



पंडित रविशंकर शुक्ल विश्वविद्यालय, रायपुर छत्तीसगढ़ भारत
Pt. Ravishankar Shukla University, Raipur Chhattisgarh, India
Estd-1964 – recognized by UGC U/s 2(f) and 12 (B)
NAAC “A” Grade

CRITERION-III

EVIDENCE(S), AS PER SOP

METRIC No. 3.3.2	Number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), Entrepreneurship, Skill development during the last five years
<ul style="list-style-type: none">• Detailed report for each program• Brochure/Geo-tagged Photograph with date and captions; title of the workshops / seminars conducted• Details of resource persons	

**Detailed Report
of
One Day Workshop
on
“Opportunities and Entrepreneurship in Biotechnology”
held on
Friday, March 31, 2017**

Last day of the financial year 2016-17 was wrapped up with a worthwhile payback in the form of a “One Day Workshop” graciously organized jointly by **School of Studies in Biotechnology, Pt. Ravishankar Shukla University, Raipur** and **Chhattisgarh Biotechnology Promotion Society, Government of Chhattisgarh, Raipur** on the most demanded and crowd pleasing issue “Opportunities and Entrepreneurship in Biotechnology”. The workshop was hosted by and scheduled at the School of Studies in Biotechnology on March 31, 2017. A total of 185 participants, mostly M Sc students and Research Scholars along with a few faculties, from various teaching departments of both colleges and universities of Raipur, Durg, Bhilai, Rajim, *etc.* regions attended this workshop and became the attestants of the successful event.



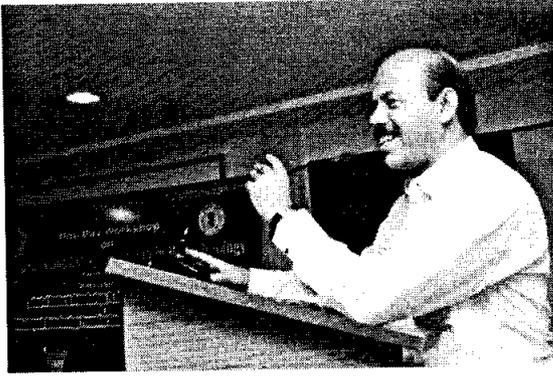
Honourable's guests on the dice, **Prof. S.K Pandey** (Vice Chancellor of Pt. Ravishankar Shukla University, Raipur), **Prof. Girish Chandel** (CEO, Chhattisgarh Biotechnology Promotion Society, Raipur), **Prof. K.L Tiwari** (Registrar, Pt. Deendayal Upadhyay Health and Ayush University, Raipur) were the Chief Guest, Special Guest and Guest of Honour respectively of the Inaugural Function of the event. The workshop was inaugurated by the dignitaries by lightening the lamp and taking the blessings of Goddess Saraswati.

Thereafter, honourable Prof. S. K. Pandey, Vice Chancellor of the University, commenced the program by sharing his advisory and motivating words with the faculties, young scholars and students of the arena of Biotechnology background. He addressed the gathering by being directive and showered his experiences that practical implementation of Biotechnology or any applied Sciences can only be built upon the strong pillars of basic and root sciences like physics, chemistry and biology. He suggested to be focused and determined towards the exchange and learning of technological advance



-ments and applying it for the betterment of mankind as well as for the economic growth of the state. He ended up his words with the positivity that this workshop will mould the attitude of the young and upcoming Biotechnologists and woven the dream for the great future of Chhattisgarh as well as India.

The workshop was moved forward in the direction and **Prof. Girish Chandel** (CEO, Chhattisgarh Biotechnology Promotion Society, Raipur) showed the right direction for the fulfilment of the dreams of an innovative individual. He beautifully and briefly explained about the purpose and plans hidden inside the title chosen for the workshop. He introduced that every technology user and provider needs a regulatory body. He pinpointed about the regulatory needs of any biotech industry approved by the Government of India. Prof. Chandel has familiarized every participant with the one year old grown Chhattisgarh Biotechnology Promotion Society. He said that the aim of this society is to merge biotechnology with the agricultural sciences and also to utilize the vast diversity of natural resources of the state. The assurance of this society is to create employment for the youth section and also to encourage the innovative ideas and business model. The society guarantees to provide Incubation Park, Incubation Centres and eco-friendly zone for the purposes. The society motivates the start-up projects and accepts more and more projects under this agenda. The principle of the society is to stand on Start-up India, Start-up Chhattisgarh thought and want to bring an industrial revolution and technological improvement in the state. He frequently emphasized on the development of great entrepreneur to make Chhattisgarh smart and scientifically, technologically and environmentally a rich state.



In continuation with the words of Prof. Chandel, **Ms. Medha Singh** (Manager, Chhattisgarh Infotech Promotion Society, Government of Chhattisgarh, Raipur) also elaborated the activities of Chhattisgarh Biotechnology Promotion Society. She added about the establishment of Incubation Park which would provide the platform for young researchers to submit their innovative proposals and utilize the facilities to produce the beneficial outcomes. Moving upon ahead, **Prof. K.L. Tiwari** (Registrar, Pt. Deendayal Upadhyay Health and Ayush University, Raipur) lightened on the role and importance of Biotechnology Department in every student's life. He also encouraged students to do good jobs in the field of Biotechnology and make the department grow day-by-day and also make it feel proud. With all these words, the Inaugural Function came to an end and simultaneously the two fruitful sessions has been started.

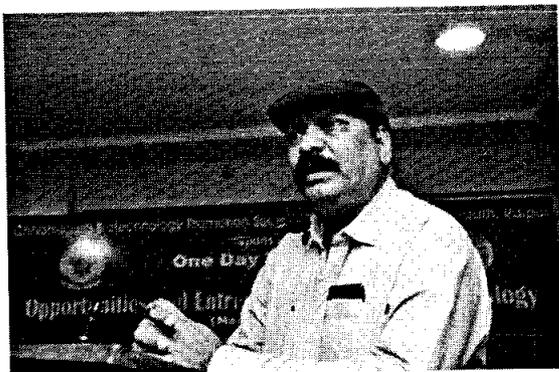
In the very first session, the participants heard and interacted with **Dr. Hemant Panigrahi** from Department of Horticulture, IGKV, Raipur. He very well demonstrated about the cropping pattern and its merits and de-merits. He introduced to everyone a classic and wonderful cultivation technology *i.e.* "Protective Farming" using polyhouse and shade-net technologies. He explained about the output of this technology, use in terms of improved crop quality and increased productivity. He detailed about every steps and pitfalls of the technology. He provided various practical proofs for many crops, fruits, exotic varieties and ornamental flowers. He emphasized especially towards varieties of Watermelon, Mastmelon and Gerbera. These technology grown fruits and flowers are being consistently and profitably used by the farmers. His words gave up an idea of adopting this technology and fulfilling the supply demand ratio. He boosted up the students to opt for this wonderful technology and move ahead in the business and market of Biotechnology. After his wonderful words and good interaction, the session moved further and the participants heard another leading scientist and speaker in the field of Biotechnology **Dr. Rakesh Kumar Meena**, Chief Scientist, Devleela Biotech, Raipur. Dr. Meena introduced the gathering towards various job opportunities and prospects after pursuing B. Sc., M. Sc. and Ph. D in the area of Biotechnology. He is a renowned scientist and gave several contributions in the area of plant tissue culture. He has successfully provided varieties of banana in the market. He briefly introduced the various requirements and steps involved in plant tissue culture. He produced an estimation regarding setting

up of a plant tissue culture laboratory in the available area. He beautifully resolved the curiosity of the participants regarding quality of the tissue cultured raised fruit varieties. He showed at a glance the investments and returns involved with the tissue culture projects. Finally, Dr. Meena encouraged the skilled Biotechnologist to become a great entrepreneur and also suggested the options available in the area of seed multiplication, secondary hardening, Agri-clinic and many more to start-up.



In the post lunch session, the attendees heard to **Dr. Ashok Mishra** (Director, Akash Laboratories, Raipur). A Great saying "The only source of knowledge is Experience", by Albert Einstein. He is absolutely the true picture of experience and knowledge. He took participants towards a voyage of his professional journey and encouraged them to be focused, determined and self confident. By various practical sharing he had sown a seed of entrepreneurship in minds of every attestant of the event. He emphasized the importance of food and farmer. He assured the importance of Biotechnologist in the coming future and encouraged to become independent, honest and hard working entrepreneur for the state. He has up-surged the skilled individual to contribute to start-up India, start-up Chhattisgarh and assured his full support and assistance.

With his influential words, the session moved to the next speaker **Mr. Abhijit Chakravarty** (Senior Consultant, SeMT, Chhattisgarh). Mr Chakravarty introduced the Chhattisgarh Infotech Promotion Society, Raipur, in his lecture. He emphasized on the rapidly expanding entrepreneurship and start-up projects and assured towards the leading to a great revolution in the area of Biotechnology. Mr. Chakravarty explained the aim and purpose of the Incubation Centre which will be going to set up in City Central Mall, Pandri, Raipur. The only aim and assurance of the Chhattisgarh Infotech Promotion Society is to provide space and other facilities as well as the investments for an innovative idea. He detailed every aspect of different policies provided by Government of Chhattisgarh like 36INC for the innovative minds as well as advancements and improvement in the technological section by putting some examples. He said that the agenda of the society is to bring into limelight the great discoveries which are based on the great innovations. He explained all the "Terms and Conditions" required to apply and encouraged the participants to come-up with innovative ideas individually or in a group and build the scientific future of the state.



Every session was accompanied with the exciting discussions between the speaker and the audience. Many questions were put forwards which were beautifully and satisfactorily resolved by the eminent speakers. After the mesmerizing, exciting and knowledge based sessions, the One Day Workshop came to an end with new scopes and new dreams in the eyes of participants. The Valedictory Function of the event was started around 05:00 p.m. Honorable **Shri Dharmesh Sahu** (IAS), Registrar, Pt. Ravishankar Shukla University, Raipur, was the Chief Guest for the function. He addressed the gathering to stand-up with the altitudes set up for them in the field of Biotechnology and make Chhattisgarh, a proud and beautiful state.



Everyone was pleased and expressed a heart-filled gratitude to the Registrar of the University, **Shri Dharmesh Sahu**, Convener of the workshop **Prof. S.K. Jadhav** (Head, School of Studies in Biotechnology) and Organizing Secretary, **Prof. Keshav Kant Sahu** (School of Studies in Biotechnology). Participants also expressed their thanks to the hospitality and opportunity provided by the Department of Biotechnology and Chhattisgarh Biotechnology Promotion Society. At the end, feedbacks were collected in which participants demanded to organize many more such sessions in coming future.

(Keshav Kant Sahu)
Organizing Secretary

Chem



National Science Day-2017

Organized by
PUBLIC OUTREACH CENTRE
PT. RAVISHANKAR SHUKLA UNIVERSITY
RAIPUR (Chhattisgarh)



Focal Theme-

Science and Technology for Specially Abled Persons

Objective:

To encourage and motivate young talented students towards scientific career and gain knowledge on advances in science and technology.

4th March 2017 Time 2.00 PM

Program:

Popular Lectures, Poster Making
Competition, Essay Writing on the Theme

Speakers (Tentative):

1. Prof. A. K. Pati, School of Studies in Life Sciences, Pt. RSI
2. Mrs. Simi Srivastava, Member, Bal Ayog, Govt. of CG
3. Dr. Suparna Sengupta, Pt. Sundar Lal Sharma Library
4. Prof. Manisha Runkar, Head, Community & Family Med. AIIMS

Venue:

C. V. Raman Hall

School of Studies in Chemistry,

Pt. Ravishankar Shukla University, Raipur 492010

We take this opportunity to invite you for National Science Day Program. It aims to encourage the young scientists to have an inclination to science and scientific career. A variety of scientific and outreach program will be arranged.

Eligibility: B.Sc/BA/B. Pharma /M.Sc./MA /M.Phil. /Ph.D.
Students

Participants can send their entry (the title of poster etc.) to Dr. Manmohan Lal Sarnani, S.O.S. in Chemistry, Pt. Ravishankar Shukla University, Raipur on or before 23rd February. Prizes for best posters and participation certificates will be given.

Prof. S. K. Pandey
Vice Chancellor

Mr. Dharmesh Sahu, IAS
Registrar

Prof. Zakia Khan
Program Coordinator

Prof. Kallol K. Ghosh
Coordinator, Public Outreach Centre



UGC – SAP(DRS – II)
National Conference on
**ADVANCES IN ENVIRONMENTAL
& CHEMICAL SCIENCES**
March 17-18, 2017

REGISTRATION FORM

Name: _____
Designation: _____
Date of Birth: _____ Gender: M/F _____
Address: _____

Telephone No./ Mobile No.: _____
E-mail: _____
Preference: Oral/Poster: _____
Accommodation Required: Yes/No _____

Particulars of Accompanying Persons (s)
1. Name Age Gender: _____
2. Name Age Gender: _____

Details of Demand Draft:
DD No.: _____ Date: _____ Amount: _____
Name of the Bank: _____
Place/Date: _____ Signature: _____

Please complete and return this form along with DD towards Registration/Accommodation fees to the Head, Chemistry, latest by 1st March 2017.

National Advisory Committee

Prof. D. Bhattacharya	Bhubaneswar
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Prof. B. K. Mishra	Sambalpur
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Prof. S. Paul	Kolkata
Prof. Rav. Jaiswal	Gwalior
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Local Organizing Committee

Chief Patron	Prof. S. K. Pardey Vice-Chancellor
Patrons	Prof. Rama Pandey (UGC BRS Fellow) & Prof. K. S. Patel (UGC BRS Fellow)
Chairperson	Prof. Kallel K. Gouss Coordinator UGC SAP(DRS-II)
Co-chairs	Prof. M. K. Deb & Prof. Shambhu Prasad
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UGC – SAP(DRS – II)
National Conference on
**ADVANCES IN ENVIRONMENTAL
&
CHEMICAL SCIENCES**

March 17-18, 2017

First Circular



Organized by
School of Studies in Chemistry
Pt. Ravishankar Shukla University
(Accredited with A Grade by NAAC)
Raipur, Chhattisgarh-492015
www.sscu.ac.in

Under the auspices of
University Grants Commission,
New Delhi

5 (Religion & Philosophy)
Yoga

1



स्वामी विवेकानन्द पीठ

विवेकानन्द स्मृति तुलनात्मक धर्म, दर्शन एवं योग अध्ययनशाला
पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर

संगोष्ठी : विवेकानन्द जीवन और दर्शन

शनिवार, दिनांक 14 जनवरी, 2017 प्रातः 11.00 बजे

अध्यक्ष

प्रो. एस. के. पाण्डेय

कुलपति

पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर

वक्ता

श्रीमत् स्वामी निखिलेश्वरानन्द जी

सचिव

रामकृष्ण मिशन विवेकानन्द मेमोरियल, बड़ोदरा

विषय : युवाशक्ति और नेतृत्व के आदर्श स्वामी विवेकानन्द

श्रीमत् स्वामी राघवेन्द्रानन्द जी

सचिव

रामकृष्ण मिशन, ग्वालियर

विषय : राष्ट्रीय जागरण और स्वामी विवेकानन्द



4

उक्त कार्यक्रम में आप सबकी उपस्थिति सादर प्रार्थित है।

धर्मेश कुमार साहू, आई.ए.एस.

कुलसचिव

पं. रविशंकर शुक्ल वि.वि.

डॉ. भगवन्त सिंह

अध्यक्ष

तुलनात्मक धर्म

दर्शन एवं योग अध्ययनशाला

डॉ. ओमप्रकाश वर्मा

स्वामी विवेकानन्द पीठ प्रोफेसर

पं. रविशंकर शुक्ल वि.वि.

4

- 10. 15.01.2018 Seminar : Contribution of Swami Vivekananda
(In joint auspices with Public Outreach Centre,
Pt. Ravishankar Shukla University, Raipur)

- 11. 31.03.2018 Seminar: 'Educational Thoughts of Swami Vivekananda' (In
joint auspices of Teachers Training Institute, Swami
Vivekananda Chair and Public Outreach Center, Pt.
Ravishankar Shukla University, Raipur)

- 12. 08.08.2018 Lecture: 'The Secret of Work by Swami Shantatmananda,
Secretary Ramakrishna Mission, Delhi (in joint
auspices with Institute of Management)

- 13. 27.08.2018 Workshop: 'Yoga for Elevated Life' (in joint auspices with SOS in
to (National) Physical Education) 29.08.2018
29.08.2018

- 14. 05.10.2018 Lecture: 'Swami Vivekananda for Youth' by Swami
Shuddhidananda, Advait Ashrama, Kolkata with the
financial help of Public Outreach Centre,
Pt. Ravishankar Shukla University, Raipur

Swami Vivekananda
SOS in Cooperation with
Pt. Ravishankar Shukla University, Raipur
15/08/2018
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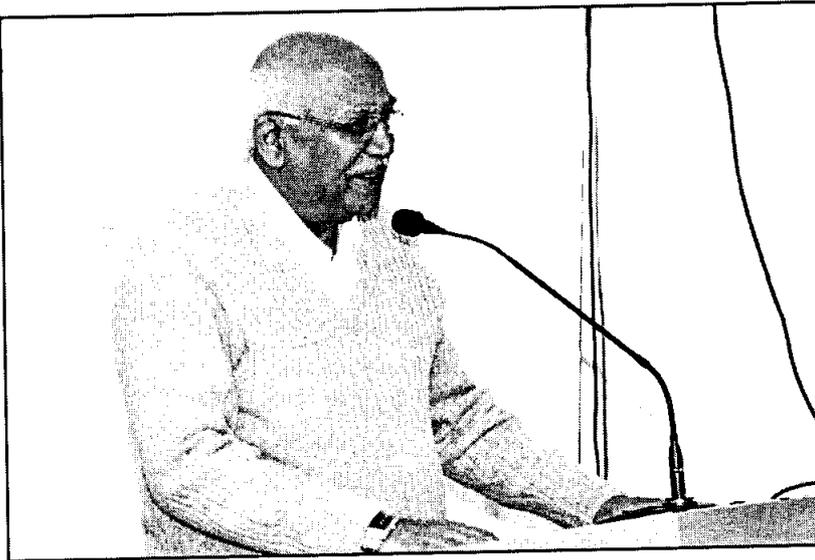
संगोष्ठी : विवेकानन्द जीवन और दर्शन
शनिवार, दिनांक 14 जनवरी, 2017

6



चित्र-परिचय

1. अतिथियों द्वारा दीप-प्रज्वलन
2. श्रीमत् स्वामी निखिलेश्वरानन्द जी मुख्य अतिथि
3. डॉ. एस. के. पाण्डेय अध्यक्ष एवं कुलपति

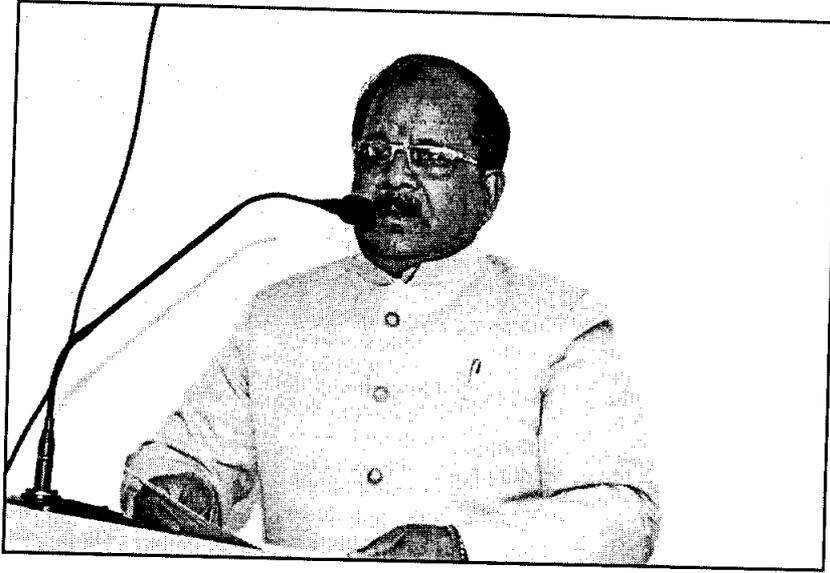


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HEAD
Vivekanand Memorial
in Religion, Philosophy & Yoga
Shri Krishna University, Raipur

संगोष्ठी : विवेकानन्द जीवन और दर्शन

शनिवार, दिनांक 14 जनवरी, 2017 प्रातः 11.00 बजे



चित्र-परिचय

1. प्रो. भगवन्त सिंह
अध्यक्ष, दर्शन एवं योग विभाग
2. डॉ. ओमप्रकाश वर्मा
स्वामी विवेकानन्द चेयर प्रोफेसर
3. प्रश्न पूछते हुए प्रतिभागी



2



स्वामी विवेकानन्द पीठ

विवेकानन्द स्मृति तुलनात्मक धर्म, दर्शन एवं योग अध्ययनशाला
पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर

संगोष्ठी : स्वामी विवेकानन्द और वर्तमान परिदृश्य

गुरुवार, दिनांक 02 फरवरी, 2017 प्रातः 11.00 बजे

स्थान : भूगोल अध्ययनशाला, संगोष्ठी कक्ष, पं. रविशंकर शुक्ल वि.वि., रायपुर



मुख्य अतिथि

डॉ. के. के. चक्रवर्ती

पूर्व कुलाधिपति

राष्ट्रीय शैक्षिक योजना एवं प्रशासन विश्वविद्यालय
नई दिल्ली

अध्यक्ष

डॉ. एस. के. पाण्डेय

कुलपति

पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर

वक्ता

डॉ. हिमांशु द्विवेदी

प्रधान संपादक

हरिभूमि

विषय : स्वामी विवेकानन्द का समाज-दर्शन

स्वामी अव्ययात्मानन्द

रामकृष्ण मिशन विवेकानन्द आश्रम, रायपुर

विषय : स्वामी विवेकानन्द का राष्ट्र को आह्वान

उक्त कार्यक्रम में आप सबकी उपस्थिति सादर प्रार्थित है।

धर्मेंश कुमार साहू, आई.ए.एस.

कुलसचिव

पं. रविशंकर शुक्ल वि.वि.

डॉ. भगवन्त सिंह

अध्यक्ष

तुलनात्मक धर्म

दर्शन एवं योग अध्ययनशाला

डॉ. ओमप्रकाश वर्मा

स्वामी विवेकानन्द पीठ प्रोफेसर

पं. रविशंकर शुक्ल वि.वि.

HEAD

08/01

संगोष्ठी : विवेकानन्द जीवन और दर्शन

शनिवार, दिनांक 14 जनवरी, 2017 प्रातः 11.00 बजे

8



चित्र-परिचय

1. श्रीमत् स्वामी निखिलेश्वरानन्द जी एवं डॉ. ओमप्रकाश वर्मा
2. प्रश्न पूछते हुए प्रतिभागी
3. प्रश्न पूछते हुए प्रतिभागी



DR. VIVEKANAND MEMORIAL
DEPARTMENT OF Religion, Philosophy & Yoga
RAIPUR UNIVERSITY, RAIPUR

8/1

संगोष्ठी : स्वामी विवेकानन्द और वर्तमान परिदृश्य
गुरुवार, दिनांक 02 फरवरी, 2017

10



1

चित्र-परिचय

1. अतिथियों द्वारा दीप-प्रज्वलन
2. मंचासीन अतिथिगण
3. श्रोतागण



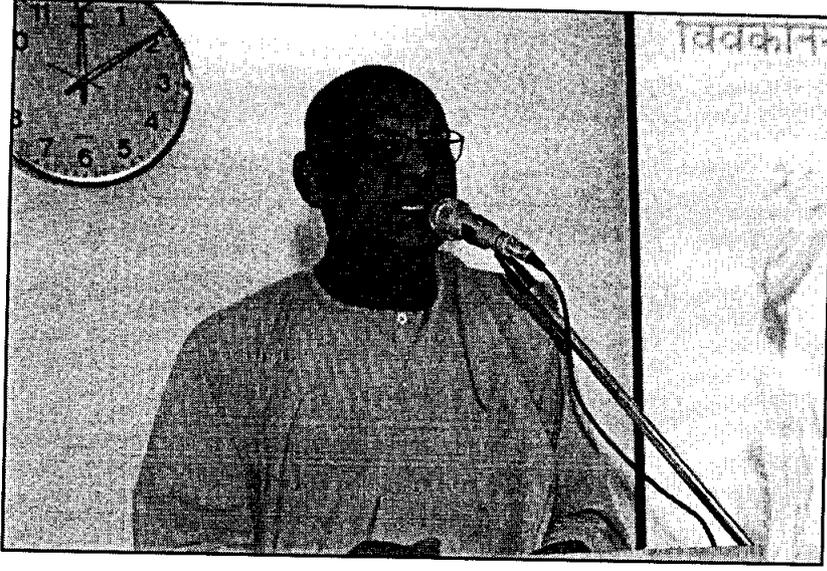
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Dr. ...

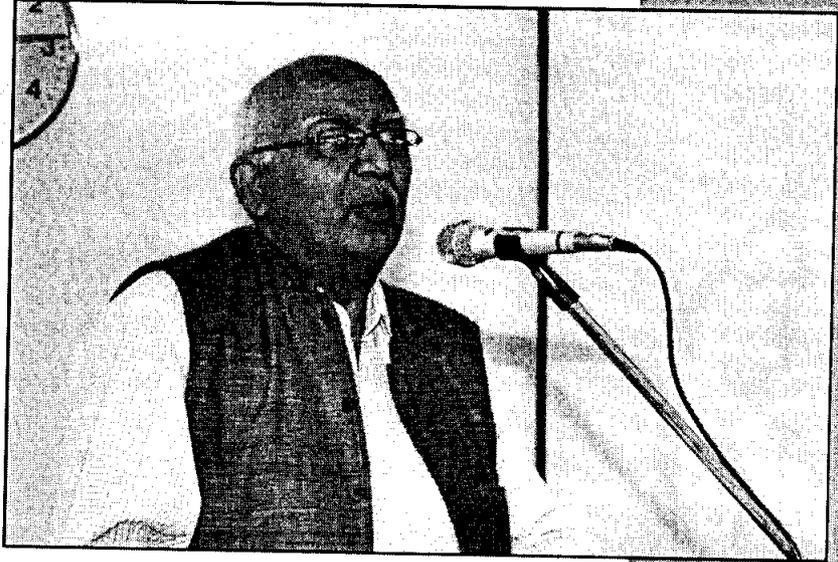
संगोष्ठी : स्वामी विवेकानन्द और वर्तमान परिदृश्य
गुरुवार, दिनांक 02 फरवरी, 2017



1

चित्र-परिचय

1. श्रीमत् स्वामी अव्ययात्मानन्द
वक्ता
2. डॉ. एस. के. पाण्डेय
अध्यक्ष एवं कुलपति
3. डॉ. के. के. चक्रवर्ती
मुख्य अतिथि



2



3



स्वामी विवेकानन्द पीठ

विवेकानन्द स्मृति तुलनात्मक धर्म, दर्शन एवं योग अध्ययनशाला
पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर

संगोष्ठी

भगिनी निवेदिता और भारतीय नवजागरण

सोमवार, दिनांक 27 फरवरी, 2017 अपराह्न 01.00 बजे



अध्यक्ष

डॉ. एस. के. पाण्डेय

कुलपति

पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर

वक्ता

डॉ. सुरुचि पाण्डे

उपाध्यक्ष

इला फाउण्डेशन, पुणे

डॉ. मीता झा

प्रोफेसर, मनोविज्ञान अध्ययनशाला

पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर

डॉ. शम्पा चौबे

प्रोफेसर एवं अध्यक्ष

शास. दू.ब. महिला स्नातकोत्तर महाविद्यालय, रायपुर

उक्त कार्यक्रम में आप सबकी उपस्थिति सादर प्रार्थित है।

धर्मेश कुमार साहू, आई.ए.एस.

कुलसचिव

पं. रविशंकर शुक्ल वि.वि.

डॉ. भगवन्त सिंह

प्रोफेसर एवं अध्यक्ष

तुलनात्मक धर्म,

दर्शन एवं योग अध्ययनशाला

डॉ. ओमप्रकाश वर्मा

स्वामी विवेकानन्द पीठ प्रोफेसर

पं. रविशंकर शुक्ल वि.वि.

स्थान : जैविकी अध्ययनशाला, संगोष्ठी कक्ष, पं. रविशंकर शुक्ल वि.वि., रायपुर

संगोष्ठी : स्वामी विवेकानन्द और वर्तमान परिदृश्य
गुरुवार, दिनांक 02 फरवरी, 2017

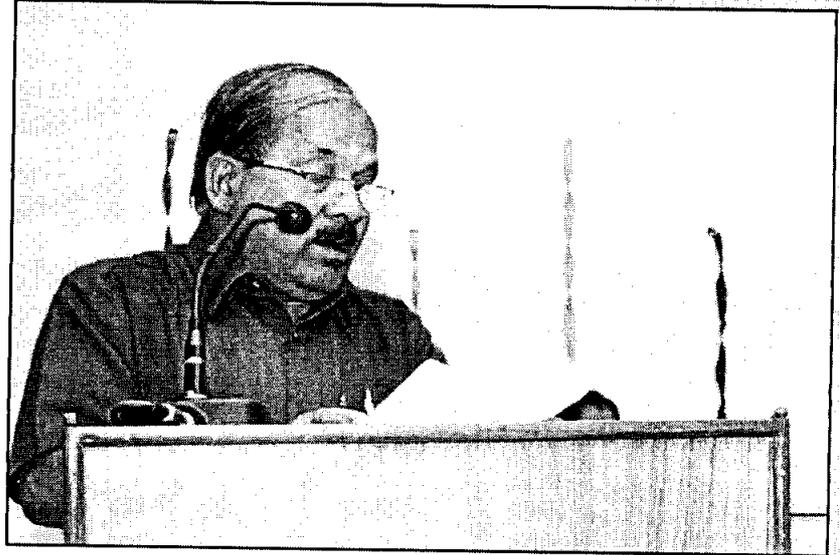
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चित्र-परिचय

1. डॉ. हिमांशु द्विवेदी
प्रमुख संपादक, हरिभूमि
2. डॉ. भगवन्त सिंह
अध्यक्ष, दर्शन एवं योग विभाग
3. डॉ. ओमप्रकाश वर्मा
स्वामी विवेकानन्द चेयर प्रोफेसर



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चित्र-परिचय

1. अतिथियों द्वारा दीप-प्रज्वलन
2. मंचासीन अतिथिगण
3. श्रोतागण



संगोष्ठी : भगिनी निवेदिता और भारतीय नवजागरण
सोमवार, दिनांक 27 फरवरी, 2017

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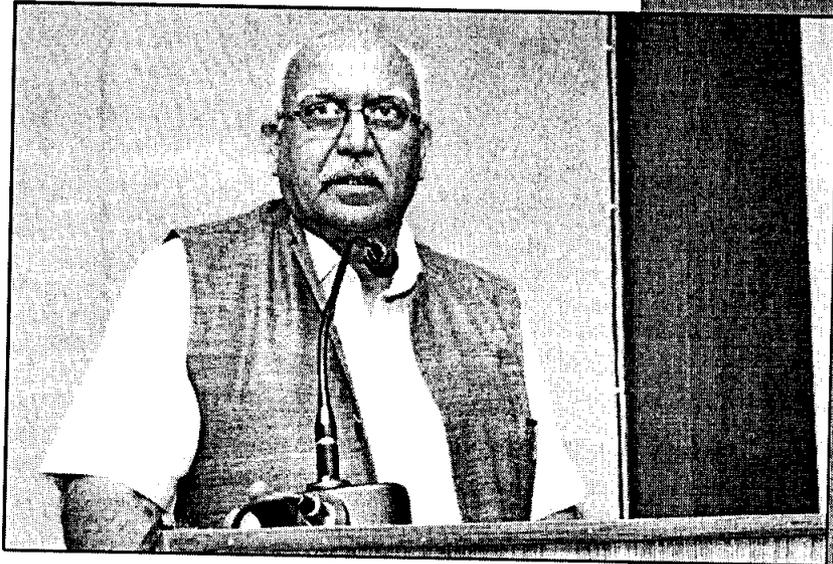
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चित्र-परिचय

1. डॉ. सुरुचि पाण्डे
वक्ता

2. डॉ. एस. के. पाण्डेय
अध्यक्ष एवं कुलपति

3. प्रो. मीता झा
वक्ता



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HEAD
Swami Vivekananda Memorial
SOS in Culture, Education, Science & Yoga
Dr. Ravishankar Das, Founder, SOS

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Swami Vivekananda Chair (स्वामी विवेकानन्द पीठ)

विवेकानन्द स्मृति तुलनात्मक धर्म, दर्शन एवं योग अध्ययनशाला
पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर

संगोष्ठी

विवेकानन्द : भारतीय संस्कृति और मानव-उत्कर्ष के उन्नायक

सोमवार, दिनांक 04 सितम्बर, 2017 पूर्वाह्न 11.00 बजे

स्थान : सर जे.सी. बोस हॉल, जैविकी अध्ययनशाला, पं. रविशंकर शुक्ल वि.वि., रायपुर



अध्यक्ष

डॉ. एस. के. पाण्डेय

कुलपति

पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर

वक्ता

श्रीमत् स्वामी राघवेन्द्रानन्द जी

सचिव

रामकृष्ण मिशन, ग्वालियर

विषय : शाश्वत भारत एवं स्वामी विवेकानन्द

श्रीमत् स्वामी निर्विकारानन्द

सचिव

रामकृष्ण मिशन, इन्दौर

विषय : मानव उत्कर्ष एवं स्वामी विवेकानन्द

उक्त कार्यक्रम में आप सबकी उपस्थिति सादर प्रार्थित है।

धर्मेंश कुमार साहू, आई.ए.एस.

कुलसचिव

पं. रविशंकर शुक्ल वि.वि.

डॉ. भगवन्त सिंह

अध्यक्ष

तुलनात्मक धर्म

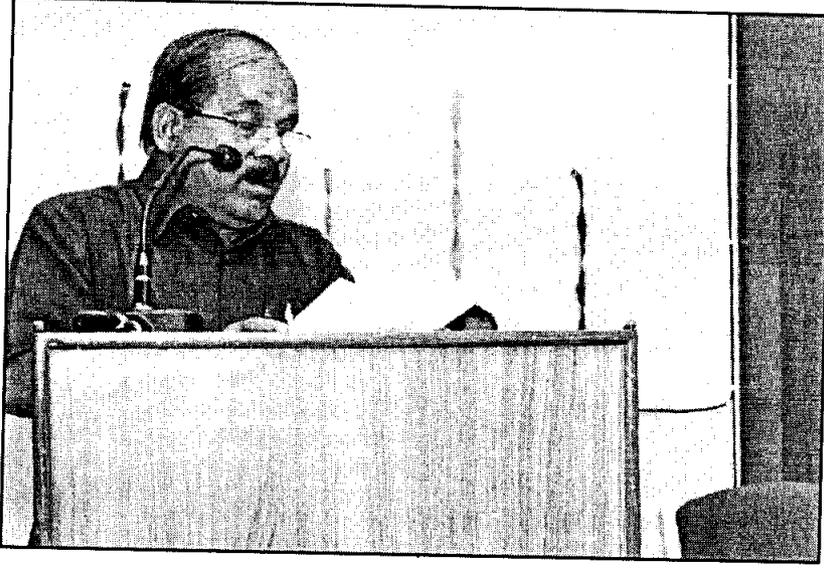
दर्शन एवं योग अध्ययनशाला

डॉ. ओमप्रकाश वर्मा

स्वामी विवेकानन्द चेयर प्रोफेसर

पं. रविशंकर शुक्ल वि.वि.

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चित्र-परिचय

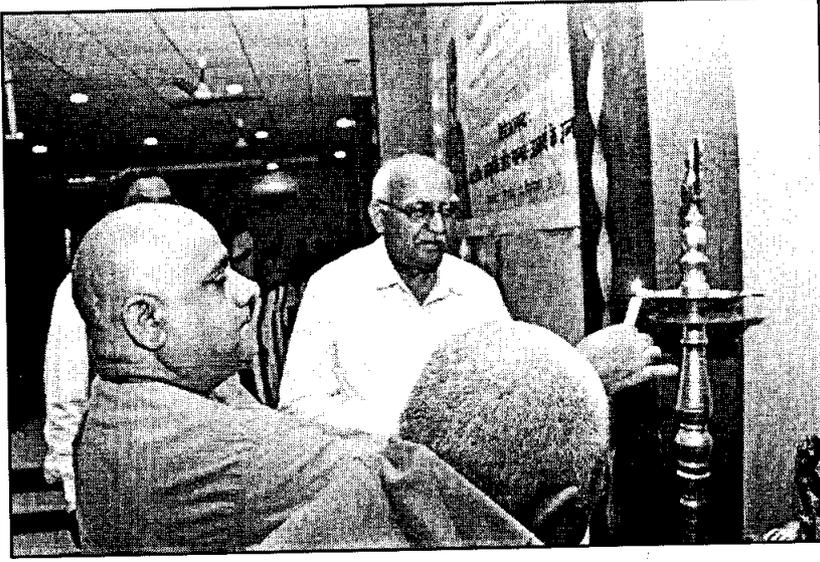
1. प्रो. भगवन्त सिंह
अध्यक्ष, दर्शन एवं योग विभाग
2. डॉ. शम्पा चौबे
वक्ता
3. डॉ. ओमप्रकाश वर्मा
स्वामी विवेकानन्द चेयर प्रोफेसर



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चित्र-परिचय

1. अतिथियों द्वारा दीप-प्रज्वलन
2. अतिथियों द्वारा दीप-प्रज्वलन
3. विश्वविद्यालय का कुलगीत गायन



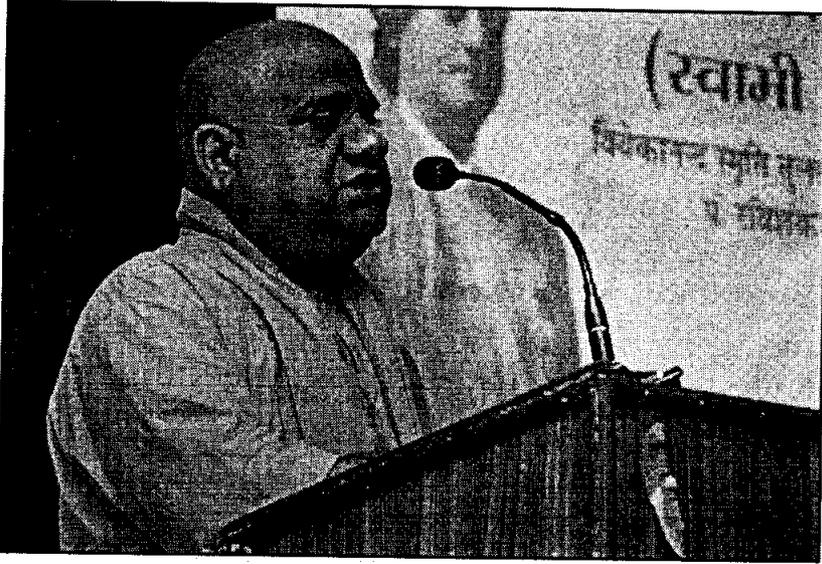
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विवेकानन्द : भारतीय संस्कृति और मानव-उत्कर्ष के उन्नायक
सोमवार, दिनांक 04 सितम्बर, 2017

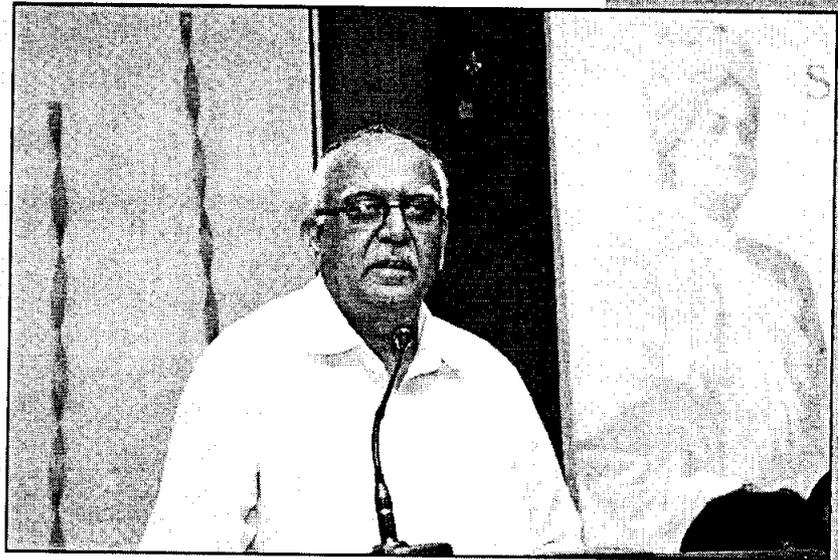
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चित्र-परिचय

1. श्रीमत् स्वामी निर्विकारानन्द
वक्ता
2. डॉ. एस. के. पाण्डेय
अध्यक्ष एवं कुलपति
3. डॉ. ओमप्रकाश वर्मा
स्वामी विवेकानन्द चेयर प्रोफेसर



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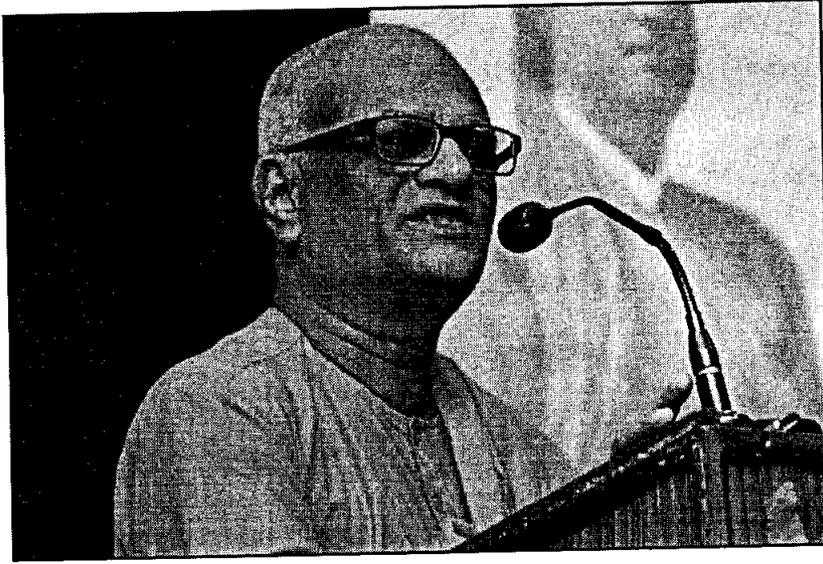
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READ

Swami Vivekananda Memorial

SOS in Computer Science & Information Technology
Dr. Praveen Kumar, Director, IIT Roorkee

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चित्र-परिचय

1. श्रीमत् स्वामी राघवेन्द्रानन्द
वक्ता
2. डॉ. भगवन्त सिंह
अध्यक्ष, दर्शन एवं योग अध्ययनशाला
3. श्रोतागण



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21



आमंत्रण

अर्थशास्त्र अध्ययनशाला
एवं
Swami Vivekananda Chair
(स्वामी विवेकानन्द पीठ)

विवेकानन्द स्मृति तुलनात्मक धर्म, दर्शन एवं योग अध्ययनशाला
पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर के संयुक्त तत्त्वावधान में आयोजित

संगोष्ठी : स्वामी विवेकानन्द की विश्व-मानवता को देन

शनिवार, दिनांक 09 सितम्बर, 2017 अपराह्न 12.30 बजे

अध्यक्ष

प्रो. बालचन्द्र कछवाहा

पूर्व अध्यक्ष

पं. सुन्दरलाल शर्मा शोधपीठ

पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर

वक्ता

डॉ. प्रीता लाल

सहायक प्राध्यापक

राधाबाई, शास. कन्या महाविद्यालय, रायपुर

डॉ. ओमप्रकाश वर्मा

स्वामी विवेकानन्द चेयर प्रोफेसर

पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर



उक्त कार्यक्रम में आप सबकी उपस्थिति सादर प्रार्थित है।

डॉ. रवीन्द्र ब्रह्मे

अध्यक्ष, अर्थशास्त्र अध्ययनशाला

पं. रविशंकर शुक्ल वि.वि., रायपुर

डॉ. ओमप्रकाश वर्मा

स्वामी विवेकानन्द चेयर प्रोफेसर

पं. रविशंकर शुक्ल वि.वि., रायपुर

स्थान : अर्थशास्त्र अध्ययनशाला, पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर

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Swami Vivekananda Memorial
SOS in Co-operative Field, Faculty of Yoga
Pt. Ravishankar Shukla University, Raipur

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3.3.2
Economics

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School of Studies in Economics

Pt. Ravishankar Shukla University, Raipur (CG)

and

Chhattisgarh Economic Association

Organizes

A National Seminar

on

Budget 2017-18: Issues Related to

Public Expenditure and Revenue

10 February 2017



School of Studies in Economics

Pt. Ravishankar Shukla University,

Raipur (CG)

2



अर्थशास्त्र अध्ययनशाला

पं. रविशंकर शुक्ल विश्वविद्यालय रायपुर
एवं

छत्तीसगढ़ आर्थिक परिषद

के संयुक्त तत्त्वावधान में

“तृतीय राज्य वित्त आयोग के समक्ष मुद्दे एवं सुझाव”
विषय पर आयोजित संगोष्ठी में आप सादर आमंत्रित हैं

दिनांक : 26 मार्च 2017, रविवार

समय : प्रातः 11.00 बजे

स्थान : अर्थशास्त्र अध्ययनशाला, पं. रविवि रायपुर

मुख्य अतिथि

श्री चंद्रशेखर साहू

अध्यक्ष, तृतीय राज्य वित्त आयोग छत्तीसगढ़

अध्यक्षता

डॉ. शिव कुमार पाण्डेय

कुलपति, पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर

श्री धर्मेश कुमार साहू (आई.ए.एस.)

कुलसचिव

पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर

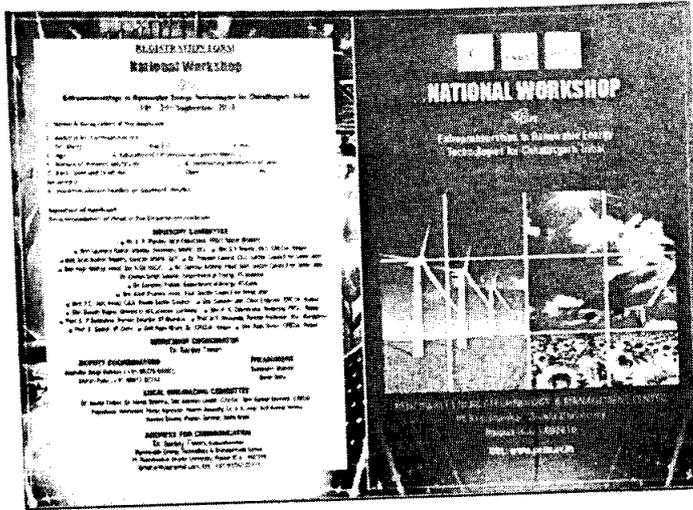
डॉ. रविन्द्र ब्रह्म

विभागाध्यक्ष एवं संयोजक

पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर

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06 DAYS NATIONAL WORKSHOP ON "ENTREPRENEURSHIPS IN RENEWABLE ENERGY TECHNOLOGIES FOR CHHATTISGARH TRIBAL"



हारभाम रायपुर | रायपुर, मंगलवार, 20 फ़रवरी 2016

रविवार में अहमय ऊर्जा उद्योगत. सेमिनार में बोले डॉ. विजय भाटकर

अब भावनाओं को समझेगा कंप्यूटर

डॉ. विजय भाटकर ने रायपुर में आयोजित 'अहमय ऊर्जा उद्योगत. सेमिनार' में भाग लिया। उन्होंने कहा कि अब भावनाओं को समझेगा कंप्यूटर।

रायपुर, 20 फ़रवरी: अहमय ऊर्जा उद्योगत. सेमिनार में डॉ. विजय भाटकर ने कहा कि अब भावनाओं को समझेगा कंप्यूटर। उन्होंने कहा कि अब भावनाओं को समझेगा कंप्यूटर।



शिवगै लक्ष्य की सुपर कंप्यूटर के जनक से शिवाय बातचीत

भविष्य में इंधन को एक ही स्त्रोत होगा अहमय ऊर्जा

भविष्य में इंधन को एक ही स्त्रोत होगा अहमय ऊर्जा। डॉ. विजय भाटकर ने कहा कि अब भावनाओं को समझेगा कंप्यूटर।



डॉ. विजय भाटकर ने शिवाय से बातचीत की

डॉ. विजय भाटकर ने शिवाय से बातचीत की। उन्होंने कहा कि अब भावनाओं को समझेगा कंप्यूटर।

Coverage of Inaugural function of Entrepreneurships in Renewable Energy Technologies for Chhattisgarh Tribal Chief Guest Padma Bhushan Dr Vijay Bhatkar [Father of Indian Super Computer] inaugurating the 06 days national workshop

2016-17

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A Report on
Two Days Workshop
EMBEDDED SYSTEM'17

Jointly Organized By
S.O.S in Electronics and Photonics, S.O.S. in Computer Science & IT
&
IndEyes Infotech Pvt. Ltd. India

Two Days workshop on “**Embedded System Design and Hands on Practice**” was organized by Electronics & Photonics and Computer Science & IT department of Pt.Ravishankar Shukia University, Raipur in collaboration with IndEyes Infotech Pvt. Ltd, Delhi on 15-16 Feb 2017 in the university campus.

In the inaugural function of the workshop, Dr. Kavita Thakur, Head Electronics, inaugurates the workshop with the welcome speech in which she stated that the organized workshop is based on the latest technical implementation which will be very much fruitful for the bright carrier of the students. She also point out that due to the syllabus constraint it is not possible to cover these advanced techniques in the course curriculum. Dr. Sanjay Kumar, Head Computer Science introduced the relevance of the workshop.

Chief guest, Dr. Shiv Kumar Pandey, Vice Chancellor, PRSU, Raipur in his speech put emphasis on the fact that the knowledge of the basic science makes one expertise in the advanced technical skill. Special guest of honour, Dr. Mukund M. Hambarde, DG, CGCOST presents a conceptual speech by relating the human body with the intelligent machine. He says that the hardware and the software of the machine resemble the body and brain of the human being respectively. Shri Ravish Das, Registrar Incharge in his speech put an accent that the implementation of the technical knowledge must be in favour of the mankind.

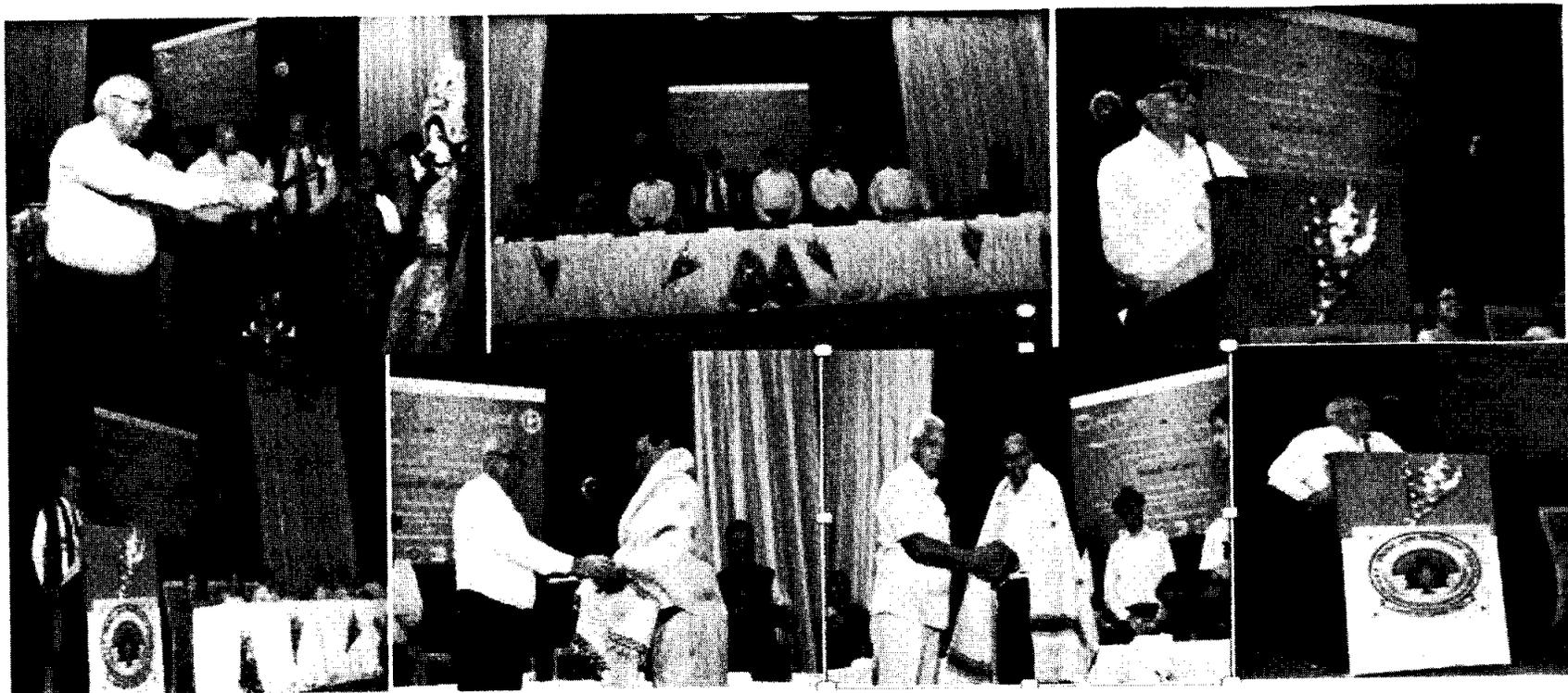


NATIONAL CONFERENCE ON SIGNAL PROCESSING, SUSTAINABLE ENERGY
MATERIALS AND ASTRONOMY AND ASTROPHYSICS

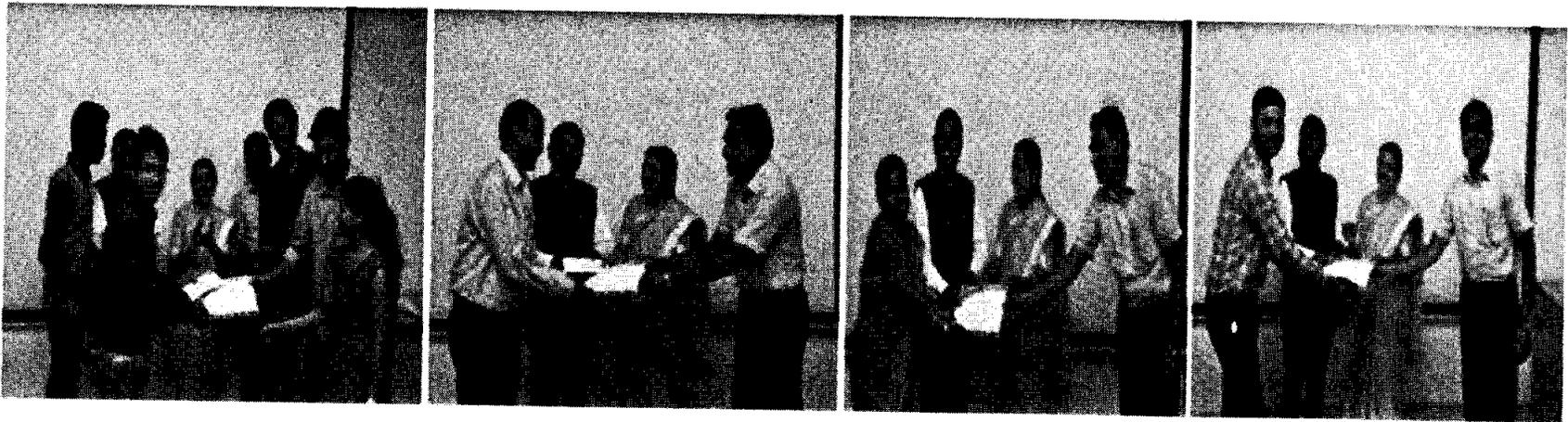
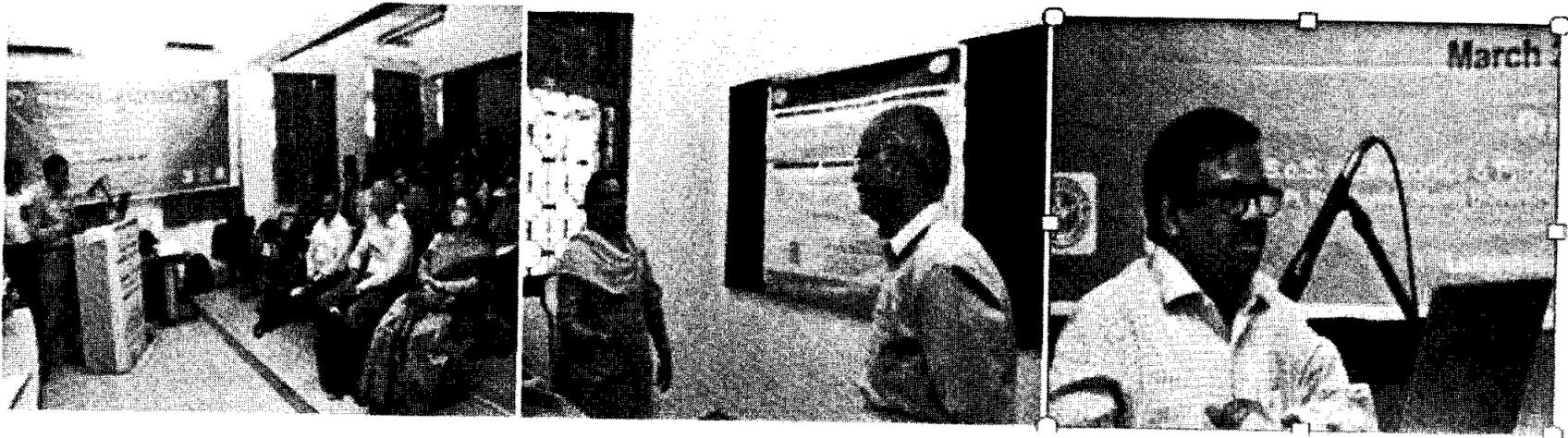
It is a matter of great privilege that School of Studies in Electronics & Photonics and School of Studies in Physics and Astrophysics and Luminescence Society of India organized 3-days National Conference on Signal Processing, Sustainable Energy Materials and Astronomy and Astrophysics (NSSEMA).

On the first day i.e. on 28th of March 2017, conference was inaugurated by chief guest Prof. R. K. Pandey, Vice-Chancellor of IMS-UNISON University, Dehradun, Guest of Honor Prof. K.V. R. Murthy, President of Luminescence Society of India (LSI), and Honorable Vice-Chancellor Prof. S. K. Pandey.

The inaugural session was started with the welcome speech by Prof. Kavita Thakur, Convener and Head Electronics followed by the releasing of souvenir. Chief Guest Prof. R.K Pandey has explored the opportunities in the area of Science and Technology. The informative speech was delivered by our Vice Chancellor, Prof. S.K. Pandey. Prof. K.V.R. Murthy briefly described the activities of LSI. In felicitation ceremony, Prof. D. K. Chakraborty, Prof. R. C. Agrawal and Prof. R. N. Baghel were honored for their extraordinary contribution in teaching and research. Vote of thanks was delivered by the secretary of the conference Prof. D. P. Bisen.



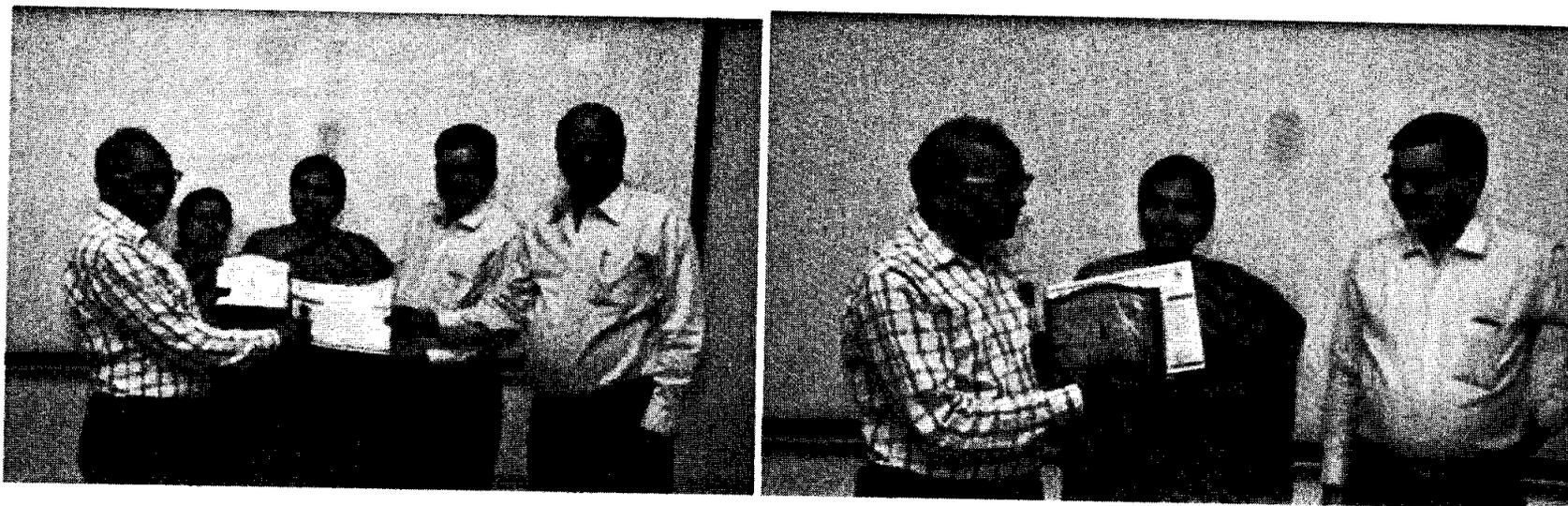
The technical session was started with invited talk by **Prof. Omar Farooq** of Aligarh Muslim University, Aligarh. He gave presentation on the topic "**MIND READING: EEG BASED DECODING OF IMAGINED WORDS**" in which he discussed about the human brain signal processing. The second invited talk was delivered by **Prof. Sanjiv Tokkekar** of Devi Ahilya University, Indore in the topic "**APPLICATION BASED VERTICAL HANDOFF DECISION IN UMTS-WLAN INTEGRATED NETWORK**". He discussed about the UNIVERSAL MOBILE TELECOMM SYSTEM(UMTS) and hands-off scheme for mobile networking. **Prof. Shirshu Varma** of IIT Allahabad also delivered invited talk in the topic "**CONFIGURING WIRELESS SENSOR NETWORK FOR 10 T APPLICATIONS**". He discussed about the mechanism of sensor nodes for various 10T applications. 9 orals and 10 posters were presented by delegates from various institutes and colleges of Chhattisgarh and outside state.



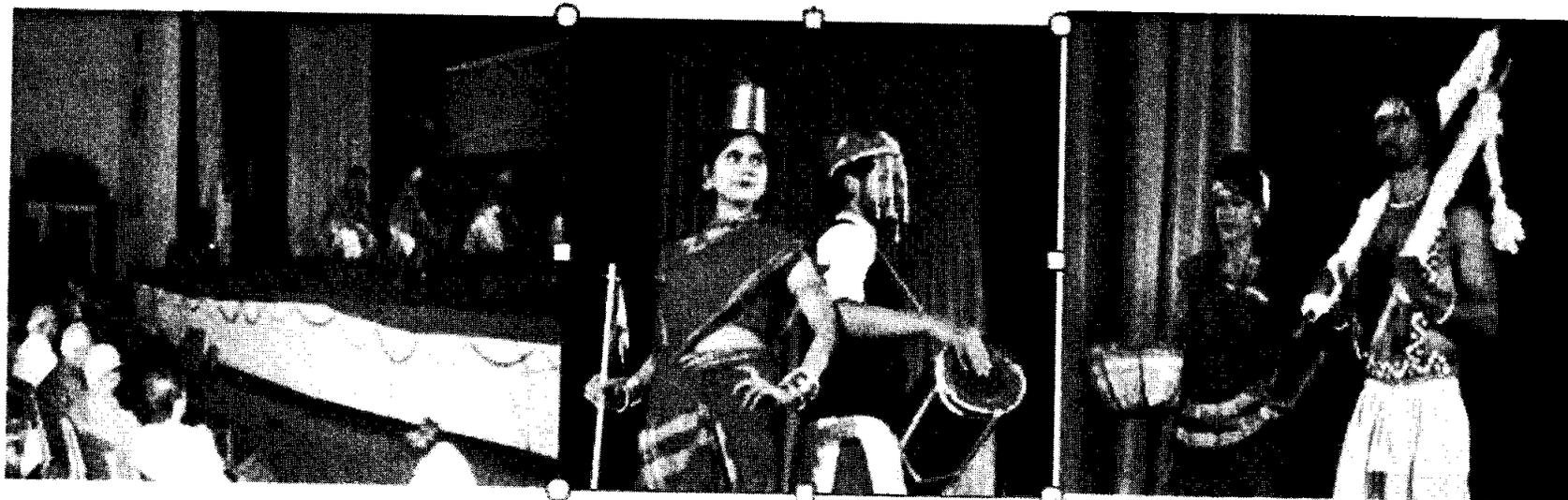
On the second day of the conference i.e on 29 th March 2017, technical session on the topic Sustainable Energy Materials was organized. The session was started with invited talk-by **Prof. R. K. Pandey** in the topic “ **MATERIALS AND TECHNOLOGY FOR A SUSTAINABLE ENERGY FUTURE**” in which photovoltaic materials are discussed and focused in the issue that how to increase the efficiency of the solar cell. Followed by another invited talk by **Prof.K.V.R. Murthy** in the topic “ **NEW TRENDS IN LIGHT EMITTING DIODES(LED) AND PHOSPHORS**” in which he introduced about the Luminescent Materials , their applications and the fabrication of blue and white LEDs. A very interesting and conceptual invited talk was delivered by **Prof. B. S. Panigrahi**, Indira Gandhi Atomic Research Center, Kalapakkam on “**LUMINESCENCE STUDIES OF LANTHANIDES/URANIUM IN ALKALINE EARTH BOROPHOSPHATES**”. He discussed about the Luminestic property of Lanthanide Materials and its applications. **Prof. S. A. Hashmi** of Delhi University in his invited talk focused on **QUASI SOLID STATE SUPERCAPACITORS**, their fabrication and applications. He also discussed about the performance characteristics of the solid state EDLCs and Gel Polymer Electrolytes. 10 orals and 25 posters were presented by delegates from various institutes and colleges of Chhattisgarh and outside state.



In the award ceremony of LSI, life time achievement award was given to Prof. R. N. Baghel for his extraordinary contributions in the field of Luminescence.



A colorful event was organized in the second day evening in the campus auditorium by Swati Group of Management for the refreshment of the delegates.

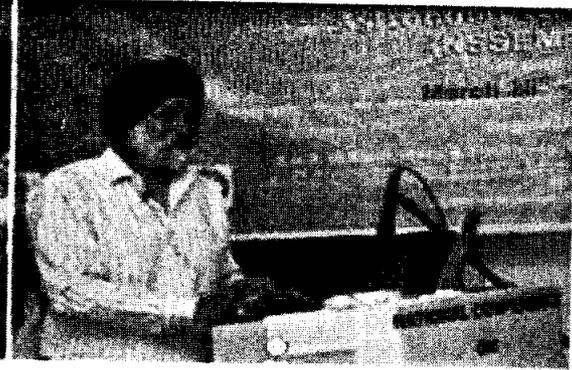
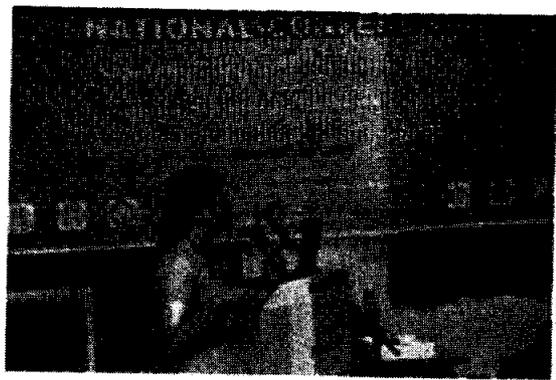


On the third day of the conference i.e on 30 th March 2017, technical session on the topic Astronomy and Astrophysics was organized. The session was started with the technical talk by **Prof. Sunetra Giridhar**, IIA Bengaluru on the topic “**AN ECHALLE SPECTROGRAPH FOR TO 2m HCH SYSTEM**”. She has delivered a very interesting talk in very simple words about the development of system description for ECHELLE spectrograph and also focused on early science results, science drivers, the choice of optical design and HESP specification. **Prof. S. K. Pandey** delivered an extensive talk on the topic **ISOPHOTE SHAPES, DUST AND COMPLEX ISM IN NEARBY EARLY-TYPE GALAXIES (ETGS)**. He introduced what are the galaxies, early type of galaxies, galaxies morphology, and different shapes of galaxies. Next invited talk was delivered by **Prof. H.P Singh** of Delhi University on **ASTRONOMY IS LOOKING UP –INDIA’S PARTICIPATION IN THE MEGA PROJECTS**. He informed about the stars, how to measure brightness and temperature of stars, various instruments related with this measurements. He also introduced about the factors that are responsible for the selection of various types of telescopes. **Prof. M. K. Patil** of SRTM University, Nanded delivered talk in the **ACCRETION TRIGGERED AGN FEEDBACK IN THE CORES OF GALAXY CLUSTERS**. He also focused on the feedback processes that are involved in the cores of the galaxy clusters with an emphasis on the AGN feedback and its observable signatures.

Followed by two technical talks-

First one was delivered by **Dr. Parijat Thakur** of GGU, Bilaspur, an excellent talk on **TRANSIT TIMING VARIATIONS ANALYSIS OF EXTRA-SOLAR PLANET QATAR- 1B** using 38 curves. His research group had taken observations by 2m Himalayan Chandra telescope at the Indian Astronomical Observatory, HANLE, and India. Second one was delivered by **Lakshmikant Choure** on the topic **HUNTING FOR LOW SURFACE BRIGHTNESS GALAXIES THROUGH ASTRONOMICAL IMAGE PROCESSING**.

A very interesting an exhaustive invited talk on **ASTRONOMICAL IMAGE AND REMOTE SENSING IMAGE PROCESSING** was delivered by **Dr. G.R. Sinha**, CMR College Hyderabad. **Prof. Meera Ramkakyani** of Rani Durgawati University, Jabalpur delivered talk on **NANOSTRUCTURES AS SUSTAINABLE ENERGY MATERIALS IN PEC SOLAR CELLS**. She emphasized how to harvest energy from Die Synthesized and Multilayered Photochemical Solar Cell using various Nano Structures. 04 posters were presented in this session.

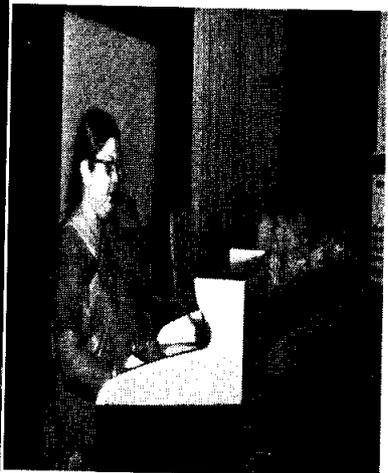


At the end, the vote of thanks has been given by Director of NSSEMA 2017, Dr. R. N. Baghel and best wishes were conveyed to all the delegates, participants, students and research scholars by the conveners Prof. Namita Brahme and Prof. Kavita Thakur.

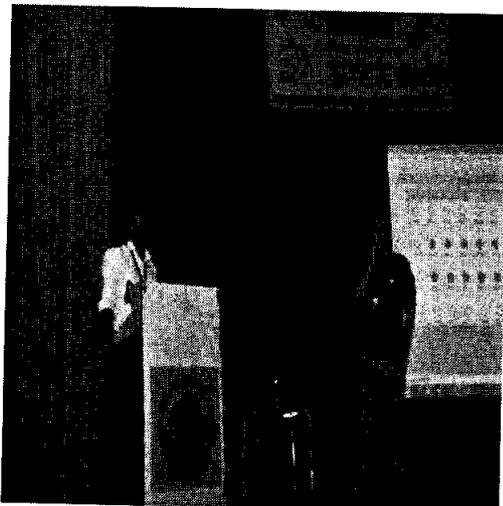


On the second day of the workshop, all the participants were provided PCBs and various hardware were implemented along with the trouble shooting of the circuit that was designed by the participants. The workshop was concluded with query session, certificate distribution and photo session. Throughout the workshop the excitement and commitment of all the participants were very impressive.





There were 320 registrations for the workshops which includes the engineering, science and polytechnique colleges of the chhattishgarh. After the inaugural function, workshop was conducted by Mr. Abhigyanam Giri, Director, IndEyes Infotech in which the introduction to embedded system was given with video demonstration of various projects of embedded system.



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National Workshop Trends and Techniques in Chronobiology School of Life Sciences

Pt. Ravishankar Shukla University, Raipur – 492 010, Chhattisgarh, India

March 2017
Raipur

Chronobiology is a multidisciplinary branch of biology. The implication of the principles of biological rhythms is universal to all branches of life science, including medical and agricultural sciences.

The proposed National Workshop is the 3rd in the series of workshops proposed to be organized by the School of Life Sciences, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh, India. The School receives DRS from the UGC under its Special Assistance Program (SAP) since 2002. Chronobiology is the thrust area of research of this UGC-sponsored SAP.

The workshop will focus on the basic principles of Chronobiology and their applications. The topics will cover: Characteristics of biological rhythms, Entrainment of rhythms, Structure of biological clock, Molecular bases of biological clock, Applied Chronobiology, and Tools & techniques for studying biological rhythms. In addition to lectures, there will be lab work to demonstrate circadian rhythms in humans and other models.

Faculty: The faculty will consist of experts in the domain of Chronobiology.

Who can and how to apply: Research scholars and young faculty members in all branches of life sciences are eligible to apply on plain paper with their full bio-data and full contact details including e-mail and telephone number. An applicant is required to furnish the following: (1) a mention about the nature of research work and/or teaching being undertaken; (2) a write-up (about 200 words) as to why they would like to participate in this workshop and their expectations from the workshop; (3) one letter of recommendation from his/her teacher. The young teachers holding permanent positions should send their applications through proper channel. Apply through email before 23 February, 2017.

Participants: ~20-110 Participants will be from Chhattisgarh.

Registration fee: INR 1500.00

Support: Local hospitality and travel support (limited to second class railway transfer) will be provided to all the selected participants. Participants have to pay for their breakfast and dinner and the accommodation as per university guest house rates.

Contact: You may contact anyone in the following: (1) Dr. Arun Prasad, Organizing Secretary, Cell: 9826531093, Email: arun.prasad@unmail.com; (2) Prof. Atanu Kumar Mishra, Convener, Cell: 9826531093, Email: akmishra@unmail.com; Prof. Rohit Kumar Pradhan, Co-convener, Cell: 9822161244, Email: rohit@unmail.com.

(11)

Technical Report

3rd National Workshop on Trends and Techniques in Chronobiology

21-27 March 2017

The Center for Translational Chronobiology (CTC), School of Studies in Life Science, Pandit Ravishankar Shukla University, Raipur, organized the 3rd National Workshop entitled, "Trends and Techniques in Chronobiology," from 21-27 March 2017. The CTC received financial support from the UGC, New Delhi, through Unassigned UGC Grants assigned to the University, Chhattisgarh Council of Science & Technology, Raipur, and also from its own budget. Of the twenty (20) selected participants, 9 were from outside of Chhattisgarh, notably from Mysuru, Varanasi, Jamshedpur, Itanagar, and Kalyani. The remaining participants were from different higher education institutions of Raipur and Bilaspur. Of the eleven (11) resource persons, five (6) were from outside (Hyderabad, Jamshedpur, Chidambaram, Pondicherry, New Delhi, and Itanagar). The remaining five resource persons were local including one from the AIIMS, Raipur. The activity of the workshop included three lectures (90 minutes each), including one evening lecture (60 minutes), and lab work every day from 2:00-5:00 pm. On concluding day, each participant as a member of one of the four groups presented the lab work in the form of learning outcome. The learning outcome presentation was held in competition mode and one of the groups was adjudged as the best and each member of the group was presented with a certificate of appreciation.

Inauguration

The Hon'ble Vice-Chancellor, Prof. S.K. Pandey inaugurated the National Workshop on 21st March 2017 in the morning (10:00). Prof. S.C. Naithani – Head, School of Studies in Life Science; Shri Dharmesh Sahu (IAS) – the Registrar of the University, Prof. A.K. Pati – President of the Indian Society of Chronobiology and Convener of the workshop; and Prof. Arti Parganiha – Organizing Secretary of the Workshop, were present on the podium during the Inauguration. Prof. A.K. Pati delivered the welcome address and introduced the participants to the activities of the workshop. He gave an introduction to the subject of Chronobiology. Prof. S.C. Naithani also addressed the participants emphasizing the significance of the principles of Chronobiology for human welfare. Prof. S.K. Pandey in his inaugural address told to the audience that rhythm is present everywhere including the cosmos. He said that natural rhythms of day-night, phases of the moon and seasons are the best example. Probably, for this reason, all living organisms have evolved rhythms within them in order to cope with the geophysical rhythms of the universe. Prof. Arti Parganiha proposed the vote of thanks.

The Chronobiology is the science that studies biological clocks in all living organisms, such as bacteria, plants, animals, and humans. The Chronobiology is a multidisciplinary subject and has lots of implications in medical, agricultural and many other branches of sciences including physical education. The purpose of the workshop was to train the participants with the techniques used in chronobiological research, with a special reference to study of rhythms in humans and also to facilitate interaction between them and the experts in the field of basic and applied Chronobiology.

Day-1

The academic session of the workshop began at 11:30. Prof. A.K. Pati delivered the first lecture. He introduced the subject of Chronobiology to all participants of the workshop and gave an overview of biological rhythms at length. He talked about different types of rhythms with examples and their basic properties.

The evening lecture was also delivered by Prof. A.K. Pati. He talked about concepts of entrainment, zeitgebers, free-runs, and masking of circadian rhythms. He explained that apart from photic time cues, number of nonphotic cues can entrain circadian rhythms in organisms.

Day-2

On 22nd March 2017 in the morning Prof. A.K. Pati delivered a lecture, he discussed the uses of PRC (Phase Response Curve). He also explained how a PRC is constructed. He said that from the PRC we

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can know about the time a drug should be administered to a patient. Similarly melatonin can be used as per the PRC of a person to reset its biological clock appropriately.

In the second lecture, Dr. Meenakshi Sinha from AIIMS, Raipur, discussed about the structural evolution of pineal gland from unicellular organisms to multicellular organism, including humans. She explained how pineal changed its role from a simple photosensory structure to the complex secretory gland. She said that the bright light produces different effects according to the time of exposure. Early morning exposure to bright light induces the sleep early in the evening, but evening administration delayed the sleep in the night. This happens through the mediation of endogenous melatonin secreted principally from the pineal gland. These findings she said have significance in resetting biological clocks of people who travel from East (example Delhi) to West (example London or New York). This simply shows that jet lag problem can be solved by exposing the traveler to bright light therapy and melatonin therapy.

Dr. Babita Pande delivered an evening lecture. She talked about different mechanisms through which organisms measure the time of different durations. She explained circadian clock, interval clock and millisecond clock. She explained the importance of these time measuring mechanisms in various behavioral and physiological processes. She also discussed showing her own data how various factors, like age, gender and chronotype influence the interval clocks. She also talked about possible interactions among interval, circadian and circannual clocks.

Day-3

In the morning of 23rd March 2017, Prof. Arti Parganiha delivered a lecture on Chronotherapy: with special reference to cancer treatment. She discussed the importance of time administration of anticancer drugs in cancer clinics. She categorically demonstrated showing her own data how patients with robust circadian rhythm live longer than those having disrupted circadian rhythm in rest-activity rhythm. She also explained that dichotomy index has excellent prognostic value.

Prof. Anita Jagota, University of Hyderabad, delivered the second lecture. She talked about the master clock in mammals. She explained how the master clock the suprachiasmatic nucleus (SCN) located in the hypothalamus regulates the frequency of numerous peripheral clocks in various tissues and organs. She also explained the molecular mechanisms underlying the function of the master clock.

Prof. A.K. Pati – the convener of the workshop delivered evening lecture entitled, “Do cavernicoles possess biological clocks?” Demonstrating data from his own studies explained that the cave fish, *Nemacheilus evezardi* that inhabits perpetually dark Kotumsar Cave possess functional retina and that they respond to light signals when exposed to LD schedules under the laboratory conditions. He also demonstrated that the putative ancestors of the cave fish – the river fish respond to darkness signals differently as compared to the cave fish. The cave fish under constant darkness exhibit multifrequency rhythms in locomotor activity. Dr. Pati also demonstrated that in the cave there are certain cues that provide day-night information to the cave organisms.

Day-4

On 24th March 2017 in the morning, Prof. Anita Jagota from University of Hyderabad in her second lecture gave an overview of the comparative anatomy and function of the circadian clock. She talked about clock function in non-mammalian models, such as fish, amphibians, reptiles, and birds. She explained the differences in the molecular mechanism of clock among non-mammalian species.

Thereafter, Prof. Arti Parganiha – the Organizing Secretary of the workshop, delivered a lecture entitled, “Costs and benefits of human shift optimization.” She demonstrated with data about the consequences of shift working. Notably among those are higher incidence of cancer among shift workers, such as breast cancer in nurses, prostate cancer in males. She also showed data to emphasize the problems of clock irregularities, sleep disorders, psychosocial problems, and various other clinical

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complications in the population of shift workers. She showed data to show that life span of rotational shift workers decreases by about 4 years. She also provided evidence from the literature that most of the big industrial accidents occurred after mid-night and early morning. She also discussed the strategies for minimizing the problems and suffering of the shift workers. She along with his colleague Dr. A.K. Pati proposed a model aimed at reducing the sufferings of shift workers. She said that as per this model if shift worker is found to be intolerant to shift work then he/she should be shifted to day-duty with immediate effect. With experimental evidence, she emphasized that the switching from shift duty to day-duty help in the resynchronization of the desynchronized clock.

Dr. Pankaj Kumar from Rajiv Gandhi University, Itanagar, spoke under the title, "Immunohistochemistry as a tool in Chronobiology." He delivered his talk in three parts. In the first part, he talked about the fundamental principles of circadian rhythms. In the second part, he explained the techniques of immunohistochemistry and in the last part of his talk, he explained how immunohistochemistry can be used as a tool to study biological rhythms in various organisms, including humans.

Day-5

Prof. R.K. Pradhan delivered the first lecture entitled, "Sleep behavior." In his talk, he emphasized that sleep length is gradually decreasing in human population and he attributed this phenomenon to modern day life style. He projected his own research data to show that the sleep is more disturbed among urban people as compared to people living in rural and remote areas of Chhattisgarh. He also showed the correlation between quality of sleep and chronotype in local human population. He emphasized that people of remote areas are morning oriented to the tune of 96%.

Prof. Perumal Subramanian of Annamalai University, Chidambaram, in his first talk discussed the circadian clocks in Cyanobacteria and plants. He talked about the current understanding of the cyanobacterial circadian clock, emphasizing recent work that has generated a more comprehensive understanding of how the circadian oscillator becomes synchronized with the external time cues and how information from the oscillator is transmitted to generate rhythms in biological activity. He also reviewed recent molecular studies in *Arabidopsis thaliana* that have widened our understanding of the molecular regulation of the central circadian oscillator and its connections to input and output pathways of the clock mechanism. He said that studies have also begun to reveal the importance of the biological clock for key agricultural traits in crop species. In the talk, he discussed recent developments in plant chronobiology, including a new understanding of the molecular architecture underlying the biological clock in plants.

In the post-lunch session, Prof. Subramanian delivered his second lecture entitled, "Molecular clock mechanisms in *Neurospora* and *Drosophila*." Studies on the pacemaker of the *Neurospora* circadian clock have been conducted extensively and revealed the presence of a transcriptional-translational feedback loop. The molecular functioning of circadian rhythmicity is known to emerge from a network of positive and negative feedback regulation acting on clock genes and proteins in the fungus, *Neurospora*.

Since 1971, numerous studies on molecular mechanisms of circadian clock have been performed extensively in *Drosophila melanogaster*. In *Drosophila*, the current model predicts that the helix-loop-helix transcription factors clock (Clk) and cycle (Cyc) bind as heterodimers to E-Box sequences (CACGTG) around noon in the genome of the fly. E-Boxes are found in the promoter region of many circadian-regulated genes, like the period (*per*), the timeless (*tim*), the vrille (*vri*) or the PAR domain protein 1c (*pdp1c*), but the very center of the clock represents the activation of *per* and *tim*. A second feedback loop regulates the transcription of Clk and thereby interlocks with the first loop.

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Day-6

Prof. Perumal Subramanian of Annamalai University, Chidambaram, in his third talk, entitled "Chronopharmacology" discussed time-dependent effectiveness and toxicity of drugs. He emphasized that chronopharmacological phenomena are influenced not only by the pharmacodynamics but also pharmacokinetics of medications. He informed the participants that new technology for delivering medications precisely in a time-modulated fashion by the bedside or ambulatory pumps have been developed to manage human diseases.

Prof. K.K. Sharma delivered a lecture on "Rhythmicity of breeding events in Baya weaverbird, *Ploceus philippinus* modulating the effect of factors." He discussed about behavior of birds in field conditions and demonstrated that behavior changes rhythmically depending upon the season of the year. He also emphasized that the hostile behavior among the individuals of the same breeding colony (Baya bird's colony) increases during the full moon (*Purnima*) and the new moon (*Amabasya*) period.

Armiya Sultan, delivered an evening lecture entitled, "Molecular basis of the mammalian circadian clock." He explained the underlying molecular mechanism of the biological clock in mammals. He started his lecture with the information that the first *per* (*period*) gene was discovered by Knopka and Benzer in the early 1970s in *Drosophila*. This gene, which the researchers named period (abbreviation: *per*), makes a nuclear protein found in many of the cells involved in expressing the circadian rhythm in the fruit fly. Thus, *per* gene seemed not only to play a role in the circadian rhythm, but also somehow governs its duration. He informed the participants that genetic era of the molecular circadian clock in mammals started in 1990s. He emphasized various potential circadian oscillators located in the mammalian brain. He also explained how the signal travels from the environment to SCN and then to different brain regions.

Day-7

On 27th March 2017 in the morning, Prof. R. Raveendran delivered a lecture on "Chronopharmacology." He emphasized various disciplines of pharmacology and explained the mechanism of action of medicines. He pointed out the time-dependent effects of medicines/drugs and suggested that one should take care of timing of medications.

Prof. B.N. Mallick delivered his talk on "Behavioral, biochemical, cellular, molecular and modelling approaches in studying neuron and brain." He discussed the working of the brain and highlighted that how various stimuli, such as cold and warm temperature affects the sensitivity of the nervous system. He explained in details about the various stages of sleep. He pointed out that rapid eye movement sleep (REMS) is a unique state expressed during sleep in the animals higher in evolution; it has been evolutionary conserved and it is under autonomic control of the brainstem neurons. He said that REMS serves house-keeping function of the brain.

Learning Outcome Assessment:

Twenty (20) participants coming from different parts of the country were taught how to use state-of-the-art techniques to study human rhythms, rhythms in animals, and how to analyze data to validate circadian rhythms (biological clocks). Participants were divided into four groups, namely JP Thapliyal, MK Chandrashekar, R. Subbaraj, and VK Sharma. On the last day of the workshop, each group presented what they have learned during the hands-on training program imparted to them. Each group presented the learning outcome and each member contributed to the presentation. Two unbiased judges with no conflicts of interest assessed their performance and judged the best presentation. The members of the winning group [JP Thapliyal] received a certificate. The participants who own the first prize are (1) Margaret Messiah Singh [Raipur]; (2) Hindole Ghosh [Bilaspur]; (3) Kuheli Sarkar [Jamshedpur]; and (4) Richa Sharma [Raipur].

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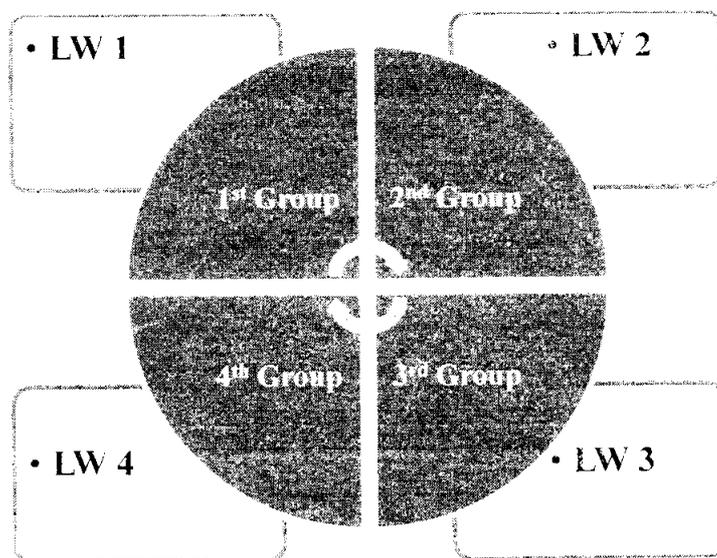
The valedictory function was organized at 5:00 pm in the Sir J.C. Bose Hall of the School of Life Sciences.

During the valedictory function following dignitaries were present: Prof. B.N. Mallick, JNU, Delhi; R Raveendran, Department of Pharmacology, JIPMER, Pondicherry; Prof. K.K. Sharma, Jamshedpur Co-operative College, Jamshedpur; Prof. A.K. Pati – Convener of the Workshop; Prof. R.K. Pradhan – Co-convener of the Workshop, and Dr. Arti Parganiha – Organizing Secretary of the Workshop.

Dr. A.K. Pati delivered the welcome address and spoke about the success of the National Workshop. The participants of the workshop gave their oral and written feedback. The dignitaries expressed their opinion on the Chronobiology Workshop. Finally, Dr. Arti Parganiha proposed the vote of thanks. Prior to this certificates and prizes were given away to the participants.

Hands-on Practice Session

Every day the lab session started at 14:00 and completed at 17:00. All the participants were divided into FOUR groups of five each. On the first day, the first group studied how to study biological rhythms of animals using infrared sensors. They were also instructed how to digitize the qualitative data into quantitative data. The second group studied the techniques of actimetry; how to study the sleep-wake rhythms in human subjects using actiwatches; and data analysis using the special software, such as Cosinor Rhythmometry. The third group studied the techniques of measuring rhythms in blood pressure in human subjects. They were instructed how to use the ABPM (Automatic Blood Pressure Monitor). They were also taught about the autorhythmometry technique. They also learned how to analyze data using ANOVA for validating the effect of the factor, TIME. The fourth group learned to measure the sleepiness level using various questionnaires. They were also taught to identify chronotypes using inventories, namely MEQ and MCTQ. From the 2nd day onwards the groups were rotated in the following manner to the Hands-on Practice Session:



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Local Sightseeing

The participants visited the Purkhouti Mukangan, Raipur on 25.03.2017.

Visit to NCNR, PRSU

The participants visited the NCNR, PRSU, Raipur on 26.03.2017.

People as Resource Persons

Resource Person	Address
Prof. B.N. Mallick	School of Life Sciences, Jawaharlal Nehru University, New Delhi
Prof. R. Raveendran	Department of Pharmacology, JIPMER, Pondicherry
Prof. K.K. Sharma	P.G. Department of Zoology, Jamshedpur Cooperative College, Jamshedpur, Jharkhand
Prof. Anita Jagota	School of Life Science, University of Hyderabad, Hyderabad
Prof. P. Subramanian	Department of Biochemistry & Biotechnology, Annamalai University, Annamalainagar Chidambaram
Dr. Minakshi Sinha	Additional Professor, Department of Physiology, All India Institute of Medical Sciences, Raipur, Chhattisgarh
Dr. Pankaj Kumar	Department of Zoology, Rajiv Gandhi University, Itanagar
Prof. A.K. Pati	School of Studies in Life Science, Pt. Ravishankar Shukla University, Raipur - 492010
Prof. R.K. Pradhan	School of Studies in Life Science, Pt. Ravishankar Shukla University, Raipur - 492010
Prof. Arti Parganiha	School of Life Sciences, Pt. Ravishankar Shukla University, Raipur - 492010

The lab work exercises were conducted by Prof. A.K. Pati, Prof. R.K. Pradhan, Prof. Arti Parganiha, Dr. Babita Pande, Pratibha Kujur, Kaushal Baghel, Armiya Sultan, Noorshama Parveen, Priyanka Chandel and Niharika Sinha.

Group	Topic of hands-on-practice session	People
1	(a) Study of locomotor activity rhythm using Stanford Kit (b) Digitization of data from the actogram	AK Pati, Pratibha Kujur & Kaushal Baghel
2	(a) Study of rest-activity rhythm of human subject using wrist actigraphy (AW2, AW Spectrum, Actical) (b) Computation of Dichotomy index and Autocorrelation coefficient (c) Cosinor rhythmometry	Arti Parganiha & Armiya Sultan

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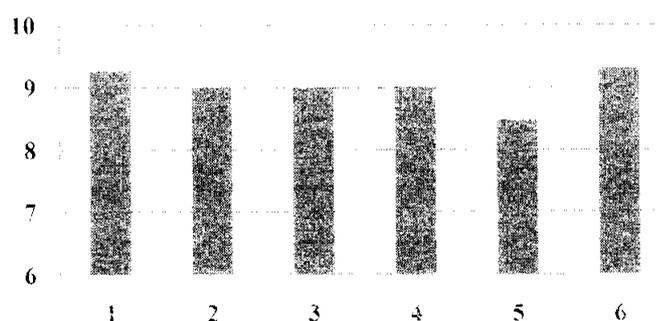
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3	(a) Blood pressure monitoring in human subject using ABPM (b) Circadian rhythms in various physiological parameters using autorhythmometry technique (c) Time Series Analysis using ANOVA	Babita Pande & Priyanka Chandel
4	(a) Measurement of sleepiness using VAS (Visual Analogue Scale), SSS (Stanford Sleepiness Scale), ESS (Epworth Sleepiness Scale), KSS (Karolinska Sleepiness Scale) (b) Chronotyping using MEQ and MCTQ	RK Pradhan, Noorshama Parveen & Niharika Sinha

Feedback

Participants of the Workshop gave their feedback on (1) the program, (2) the lectures delivered by the resource persons, and (3) the lab work. The scale of the assessment was from average (1) to excellent (10). The responses of the participants were overwhelming as was indicated from the higher scores.

The relative impact of the program has been depicted in **Figure-1**.



1 – Selection of lectures delivered; 2 – Quality of lectures; 3 – Contents of lectures; 4 – Duration of the Workshop; 5 – Study material provided; 6 – Faculty performance

Figure-1: Relative impact of the program [based on feedback from the participants]

The responses of the participants on each lecture, for resource persons (average score) and on lab work have been depicted in Figures 2-4, respectively.

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3rd National Workshop on Trends and Techniques in Chronobiology

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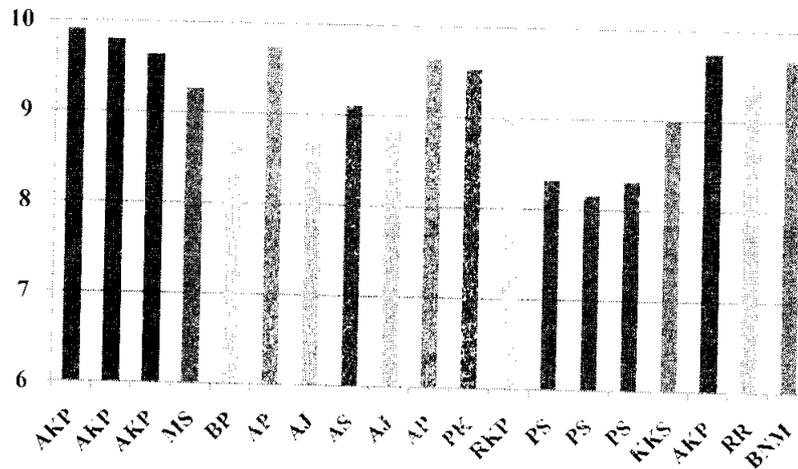


Figure-2: The responses of the participants on each lecture [based on feedback from the participants]

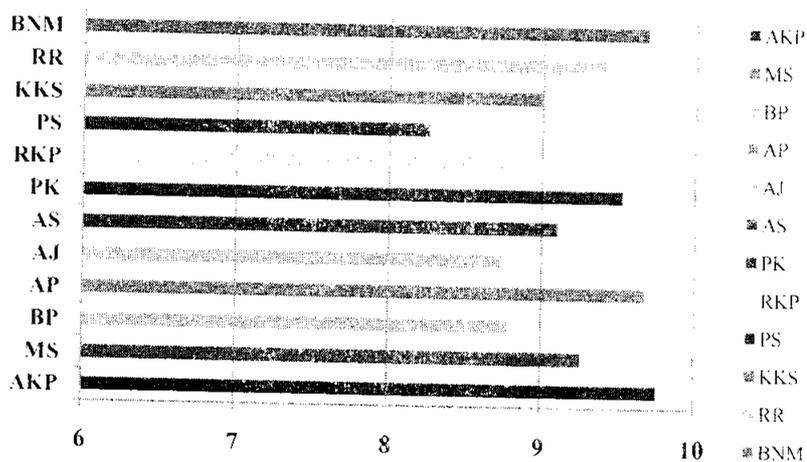
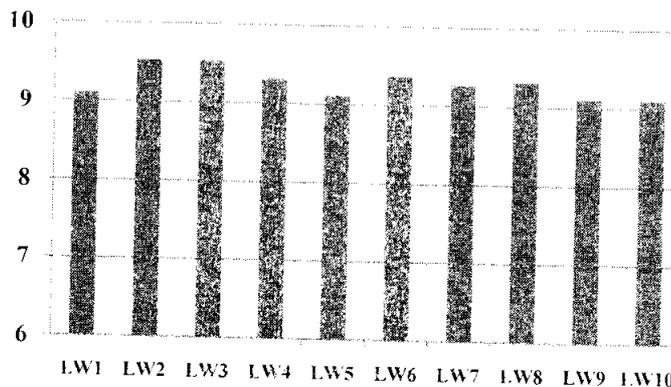


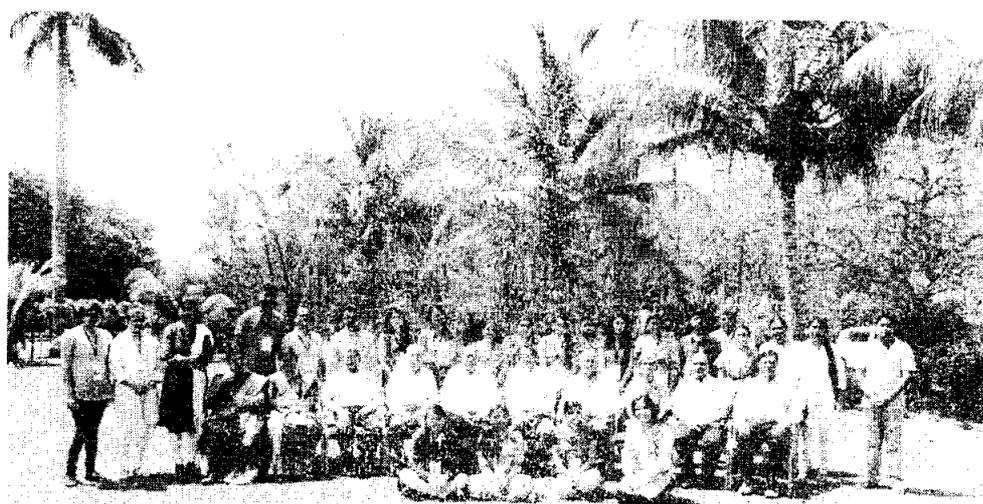
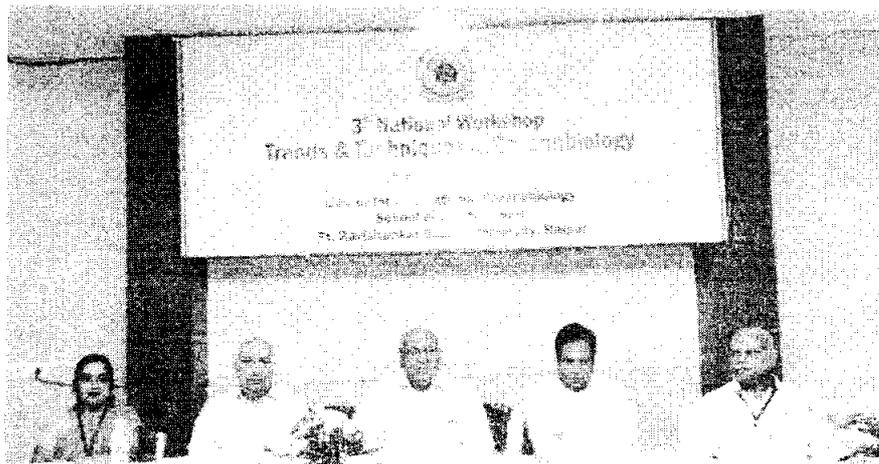
Figure-3: The responses of the participants for resource persons [average score based on feedback from the participants]



LW1 – Study of locomotor activity rhythm using Stanford Kit; LW2 – Digitization of data from the Actogram; LW3 – Wrist actigraphy; LW4 – Computation of Dichotomy Index and Autocorrelation coefficient; LW5 – Cosinor rhythmometry; LW6 – Ambulatory Blood Pressure Monitoring; LW7 – Autorhythmometry technique; LW8 – Time Series Analysis using ANOVA; LW9 – Measurement of sleepiness using questionnaires; LW10 – Chronotyping using MEQ and MCTQ

Figure-4: The responses of the participants on lab work [based on feedback from the participants]

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Pictures of the Inaugural Session, technical session, and Group photograph

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Voice of the participants

1. There should be one session that will give emphasis on designing of research, scientific writing, publication of research work on high impact factor journal, and funding agencies that provide research grants.
2. Lectures on specific statistical analysis along with software should be more.
3. Program should be organized for longer duration.
4. For the preparation of presentation by the participants, sufficient time should be allotted.
5. Number of lectures should be reduced.
6. The workshop lectures and lab works should be developed into e-modules.
7. Duration of sessions should be less.
8. Program should be held every year.
9. International resource persons should be invited.

Recommendations of the organizers:

1. More emphasis should be given on hands-on-practice session.
2. Workshop should be organized for longer duration.
3. Such programs should be supported generously by various funding agencies of the country.


(Atanu Kumar Pati)
Convener


(Arti Parganiha)
Organizing Secretary



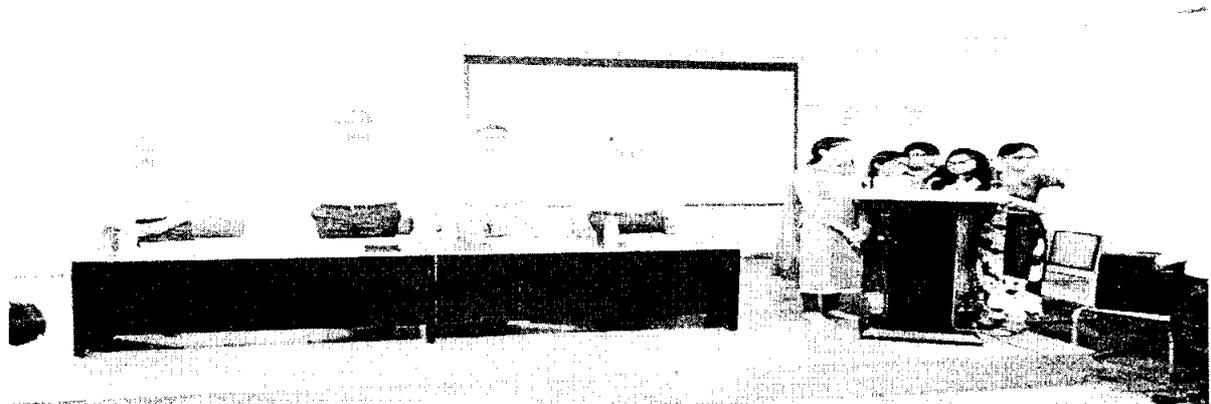
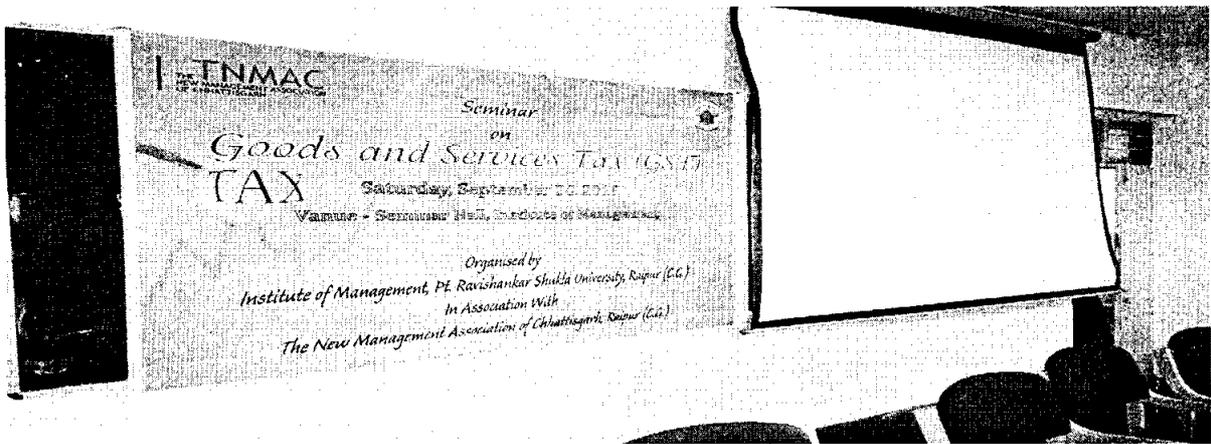
B. G. J.
Mamun
MBP

24th Sept seminar on GST

Institute of Management in association with The New Management Association of Chhattisgarh conducted a one day seminar on GST on 24th Sept 2016 in the seminar hall of Institute of Management at 11:00 AM. The Seminar was attended by speakers like Shri Arun Gaur, Joint President Century Cement, Shri. Abhishek Mahawar, CA, Raipur and Shri. Kamal Kishore, Secretary The New Management Association of Chhattisgarh

The welcome address was given by Prof. A K Srivastava, Director, Institute of Management. Shri Arun Gaur, Joint President Century Cement discussed on topic GST Overview, wherein the speaker informed the gathering on Understanding the need for GST, Discussion on GST Provisions, rules and its procedures, Implications of GST on Current business arrangements, Transition to GST from existing practices, Do's and Don'ts in GST, Constitutional Amendment, Legislative framework of GST, GST Council, Goods and Service Tax Network (GSTN), products out of GST, features of GST, Levy of Tax, etc before concluding the 1st technical session. Shri. Abhishek Mahawar, CA, Raipur discussed that on topic GST-CS Perspective, wherein the speaker informed the gathering on Time of supply, Valuation of Goods & Services, Place of Supply (POS) of goods and services, Registration, GST CS perspective, Interstate vs intra state supply, registration (sec 23-27), Opportunities to CS under GST where in the speaker informed that the GST is less complicated and gives more importance to procedures, Compliance vis-à-vis Litigation practice, CS both in employment and practices has role to play in the following areas: As Advisor of GST law and interpretation, Valuation of goods or services, Preparation of Standard operative procedure (SOP) for various types of transactions, Procedural compliance like – Registration, Filing returns etc, Consultancy Services, Structuring the transaction (IGST or CGST), Educating clients and restructuring their business system, Support clients on refund claims, Health check-up and tax planning, Representation services etc before concluding the 2nd technical session.

Shri Kamal Kishore proposed the vote of thanks. The seminar was attended by 102 participants.



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Important Dates:	
Last date for Abstract submission	15 February 2017
Acceptance of Abstract	28 February 2017
Last date for registration	15 March 2017
Conference dates	28-30 March 2017

Registration Fee (In INR)	
For students:	1200/-
Delegates from Academic Institutions (LSI Member):	1500/-
Delegates from Academic Institutions (Non Life Members):	1800/-
Industry Delegates:	2000/-

Registration Guidelines: Registration fee should be paid either by DD in favour of "HOD ELECTRONICS", payable at State bank of India, PRSU Branch, Raipur or in cash or Electronic transfer to "HOD ELECTRONICS", Account No. 36372982441, IFS Code: SBIN0003739, Branch Code: 03739, Branch: SBI, PRSU, Raipur.

All presented papers will be reviewed and published in the Special Issue of International Journal of Luminescence and its Applications (IJLA)

Accommodation
Free accommodation will be arranged for students, outstation participants on first come first serve basis. Participants are required to inform the CONVENER well in advance.

Sponsors (Tentative)
DAE, CSIR, UGC, AICTE, DRDO, DIT, BRNS, ICMR, DET, CCOST

Financial Assistance
Due to limited funds, travel support to the maximum 11nd class sleeper will be provided to some of the selected student participants.

Weather Information
Raipur is the capital city of the developing state Chhattisgarh. Raipur has a tropical wet and dry climate. Summer season started by the mid of March, with temperature between 27-35 degree Celsius. Light clothing might be necessary.

How to Reach Raipur
Raipur is well connected by Air/ Rail/Road Transport, and situated on the Mumbai-Nagpur-Howrah route of the Indian Railways. It has connection of Air with direct flight from New Delhi, Mumbai, Kolkata, Bhubaneswar, Bhopal, Indore Hyderabad, Bangalore and Nagpur.

How to reach at Pt. Ravishankar Shukla University, Raipur?
The area where university is situated is called 'AAMA-NAKA'.

From Raipur Railway Station Railway station is approx 05 kms away from the University. Prepaid Autos available at Railway Station with the fare around Rs 80/-. Raipur City Buses are also regularly plying from Railway Station to Aama-Naka, Pt. Ravishankar Shukla University.

From Raipur Airport (MAANA) Raipur Airport is situated at Maana, south of Raipur City, 18 kms from the University. Private taxi service is available from the airport. The fare is~ Rs. 350/- from the airport to University campus. Raipur City Buses are also available from outside the Airport. Bus Route will be from Airport to Ghadi:chowk and then from Ghadi:chowk to University/Aamanaka. The fare is about Rs. 20 per head.

Conference Organizing Committees

Patron : Prof S. K. Pandey

NSSEMA 2017 - Committees

- Chairman : Prof R. C. Agrawal
Prof Sanjay Tiwari
- Director : Prof R. N. Baghel
- Conveners : Prof Kavita Thakur
Prof Nameeta Brahme
- Secretary : Prof D.P. Bisen
- Joint-Secretary : Dr. A. S. Gaur
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- Prof. Ajit Kambhavi : IUCAA, Pune
- Dr. K.V. R. Murthy : President, LSI, MS University, Baroda
- Prof. Ajit Kulkarni : IIT, Pawai
- Dr. S. J. Dhoble : RTM Nagpur University
- Dr. V. Natarajan : Ex. BARC, Mumbai
- Dr. D. Harnath : NPL, New Delhi
- Dr. K. K. Biswas : IIT, Delhi
- Prof. Ashis Ghosh : ISI, Kolkata
- Prof. S. K. Tiwari : Director, NIT, Raipur

Local Organizing Committee

- Dr. Prafulla Vyas : Ms. Shweta Tiwari
- Mr. Yugalkishore Mahipal : Ms. Pranita Tamboli
- Ms. Shalini Tigga : Mr. Sunandan Mandal
- Ms. Geetanjali Tiwari

Contact Person:
Prof. Kavita Thakur
Convener, NSSEMA 2017,
Head, SOS in Electronics and Photonics,
Pt. R. S. University, Raipur (C.G.)
Contact No. - 09926801119

**First announcement of
National Conference
On
SIGNAL PROCESSING, SUSTAINABLE
ENERGY MATERIALS
AND
ASTRONOMY & ASTROPHYSICS
(NSSEMA 2017)**

28th -30th March, 2017



**Organized by
S.O.S in Electronics & Photonics,
S.O.S in Physics & Astrophysics
Pt. Ravishankar Shukla University,
Raipur (C.G.)
(NAAC Accredited with Grade 'A')
and
Luminescent Society of India**

National Conference on Signal Processing, Sustainable Energy Materials and Astronomy & Astrophysics (NSSEMA 2017)

March 28-30, 2017

A three-day Conference, NSSEMA 2017, is going to be organized by School of Studies in Electronics and School of Studies in Physics & Astrophysics, Pt. Ravishankar Shukla University (PRSU), Raipur, Chhattisgarh, India (492010) in collaboration with Luminescence Society of India (LSI).

Target Participants

The Conference is intended for the participation of Young Faculty members of various Universities/Institutions, Colleges, Research Students and Post Graduate (PG) Students.

Aims of the Conference

The conference aims at the following objectives:

- To exchange the latest state of the art scientific information in the field of Signal Processing, Sustainable Energy Materials and Astronomy & Astrophysics.
- To provide a platform to the participants for exchanging the knowledge and for interacting with senior scientists of international repute so as to get acquainted with the international scenario of the concerned fields.
- To establish a working relationship and to explore the future research prospects by way of inter-institutional collaborations.

Relevance of Conference

Over the last three decades, there has been tremendous growth in the development and application of Signal Processing algorithms. Rapid advances in Communication Technology, Computer & Information Technology, and VLSI have spurred unprecedented research activities not only in the classical statistical signal processing areas, but also in the emerging areas such as wireless communications, sensor signal processing, distributed signal processing, Intelligent signal processing. It has attracted considerable attention due to advances in signal processing and communication. This has resulted in the development of many novel and innovative signal processing algorithms and methods.

The researchers in Material Science have brought about many fruitful results for example in the field of luminescence, energy saving lighting devices such as LCD, CFL, OLED etc. have changed the quality of life in all together. Invention of solid state batteries is commonly used in Cell Phones, Laptops etc. A future belongs to solid state lighting devices which save the energy and many types of sensor are on the way to revolutionize the scientific world and in turn the society.

Astronomical and Astrophysical Studies enclose the frontier areas like stellar, galactic & extragalactic Astronomy, solar Physics, cosmology and gravitational wave Astronomy. With the establishment of Reference Centre of Inter University Center for Astronomy and Astrophysics (IUCAA) at SoS in Physics and Astrophysics, PRSU Astronomical studies have become inevitable and imperative for research promotion in this region.

Therefore, it is relevant to organize a conference in Signal Processing, Sustainable Energy Materials and Astronomy & Astrophysics (NSSEMA-2017) to keep abreast of the cutting edge research going on globally.

About the Conference:

Signal processing, Sustainable Energy Materials and Astrophysics are the driving heartbeats in the development of technologies that enrich our lives and advance our society. The conference provides, both for researchers and developers, an engaging forum to exchange ideas and propel new developments in this field. This conference will facilitate a fantastic opportunity to network with like-minded professionals from around the country. The organizing committee hereby invites scientists / technologists engaged in basic as well as applied research in Universities, Research Institutions and Industries to participate. The scientific sessions will comprise plenary talks, invited talks, technical talks and contributed papers (both oral and poster). Following thematic sessions are planned:

Topics include but are not limited to:

In the field of Signal Processing

- Audio and acoustic signal processing
- Bio-imaging and biomedical signal processing
- Speech processing
- Machine learning for signal processing
- Multimedia signal processing
- Image, video & multidimensional signal processing
- Optical Signal processing and display technology

In the field of Sustainable Energy Materials

- Solid State Ionic Materials
- Polymer Electrolytes
- All Solid State Battery Applications
- Photo Luminescence
- Thermo Luminescence
- Optically Stimulated Luminescence (OSL)
- Different types of Luminescence
- Industrial applications of phosphors
- Phosphors for solar cell

In the field of Astronomy & Astrophysics

- CCDs and Image Processing
- Robotic Control and System automation
- Space Astronomy

About Luminescent Society of India (LSI)

Luminescent Society of India (LSI), founded in 1990, provides a forum for interaction for Indian scientists and technologists with affiliation to different universities and research institutions in the field of Luminescence and their applications by organizing annual conferences regularly. Four international conferences were successfully organized wherein Indian researchers were joined by a large number of foreign scientists.

About University

Pt. Ravishankar Shukla University is Chhattisgarh's largest and oldest institution of higher education, founded in 1964. The campus of University is spread in 207 acres. It is well connected by air, rail and road between Howrah and Mumbai, and lies on NH-6. The campus is located at about 10 kilometers from the airport and about 4 kilometers from the railway station. There are Twenty-Nine teaching departments in the University. The total number of employees is 700. There are 5000 students enrolled for variety of courses and more than 100 faculty members are work for university. There are 180 educational institutions affiliated to the University.

About the Department

Department Started journey from 1994 and conducts full time courses leading to M.Sc. (Electronics) and M.Tech. (Opto- electronics & Laser Technology). The faculty members are actively engaged in research as well as supervision of research leading to a Ph. D degree in the field of optical electronics, semiconductors, Speech & Image Signal Processing and microelectronics. The Department has international collaborations and several research projects funded by the UGC, CCOST, USIEF and UK-India Consortium British Council.

About Physics and Astrophysics

The School of Studies in Physics & Astrophysics was established in the year 1972. Since its inception, the department has been imparting quality education at PG level and advanced research in frontline areas of Physics with major focus on Solid State/Condensed Matter Physics/Materials Science and Astronomy & Astrophysics (A&A), so that students of this region get academically benefited at par with any leading National/International institutions. It is worth mentioning that Pt. Ravishankar Shukla University is one amongst only few Indian Universities, and the one in the new state of Chhattisgarh, where teaching and research in Astronomy and Astrophysics (A&A) is being carried out in the Physics Department. In material Science, two groups are there: Luminescent materials research group and solid state Ionics group. The department was recognized as Center of Excellence (1987-1992) by M.P. Uchcha Shiksha Anudan Ayog, Bhopal. The department has received DST-FIST twice.

Submission of Abstract:

Author should submit an abstract original, unpublished paper not exceeding 500 words without figures and tables. The abstract should include:

- Title MS Word in Arial (Size 16 Points) in single spacing
- Authors name MS Word in Arial (Size 14 Points)
- Affiliation MS Word in Arial (Size 12 Points)
- Abstract MS Word in Arial (Size 12 Points) in single spacing

Abstract should briefly include the purpose of study, methods, results and conclusions. At the bottom of the page, please indicate the category (thrust area). Abstract should be submitted through e-mail nssema2017@gmail.com. The entire submitted abstract will be scrutinized by a reviewing committee and notice of the acceptance will be sent by e-mail.

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Scientific Program

**NATIONAL CONFERENCE ON SIGNAL PROCESSING,
SUSTAINABLE ENERGY MATERIALS AND ASTRONOMY AND
ASTROPHYSICS (NSSEMA -2017)**

March 28-30, 2017

**SoS in Electronics & Photonics and SoS in Physics & Astrophysics
Pt. Ravishankar Shukla University, Raipur, 492010, (C.G) INDIA**

28th March 2017

Day 1st

Inaugural Session

Venue: Auditorium, Pt. RSU

09:00 – 10:00: **Registration**

10:00 – 11:40: **Inaugural Session**

11:40 -12:00: **High Tea**

Venue: R. V. Raman Hall, Science Block

Technical Session – I (SP)

Chairmen: Prof. Shirshu Verma and Prof. Kavita Thakur

Rapporteurs: Priyanka Roy and Abhijeet Yadav

12:00-12:40: **Key Note: Prof. K.Biswas**

12:40-13:10: **Invited Talk 1: Prof. Omar Farooq**

13:10-13:40: **Invited Talk 2: Prof. Sanjeev Tokkekar**

13:40-14:10: **Oral Session (OSP-1, OSP-2)**

14:10-14:50: **Lunch**

14:50-15:30: **Poster Session (PSP-I to PSP-15)**

Technical Session – II (SP)

Chairmen: Prof. K. Biswas and Prof. Sanjay Kumar

Rapporteurs: Kamal Solanki and Neelima Sinha

15:30-16:00: **Invited Talk 3: Prof. Shirshu Verma**

16:00-17:45: **Oral Session (OSP-3 to OSP-9)**

17:45-18:00: **Tea Break**

20:00-21:30: **Dinner**

Handwritten signature: N. Verma
SoS in Electronics & Photonics
Pt. Ravishankar Shukla University, Raipur



Scientific Program

**NATIONAL CONFERENCE ON SIGNAL PROCESSING,
SUSTAINABLE ENERGY MATERIALS AND ASTRONOMY AND
ASTROPHYSICS (NSSEMA -2017)**

March 28-30, 2017

**SoS in Electronics & Photonics and SoS in Physics & Astrophysics
Pt. Ravishankar Shukla University, Raipur, 492010, (C.G) INDIA**

**29th March, 2017
Day 2nd**

08:30 – 09:30: Breakfast

Technical Session – III (SEM)

Chairmen: Prof. R.C. Agrawal and Prof. R.S. Kher

Rapporteurs: Shweta Sharma and Nandini Sahu

10:00-10:30: **Invited Talk 4: Prof. R.K. Pandey**

10:30-11:00: **Invited Talk 5: Prof. K.V.R. Murthy**

11:00 -11:20: **Tea Break**

11:20-11:50: **Invited Talk 6: Prof. B. S. Panigrahi**

11:50-13:35 Oral Session (OSEM-1 to OSEM-7)

13:35-14:30: **Lunch**

14:30-15:30: Poster Session (PSEM-1 to PSEM-33)

Technical Session – IV (SEM)

Chairmen: Prof. K.V.R. Murthy and Prof. Ravi Sharma

Rapporteurs: Shrabani Karan and Yogendra Sao

15:30-16:00: **Invited Talk 7: Prof. Giribabu Lingamallu**

16:00-16:30: **Invited Talk 8: Prof. S.A. Hashmi**

16:30-17:45: Oral Session (OSEM-8 to OSEM-12)

17:45 -18:00: **Tea Break**

19:00-20:30: **Cultural Program by Swati's management Sponsored by Department of
Culture and Archaeology, Govt. of Chhattisgarh**

20:30-21:30: **Dinner at residence of the Vice chancellor, Pt. RSU Raipur**

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29/03/2017

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Scientific Program

**NATIONAL CONFERENCE ON SIGNAL PROCESSING,
SUSTAINABLE ENERGY MATERIALS AND ASTRONOMY AND
ASTROPHYSICS (NSSEMA -2017)**

March 28-30, 2017

**SoS in Electronics & Photonics and SoS in Physics & Astrophysics
Pt. Ravishankar Shukla University, Raipur, 492010, (C.G) INDIA**

**30th March, 2017
Day 3rd**

08:30 – 09:30: **Breakfast**

Technical Session – V (A&A)

Chairmen: Dr. N.K. Chakradhari and Dr. B.G. Sharma

Rapporteurs: Amit Tamrakar and Mahendra Verma

09:30-10:00: **Invited Talk 9: Prof. Sunetra Giridhar**

10:00-10:30: **Invited Talk 10: Prof. S.K. Pandey**

10:30-11:00: **Invited Talk 11: Prof. H. P. Singh**

11:00-11:30: **Tea Break**

11:30 -12:00: **Invited Talk 12: Prof. M. K. Patil**

12:00-12:30: Oral Session (OAA1 –OAA2)

12:30- 13:30: Poster Session(PAA-1 to PAA-4)

13:30-14:30: **Lunch**

Technical Session – VI (A&A and SEM)

Chairmen: Prof. R. N. Baghel and Prof. Anjali Oudiya

14:30-15:00: **Invited Talk 13: Dr.G.R.Sinha**

15:00-15:30: **Invited Talk 14: Prof. Meera Ramrakhiani**

15:30-15:45: **Tea Break**

15:45-16:45: Valedictory and Certificate Distribution

N. Anjali

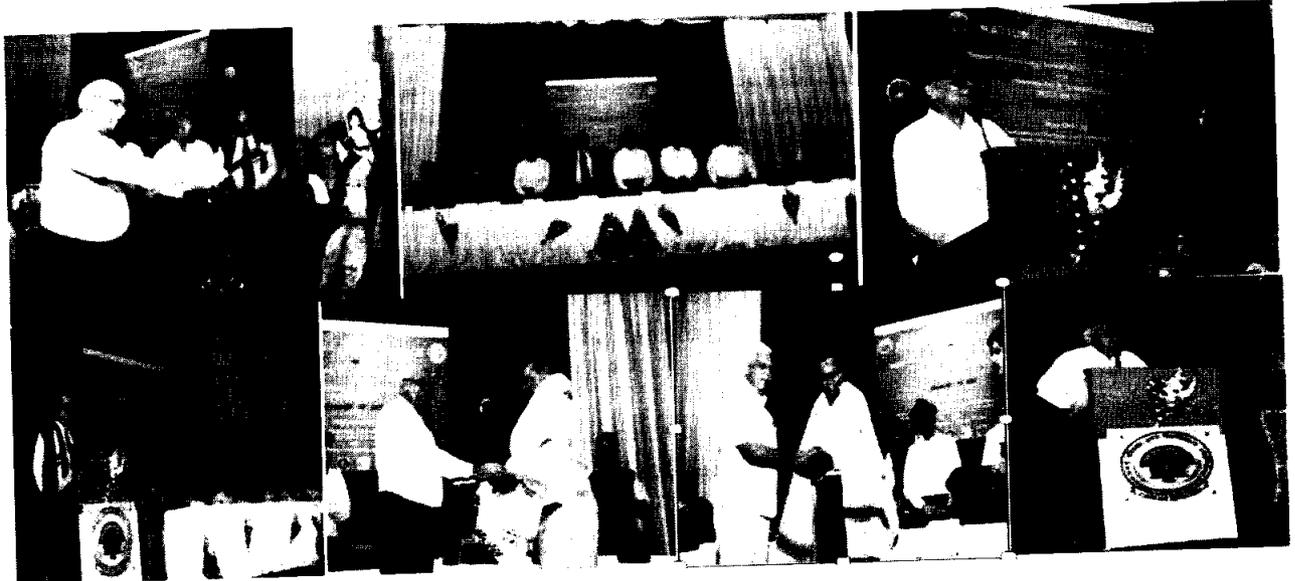
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**NATIONAL CONFERENCE ON SIGNAL PROCESSING, SUSTAINABLE ENERGY
MATERIALS AND ASTRONOMY AND ASTROPHYSICS**

It is a matter of great privilege that School of Studies in Electronics & Photonics and School of Studies in Physics and Astrophysics and Luminescence Society of India organized 3-days National Conference on Signal Processing, Sustainable Energy Materials and Astronomy and Astrophysics (NSSEMA).

On the first day i.e. on 28th of March 2017, conference was inaugurated by chief guest Prof. R. K. Pandey, Vice-Chancellor of IMS-UNISON University, Dehradun, Guest of Honor Prof. K.V. R. Murthy, President of Luminescence Society of India (LSI), and Honorable Vice-Chancellor Prof. S. K. Pandey.

The inaugural session was started with the welcome speech by Prof. Kavita Thakur, Convener and Head Electronics followed by the releasing of souvenir. Chief Guest Prof. R.K Pandey has explored the opportunities in the area of Science and Technology. The informative speech was delivered by our Vice Chancellor, Prof. S.K. Pandey. Prof. K.V.R. Murthy briefly described the activities of LSI. In felicitation ceremony, Prof. D. K. Chakraborty, Prof. R. C. Agrawal and Prof. R. N. Baghel were honored for their extraordinary contribution in teaching and research. Vote of thanks was delivered by the secretary of the conference Prof. D. P. Bisen.



27/3/2017

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The technical session was started with invited talk by **Prof. Omar Farooq** of Aligarh Muslim University, Aligarh. He gave presentation on the topic "**MIND READING: EEG BASED DECODING OF IMAGINED WORDS**" in which he discussed about the human brain signal processing. The second invited talk was delivered by **Prof. Sanjiv Tokkekar** of Devi Ahilya University, Indore in the topic "**APPLICATION BASED VERTICAL HANDOFF DECISION IN UMTS-WLAN INTEGRATED NETWORK**". He discussed about the UNIVERSAL MOBILE TELECOMM SYSTEM(UMTS) and hands-off scheme for mobile networking. **Prof. Shirshu Varma** of IIT Allahabad also delivered invited talk in the topic "**CONFIGURING WIRELESS SENSOR NETWORK FOR 10 T APPLICATIONS**". He discussed about the mechanism of sensor nodes for various 10T applications. 9 orals and 10 posters were presented by delegates from various institutes and colleges of Chhattisgarh and outside state.



Naveel

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On the second day of the conference i.e on 29 th March 2017, technical session on the topic Sustainable Energy Materials was organized. The session was started with invited talk-by **Prof. R. K. Pandey** in the topic "**MATERIALS AND TECHNOLOGY FOR A SUSTAINABLE ENERGY FUTURE**" in which photovoltaic materials are discussed and focused in the issue that how to increase the efficiency of the solar cell. Followed by another invited talk by **Prof.K.V.R. Murthy** in the topic "**NEW TRENDS IN LIGHT EMITTING DIODES(LED) AND PHOSPHORS**" in which he introduced about the Luminescent Materials , their applications and the fabrication of blue and white LEDs. A very interesting and conceptual invited talk was delivered by **Prof. B. S. Panigrahi**, Indira Gandhi Atomic Research Center, Kalapakkam on "**LUMINESCENCE STUDIES OF LANTHANIDES/URANIUM IN ALKALINE EARTH BOROPHOSPHATES**". He discussed about the Luminestic property of Lanthanide Materials and its applications. **Prof. S. A. Hashmi** of Delhi University in his invited talk focused on **QUASI SOLID STATE SUPERCAPACITORS**, their fabrication and applications. He also discussed about the performance characteristics of the solid state EDLCs and Gel Polymer Electrolytes. 10 orals and 25 posters were presented by delegates from various institutes and colleges of Chhattisgarh and outside state.



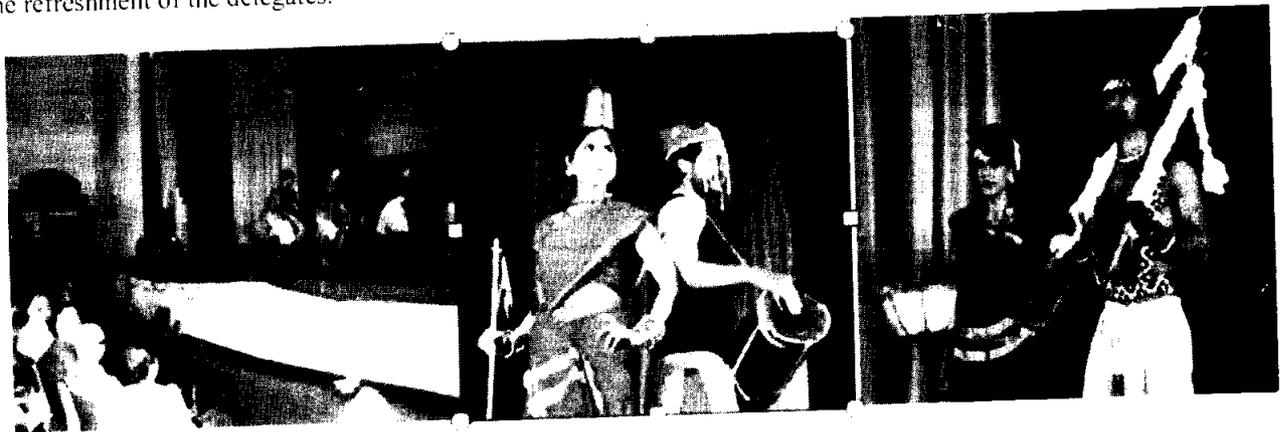
Amal

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In the award ceremony of LSI, life time achievement award was given to Prof. R. N. Baghel for his extraordinary contributions in the field of Luminescence.



A colorful event was organized in the second day evening in the campus auditorium by Swati Group of Management for the refreshment of the delegates.



Swati

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On the third day of the conference i.e on 30 th March 2017, technical session on the topic Astronomy and Astrophysics was organized. The session was started with the technical talk by **Prof. Sunetra Giridhar**, IIA Bengaluru on the topic "**AN ECHALLE SPECTROGRAPH FOR TO 2m HCH SYSTEM**". She has delivered a very interesting talk in very simple words about the development of system description for ECHELLE spectrograph and also focused on early science results, science drivers, the choice of optical design and HESP specification. **Prof. S. K. Pandey** delivered an extensive talk on the topic **ISOPHOTE SHAPES, DUST AND COMPLEX ISM IN NEARBY EARLY-TYPE GALAXIES (ETGS)**. He introduced what are the galaxies, early type of galaxies, galaxies morphology, and different shapes of galaxies. Next invited talk was delivered by **Prof. H.P Singh** of Delhi University on **ASTRONOMY IS LOOKING UP -INDIA'S PARTICIPATION IN THE MEGA PROJECTS**. He informed about the stars, how to measure brightness and temperature of stars, various instruments related with this measurements. He also introduced about the factors that are responsible for the selection of various types of telescopes. **Prof. M. K. Patil** of SRTM University, Nanded delivered talk in the **ACCRETION TRIGGERED AGN FEEDBACK IN THE CORES OF GALAXY CLUSTERS**. He also focused on the feedback processes that are involved in the cores of the galaxy clusters with an emphasis on the AGN feedback and its observable signatures.

Followed by two technical talks-

First one was delivered by **Dr. Parijat Thakur** of GGU, Bilaspur, an excellent talk on **TRANSIT TIMING VARIATIONS ANALYSIS OF EXTRA-SOLAR PLANET QATAR- 1B** using 38 curves. His research group had taken observations by 2m Himalayan Chandra telescope at the Indian Astronomical Observatory, HANLE, and India. Second one was delivered by **Lakshmikant Choure** on the topic **HUNTING FOR LOW SURFACE BRIGHTNESS GALAXIES THROUGH ASTRONOMICAL IMAGE PROCESSING**.

A very interesting an exhaustive invited talk on **ASTRONOMICAL IMAGE AND REMOTE SENSING IMAGE PROCESSING** was delivered by **Dr. G.R. Sinha**, CMR College Hyderabad. **Prof. Meera Ramkayani** of Rani Durgawati University, Jabalpur delivered talk on **NANOSTRUCTURES AS SUSTAINABLE ENERGY MATERIALS IN PEC SOLAR CELLS**. She emphasized how to harvest energy from Die Synthesized and Multilayered Photochemical Solar Cell using various Nano Structures. 04 posters were presented in this session.

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At the end, the vote of thanks has been given by Director of NSSEMA 2017, Dr. R. N. Baghel and best wishes were conveyed to all the delegates, participants, students and research scholars by the conveners Prof. Namita Brahme and Prof. Kavita Thakur.



Namita

Director



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**ICSSR SPONSORED TEN DAYS WORKSHOP ON TRAINING PROGRAMME
ON RESEARCH METHODOLOGY /SPSS/ CAPACITY BUILDING WORKSHOP
IN SOCIAL SCIENCE FOR Ph.D STUDENT (ST. CATEGORY)**

WORKSHOP REPORT



Organized by

School of Studies in Sociology

Pt. Ravishankar Shukla University, Raipur (C.G.)-492010

For the Period from 19/07/2016 to 28/07/2016

Course Director

Dr. Nister Kujur

Associate Professor

School of Studies in Sociology,

Pt. Ravishankar Shukla University, Raipur (C.G.) -492010

Mob. No. 08982463227, Email Id. nister.kujur@yahoo.com

उद्घाटन कार्यक्रम (Inaugural Function):

- कार्यक्रम के मुख्य अतिथि – प्रो. एस.एन. चौधरी, राजीव गांधी शोध पीठ, बरकतुल्लाह
एवं पर्यवेक्षक विश्वविद्यालय, भोपाल (म.प्र.)
- कार्यक्रम के अध्यक्षता – प्रो. एस. के. पाण्डेय, कुलपति, पं. रविशंकर शुक्ल विश्वविद्यालय,
रायपुर (छ.ग)
- कार्यक्रम के विष्टि अतिथि – डॉ. पी. के. शर्मा, प्रध्यापक एवं अध्यक्ष, समाजशास्त्र अध्ययनशाल,
पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर (छ.ग)
- कार्यक्रम स्थल – मानव संसाधन विकास केन्द्र, पं. रविशंकर शुक्ल विश्वविद्यालय,
रायपुर (छ.ग)

कार्यशाला का दिनांक 19.07.2016 समय 10.30 बजे से 11.30 बजे सम्पन्न हुआ। उद्घाटन समारोह में कोर्स समन्वयक डा. निस्तर कुजूर, समाजशास्त्र अध्ययनशाल, पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर द्वारा कार्यक्रम में अतिथियों एवं प्रतिभागियों का स्वागत किया गया इसके पश्चात् प्रो. एस. के. पाण्डेय, माननीय कुलपति, पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर (छ.ग) एवं पर्यवेक्षक प्रो. एस.एन. चौधरी, राजीव गांधी शोध पीठ, बरकतुल्लाह विश्वविद्यालय, भोपाल (म.प्र.) का पुष्प-गुच्छ से स्वागत किया। उद्घाटन कार्यक्रम संक्षिप्त रखा गया था।

उद्घाटन समारोह में प्रतिभातियों को संबोधित करते हुए सर्वप्रथम प्रो. एस.एन. चौधरी, राजीव गांधी शोध पीठ, बरकतुल्लाह विश्वविद्यालय, भोपाल (म.प्र.) ने कार्यशाला के महत्व पर प्रकाश डालते हुए उन्होंने कहा कि मध्य भारत के राज्यों में खासकर छत्तीसगढ़, मध्यप्रदेश एवं राजस्थान आदि राज्यों उच्च शिक्षा में जनजाति बच्चे बहुत कम पहुंच पाते हैं और इन बच्चों में शोध कार्य में जुड़ने वाले बच्चों की संख्या बहुत कम होती है। यदि इन बच्चों के द्वारा शोध कार्य में जुड़ते भी हैं तो रिसर्च ज्ञान के अभाव में इनमें एक तरह का भय बना रहता है और बराबर ज्ञान के अभाव में बच्चों में आत्मविश्वास जग नहीं पाती है, उन्होंने अपने उद्बोधन में कहा कि आई.सी.एस.एस.आर का यह कार्यशाला विश्वविद्यालय स्तर पर आयोजन लगातार होते रहना चाहिए इससे अनुसंधान के स्तर में सुधार होगा और क्षेत्र की समस्याओं के समाधान करने में मदद मिलेगा। छत्तीसगढ़ जनजातीय बाहुल्य राज्य है जहां कई समस्याएं हैं इन समस्याओं के अध्ययन के लिए क्षेत्र से जुड़े लोग समस्या से अधिक परिचित होते ऐसे में जनजाति छात्र/छात्रा शोध कार्य में जुड़े और उन्हें रिसर्च मेथडॉलाजी अच्छा ज्ञान हो तो कई समस्याओं समझने और उसके समाधान करने में यह कार्यशाला कारगर होगी। उन्होंने कार्यशाला अन्त में माननीय कुलपति जी, प्रतिभातियों एवं कोर्स समन्वयक को धन्यवाद देते हुए अपने उद्बोधन को समाप्त किया।

कार्यक्रम के अध्यक्षता कर रहे प्रो एस. के. पाण्डेय, माननीय कुलपति, पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर (छ.ग) ने अपने उद्बोधन में कार्यक्रम में कार्यशाला के पर्यवेक्षक, प्रो. एस.एन. चौधरी

प्रतिभागियों को रिसर्च की बारीकियों को सीखने और उच्च स्तर के शोध कार्य करने के लिए प्रेरित किया तथा आई.सी.एस.एस.आर. के कार्यशाला का अधिक से अधिक लाभ उठाने के लिए प्रोत्साहित किए ।

उदघाटन समारोह के अन्त में ट्रेनिंग कार्यशाला के कोर्स समन्वयक, डॉ. निस्तार कुजूर ने मुख्य अतिथि प्रो. एस.एन. चौधरी एवं माननीय कुलपति जी प्रो. एस.के. पाण्डेय, तथा सभागार में उपस्थित प्रध्यापकों एवं प्रतिभागियों को धन्यवाद एवं अभार व्यक्त करते हुए कार्यक्रम समाप्त होने घोषणा की ।

समापन कार्यक्रम ;Valedictory Session) :

समापन्न समारोह के मुख्य अतिथि	— प्रो. ए. के. पाण्डेय, डीन, सामाजिक विज्ञान संकाय, पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर (छ.ग.)
समारोह के विषिष्ट अतिथि	— प्रो. पी.के. शर्मा, अध्यक्ष, समाजशास्त्र अध्ययनशाला, पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर (छ.ग.)
समारोह के कार्यक्रम की अध्यक्षता	— डॉ. निस्तार कुजूर, कार्यशाला संचालक, समाजशास्त्र अध्ययनशाला, पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर (छ.ग.)
कार्यक्रम स्थल	— मानव संसाधन विकास केन्द्र, पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर (छ.ग.)
समय	— 3.30 से 5.30 बजे अपराह्न

कार्यशाला के समापन्न समारोह में सर्वप्रथम कार्यशाला के संचालक डॉ. कुजूर द्वारा दोनो अतिथि एवं सभागार में उपस्थित प्रध्यापकों और प्रतिभागियों को स्वागत किया तथा मुख्य अतिथि एवं विषिष्ट अतिथि का पुष्प गुच्छ से स्वागत किया। इसके पश्चात संचालक द्वारा 10 दिन में हुए व्याख्यान एवं व्याख्यान पर आधारित प्रयोगिक कार्य, एस.पी.एस.एस, फिल्ड वर्क का विस्तारपूर्वक प्रस्तुत किया गया, इसके पश्चात 10 दिवस में हुए व्याख्यान और उससे संबंधित प्रायोगिक कार्य से प्रतिभागियों के ज्ञान के स्तर में कहां तक वृद्धि हुई 04 बच्चों द्वारा प्रस्तुति दी गई। इसके पश्चात समापन्न समारोह के विषिष्ट अतिथि प्रो. पी.के. शर्मा का उदबोध हुआ और अन्त में समापन्न समारोह के मुख्य अतिथि प्रो. ए. के. पाण्डेय, डीन, सामाजिक विज्ञान संकाय, पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर (छ.ग.) का उदबोधन हुआ जिसमें उन्होंने प्रतिभागियों को संबोधित करते हुए कहा कि वर्तमान में सामाजिक विज्ञान संकाय में शोध के स्तर को सुधारने की आवश्यकता है तथा वर्तमान में अनुसंधान से जुड़े बच्चे मेहनत करना नहीं चाहते समाज में कई सामाजिक समस्याएं हैं जिन पर अनुसंधान की आवश्यकता है। अच्छा अनुसंधान कार्य के लिए रिसर्च मेथडोलॉजी का बराबर ज्ञान होना आवश्यक है और अनुसंधान में सांख्यिकीय गणना के कई विधियां हैं जिसका उपयोग अच्छे अनुसंधान में वर्तमान में चाहे वह शोध प्रबंध हो या रिसर्च आर्टिकल दोनों के उपयोग किया जा रहा है उच्च स्तर के जनरल में इसी स्तर के रिसर्च आर्टिकल प्रकाशित किया जा रहा है। इस प्रकार रिसर्च मेथडोलॉजी आई.सी.एस.एस का यह कार्यशाला बहुत उपयोगी है यह कार्यशाला विश्वविद्यालय स्तर पर लगातार होते रहना चाहिए, उन्होंने अपने उदबोधन में विचार व्यक्त किए। इसके पश्चात मुख्य अतिथि एवं विषिष्ट अतिथि द्वारा प्रतिभागियों को प्रमाण-पत्र वितरित किया और अन्त कार्यशाला के संचालक



Handwritten notes:
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Registration :

Registration is compulsory for all the delegates including SIMA members. Registration fee should be remitted by Demand Draft drawn in favour of "Organizing Secretary, National Seminar (REMATH), 2018", payable at School of Studies in Anthropology, Pt. Ravishankar Shukla University, Raipur and Chattisgarh. The last date for registration without late fee is 10th March 2018.

Details of the accompanying person , if any:

Name: Age : Sex: Relationship:
 Name: Age : Sex: Relationship:

Details Regarding Participation:

Participating with/without paper:

Preference for mode of presentation (if applicable):

Oral/Poster:

Serial No. of Sub-theme of the paper

Traveling Assistance :

Required/Not Required:

Arrival Details:

Date and time at Raipur:

By train/bus/Air:

Departure Details:

Departure date and time from Raipur:

By train/bus/Air:

Place: Signature:

Date:

NOTE

Kindly acknowledge the receipt of the letter through e-mail at the earliest.

Further communication will be done through e-mail only. Please keep a xerox copy of this form with you.

Registration Fee

	Local	Outstation
Members	INR 400/-	INR 600/-
Non-Members	INR 500/-	INR 1,000/-
Research Scholars/ Students	INR 300/-	INR 600/-

Abstracts & Papers :
 The abstract not exceeding 300 words typed in MS Word, Time New Roman in English (font size 12) and Unicode, Kerkla for Hindi (font size 14) with 1.5cm space along the borders, mentioning title in capital (font size 18), author(s) and their affiliations in font size 14 for oral/ poster presentations (poster - 1 mt x 1 mt) should reach the organizing secretaries (remathraipur@gmail.com) and jitendra_rsu@yahoo.co.in by email attachment by 6th March 2018. Full papers, not exceeding 5000 words should reach the Organizing Secretaries on or before 10th March, 2018.

Travel Allowances :
 Travel allowances will be paid to the invited participants subjected to availability of funds. Only those scholars who submit abstracts and research papers before the deadline will be eligible for travel allowance. They are required to submit onward and return tickets for claiming travel allowance as per the audit requirements of Pt. Ravishankar Shukla University rules. T.A./D.A will be paid only to paper presenter in case of multiple authors.

Organizing Committee:

Conference Directors: Prof. P. C. Joshi Prof. Ashok Pradhan	Organizing secretaries: Prof. H. K. Bhat Dr. J. K. Premi
Members: Prof. Mitashree Mitra Prof. Moyna Chakravarty	Dr. S. B. Konale Dr. B. R. Vijayendra

Contact Address:
 Society for Indian Medical Anthropology
 No. 771, 5th Cross, Roopnagar, Bogadi
 Mysore- 570026 | Ph (R) 0821-2598112
 (O) 0821- 2419710, (M) 99451-00167
 Email: sima_mysore@hotmail.com, bhathk@gmail.com

Dr. Jitendra Kumar Premi
 School of Studies in Anthropology
 Pt. Ravishankar Shukla University, Raipur, Chhattisgarh-492010
 Ph.(M) +91 9827955938 | E-mail: jitendra_rsu@yahoo.co.in



SIMA

National Seminar on
RELEVANCE OF MEDICAL ANTHROPOLOGY AND TRIBAL HEALTH CARE SYSTEMS IN THE GLOBALIZING WORLD (REMATH)

(16 TO 18, MARCH, 2018)

Jointly Organized by:
 Society for Indian Medical Anthropology,
 Mysore
 &
 School of Studies in Anthropology,
 Pt. Ravishankar Shukla University, Raipur

Hosts
**School of Studies in Anthropology,
 Pt. Ravishankar Shukla University, Raipur,
 Chhattisgarh**

Patrons

Prof. S.K. Pandey Vice Chancellor Pt. Ravishankar Shukla University, Raipur	Prof. R.K. Mutakur Patron SIMA
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Directors of the Conference

Prof. P.C. Joshi President, SIMA	Prof. Ashok Pradhan Head, School of Studies in Anthropology
-------------------------------------	--

Organizing Secretaries/Conveners

Prof. H. K. Bhat SIMA	Dr. J.K. Premi Associate Professor School of Studies in Anthropology, PRSU, Raipur
--------------------------	---

Assistant Secretaries

Dr. C.K. Kantharaju SIMA	Dr. Shailendra Kumar Assistant Professor School of Studies in Anthropology, PRSU, Raipur
-----------------------------	---

Signature
Dr. Ashok Pradhan
 Head, School of Studies in Anthropology,
 Pt. Ravishankar Shukla University, Raipur

About the National Conference:

Medical Anthropology with its focus on the holistic and insider's perspective in understanding and interpreting critical issues of health care has been traditionally studying the tribal systems of medicines for more than a century now. India, in particular, is extremely rich in such systems which offer great variety and diversity in use of herbs, faunal extracts, minerals and sundry other materials as medicines along with indigenous knowledge and locally developed health care practices which help in prevention, promotion and management of patients. The rapidly changing trends initiated initially due to modernization, westernization and urbanization-industrialization are being accelerated due to economic liberalization and globalization. In what manner such changes are affecting the locally functional but popularly found traditional systems of medicines including the indigenous and tribal systems of medicines needs to be analysed and understood? It will not only help us in reaching out to underserved areas with new knowledge and technologies but also in discovering viable alternatives to the lifestyle-generated disorders for which the time tested experience-based tribal systems of medicines may have some solutions at hand.

The School of Studies in Anthropology, Pt. Ravi Shankar Shukla University, Raipur, Chhattisgarh is organizing the National Seminar in collaboration with the Society for Indian Medical Anthropology (SIMA), a professional body of the Medical Anthropologists in India in honour of Prof. Arun Kumar who superannuates in March 2018.

The seminar will cover the following themes in order to discuss the changing trends in indigenous medical system in the light of globalization:

Sub-themes of the Seminar

- Ecology and Health
- Ethno-Medicines & Ethno-Pharmacology
- Medical Pluralism and Role of Medical Anthropology
- Health and Nutrition
- Life Styles and Diseases (Alcoholism, Smoking, Obesity, Drug Addiction, Disaster and Epidemics, HIV/AIDS, Cardiovascular Diseases etc.)
- Infectious and Vector Borne Diseases

- Reproductive and Child Health (RCH)
- Medical Genetics
- Palaeopathology
- AYUSH and Tribal Systems of Medicines
- Shamanism and Psychotherapeutic Potentials of Tribal Systems of Medicines
- Tribal Systems of Medicines and Primary Health Care
- Health Policy and Health Care Planning
- Transformation & Future of Tribal Systems of Medicines
- Current Trends in Social-Cultural Anthropology
- Current Trends in Biological Anthropology
- Current Trends in Pre-historic Archaeology

About Society for Indian Medical Anthropology, Mysore (SIMA)

SIMA was established in 1993 under the Presidentship of Prof. H.K. Bhat to promote medical anthropology research in India. The idea of starting the society began way back in 1978 during a discussion between H.K. Bhat and P.C. Joshi. In 1980's a few issues of SIMA Bulletin, a news letter, was privately circulated under the editorship of Dr. P.C. Joshi. Since its registration in 1993, the Society has arranged of few special lectures, study tours and annual conferences. The Society is having more than 150 life members at present. SIMA is affiliated to the Indian National Confederation and Academy of Anthropologists as an Institutional Member.

Life-Membership:

Rs. 2,000/- by DD. Address for correspondence: 771, 5th Cross, Roopnagar, P.O. M.K. Halli, Mysore - 570 026, Ph: 0821-2598112, (email: sima_mysore@hotmail.com)

School of Studies in Anthropology Pt. Ravishankar Shukla University, Raipur

School of Studies in Anthropology prides itself on providing a vital learning milieu for students, enriched by an active research environment, teaching & supervisory styles, encourage the pursuit of ideas and the satisfaction that comes from applying knowledge. The department boasts a variety of special resources for students. The Anthropological Museum, state-of-art Laboratories (Anthropometry Lab, Serology Lab, Human Genomics Lab, Archaeology Lab, Museology Lab, Forensic Lab), Departmental Library, Computer Lab and Internet facilities and Fieldwork training supported by modern teaching aids are being developed as major resources for teaching and research.



SIMA

RELEVANCE OF MEDICAL ANTHROPOLOGY AND TRIBAL HEALTH CARE SYSTEMS IN THE GLOBALIZING WORLD (REMATH)

(16 TO 18. MARCH. 2018)

Jointly Organized by:
Society for Indian Medical Anthropology, Mysore
&
School of Studies in Anthropology,
Pt. Ravishankar Shukla University, Raipur

REGISTRATION FORM

Name:
Age: Sex:
Phone (with STD code):
(R) (O)
Mobile: Fax:
E-mail:
Mailing Address:
Designation and Name of the Institution:
Member of SIMA (Yes/No):
Details of Remittance:
DD No. Dated:
Name of the Bank:

DD in favor of: Organising Secretary, National Seminar (REMATH), 2018, payable at School of Studies in Anthropology, Pt. Ravishankar Shukla University, Raipur and Chhattisgarh.

(Dr. Ashwini K. Bhat)
Professor & Head
SoS in Anthropology
Pt. Ravishankar Shukla University
Raipur (C.G.)

Registration Form

Name:.....

Designation.....Institute.....

Age.....Sex.....

Phone (with STD code):.....

Mobile.....Email.....

Mailing Address:
.....
.....

Details of the accompanying persons.

Name.....Age.....Sex.....Relationship.....

Name.....Age.....Sex.....Relationship.....

Details Regarding Participation:

Participating with/without paper:

Preference for mode of presentation (if applicable):

Oral/Poster :.....

Serial No. of Sub-theme of the paper.....

Travelling Assistance:

Required/Not Required

Arrival Details :

Date and Time from Raipur:.....

By Train/Bus/Air:.....

Registration Fee

	Before 1 st March 2020	After 1 st March 2020/ onspot Registration
Faculty	1200	1500
Scholar	1000	1200
Students	800	1000

Abstract and Paper

The abstract not exceeding 300 words typed in MS Word, Time New Roman in English (Font Size :12) and Unicode, Kokila for Hindi (Font Size 14) with 1.5cm space along the borders, mentioning title in capital (Font Size 18), author(s) and their affiliations in font size 14 for oral/ poster presentations (poster : 1 m x 1 m) should reach the Organizing Secretary (seminarsdci2020@gmail.com) by email attachment by 20th February 2020. Full paper, not exceeding 5000 words should reach the Organizing Secretary on or before 28th February 2020.

Travel, Food and Accommodation

Accommodation and food will be provided to all registered participants during conference. Travel allowances will be paid only to the invited participants. Other Participants/Presenters will be paid T.A. Subjected to availability of funds.

Registration

Registration is compulsory for all the delegates. Registration fee should be transferred online to Shailendra Kumar Verma, Account No: 33453947382, IFSC : SBIN0003739 Branch : RSU Branch, Raipur Bank : State Bank of India



National Seminar on

**Sustainable Development:
Concern and Issues
(With Special Reference to Gandhian
Approach)**

(March 6 - 8, 2020)

Organized by

School of Studies in Anthropology
Pt. Ravishankar Shukla University, Raipur

Patron

Prof. Keshari Lal Verma
Vice Chancellor
Pt. Ravishankar Shukla University, Raipur

Convener

Prof. Ashok Pradhan
Head, School of Studies in Anthropology
Pt. Ravishankar Shukla University, Raipur

Organizing Secretary

Dr. Shailendra Kumar
Assistant Professor
School of Studies in Anthropology
Pt. Ravishankar Shukla University, Raipur

(Handwritten Signature)

(Dr. Ashok Pradhan)
Professor & Head
SOS in Anthropology
Pt. Ravishankar Shukla University
Raipur (C.T.O.)

Departure Details:

Departure date and time from Raipur.

By Train/Bus/Air.....

Place..... Date.....

Signature.....

Note : Kindly acknowledge the receipt of the letter through e-mail at the earliest.

About the National Seminar

Sustainable development is need of present era. Gandhi emphasized that creation of wealth through fairer means and without endangering sustainable development has to be the basis of economic policy. Simple living and high thinking should be our philosophy of life. Gandhian ideas are spiritually orientated and have a holistic approach. It is inclusive in nature.

Anthropology is a holistic study that tries to cover natural and social problems with related issues on sustainable development with Gandhian philosophy. Present seminar aims to explore scope of sustainable development in the field of social, economic, environment, health and other fields. Present seminar also covers innovative approaches for Sustainable Development for Chhattisgarh.

Sub-themes of the Seminar

1. Sustainable Development:

- Poverty Alleviation
- Women Empowerment
- Tribal Development

- Environment and Development
- Social Problems and Development
- Traditional Knowledge System for Sustainable Development
- Utility and Conservation of Natural Resources
- The Role of Education in Sustainable Development
- Present Practices for Sustainable Development

2. Gandhian Approaches for Sustainable Development:

- Gram Swaraj and Rural Development
- Swachha Bharat Abhiyan
- Cottage Industry and Khadi
- Role of NGO's in Development
- Development of poor of the poor : The last man in the queue

3. Innovative approaches for Sustainable Development in Chhattisgarh with special reference in Narwa, Gurwa, Ghurwa and Bari

- Narwa: Water resources and water conservation
- Garwa: Rural Sustainable Development and animal husbandry
- Ghurwa: Indigenous Practices of farming
- Bari: Horticulture

**School of Studies in Anthropology
Pt. Ravishankar Shukla University, Raipur**

School of Studies in Anthropology prides itself on providing a vital learning milieu for students, enriched by an active research environment, teaching & supervisory styles, encourage the pursuit of ideas and the satisfaction that comes from applying knowledge. The department boasts a variety of special resources for students. The Anthropological Museum, state-of-art Laboratories (Anthropometry Lab, Serology Lab, Human Genomics Lab, Archaeology Lab, Museology Lab, Forensic Lab), Departmental Library, Computer Lab and Internet facilities and Fieldwork training supported by modern teaching aids are being developed as major resources for teaching and research.

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SCHOOL OF STUDIES IN BIOTECHNOLOGY

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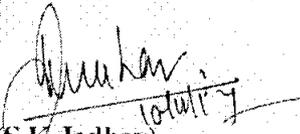
Raipur – 492 010, Chhattisgarh

Phone: 0771 2263022, Fax: 0771 2262583, Email: jadhav9862@gmail.com

Hands-on-Training *cum* Workshop

School of Studies in Biotechnology, Pt. Ravishankar Shukla University, Raipur, and M/s HiMedia Laboratories Pvt. Ltd., Mumbai, jointly organizing a **“Two Days Hands-on-Traning *cum* Workshop”** on **Molecular Biology** baesd few of the demonstration/ teaching kits. The event will be held on **November 13-14, 2017**, between **10.30 h to 17.00 h** in the **Seminar Hall** of this School. In connection, all the M. Sc. (Semester I and III) students, interested research scholars and honourable faculty members' are requested to please ensure their presence and active involvement in the proposed event.


 (Keshav Kant Sahu)
 Co-ordinator


 (S K Jadhav)
 HoD, Biotechnology
 Professor & Head
 SOS In Biotechnology
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 Raipur-492 010 (C. G.)



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March 22-23, 2018

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Place/Date: Signature:

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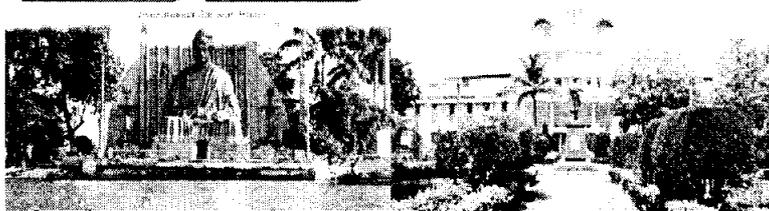
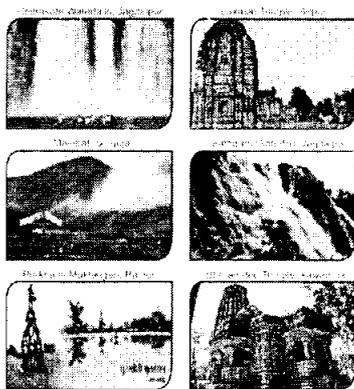
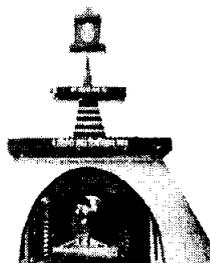


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**22nd CRSI National Symposium
in Chemistry**
February 2-4, 2018
&
12th CRSI-RSC Symposium
February 1, 2018



Correspondence
Prof. Kallol K. Ghosh
Convener, CRSI-SM-22
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Raigarh, 492010, Chhattisgarh
22crsi@rediffmail.com
Mob: 9422118942, 031-8771-26446

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Approved by UGC under S.A.M.U.
Raigarh, Chhattisgarh, India

A



श्रामंत्रण

स्वामी विवेकानन्द चेतन

विवेकानन्द स्मृति तुलनात्मक धर्म, दर्शन एवं योग अध्ययनशाला
एवं

पब्लिक आउटरीच सेन्टर

पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर के
संयुक्त तत्त्वावधान में आयोजित

व्याख्यान

विषय : युवकों के लिए स्वामी विवेकानन्द

शुक्रवार, दिनांक 05 अक्टूबर, 2018 पूर्वाह्न 11.00 बजे

स्थान : सर सी. व्ही. रमन हॉल, भौतिकी अध्ययनशाला



अध्यक्ष

प्रो. केशरी लाल वर्मा

कुलपति

पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर

अतिथि वक्ता

श्रीमत् स्वामी शुद्धिदानन्द जी

अद्वैत आश्रम, कोलकाता

उक्त कार्यक्रम में आप सबकी उपस्थिति सादर प्रार्थित है।

डॉ. संदीप वनसूत्रे

कुलसचिव, पं. रविशंकर शुक्ल वि.वि.

प्रो. भगवन्त सिंह

अध्यक्ष, दर्शन एवं योग अध्ययनशाला

प्रो. कल्लोल घोष

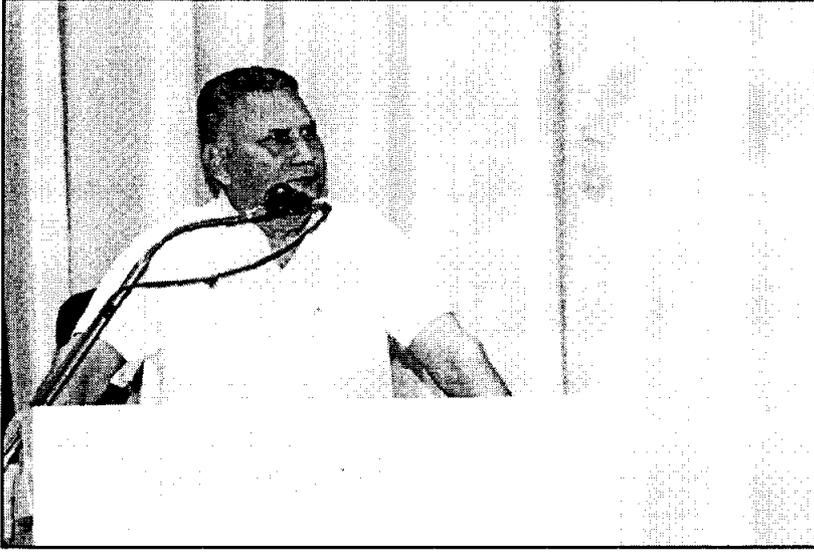
समन्वयक, पब्लिक आउटरीच सेन्टर

डॉ. ओमप्रकाश वर्मा

स्वामी विवेकानन्द चेतन प्रोफेसर

Swami Vivekananda Chetana
Public Outreach Center
Rajabahal, Raipur
Chhattisgarh
6/11/18

उन्नत जीवन के लिए योग
सोमवार, दिनांक 27 अगस्त, 2018



चित्र-परिचय

1. प्रो. सी. डी. आगासे
विशिष्ट अतिथि
2. विश्वविद्यालय का कुलगीत गायन
3. डॉ. आर. के. मिश्र
विशिष्ट अतिथि

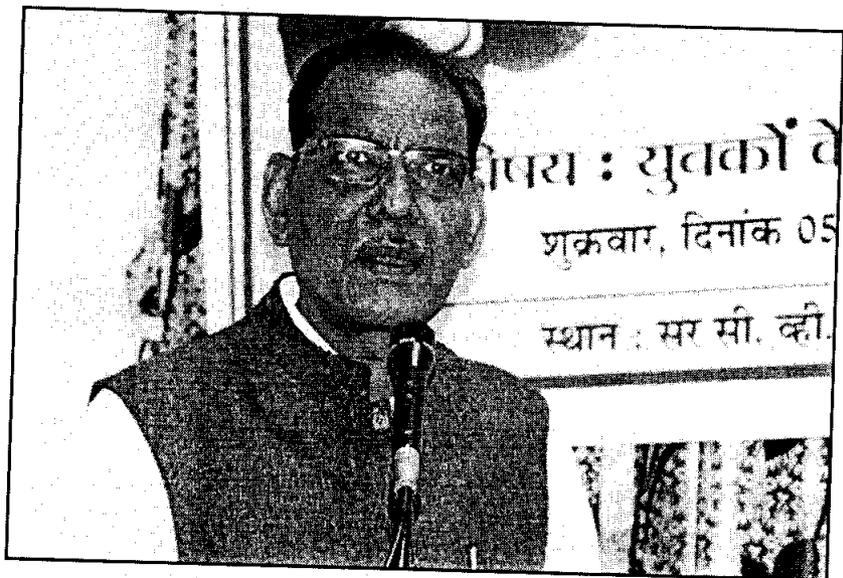


3
Swarn Jayanti
Memorial
Shiksha University, Raipur
Philosophy & Yoga

युवकों के लिए स्वामी विवेकानन्द

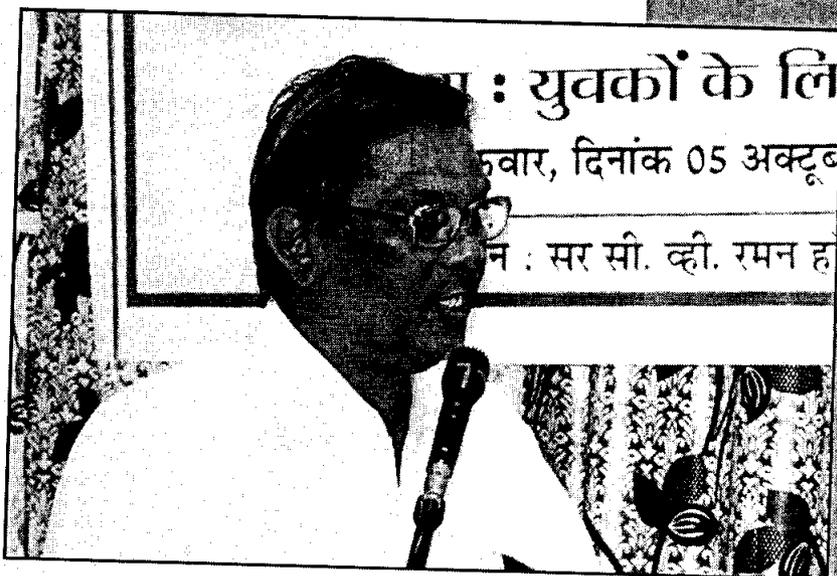
शुक्रवार, दिनांक 05 अक्टूबर, 2018

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चित्र-परिचय

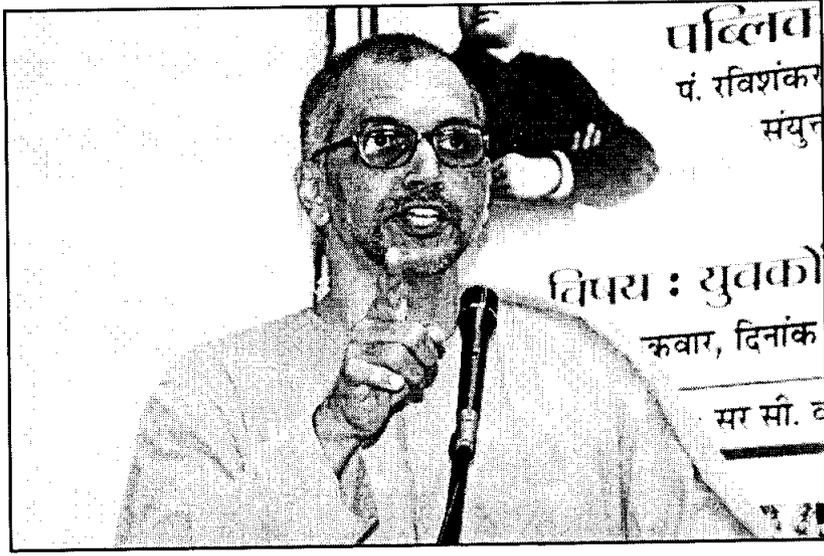
1. डॉ. केशरी लाल वर्मा
अध्यक्ष एवं कुलपति
2. डॉ. ओमप्रकाश वर्मा
स्वामी विवेकानन्द चेयर प्रोफेसर
3. श्रोतागण



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Keshri Memorial
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Shri Mata University, Banaru

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शुक्रवार, दिनांक 05 अक्टूबर, 2018

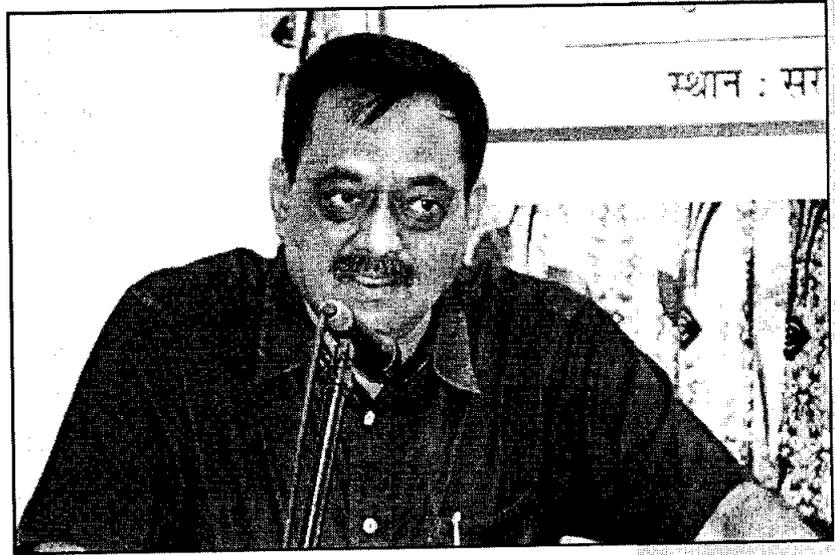
58



1

चित्र-परिचय

1. श्रीमत् स्वामी शुद्धिदानन्द
अतिथि वक्ता
2. डॉ. संदीप वनसूत्रे
कुलसचिव
3. श्रोतागण



2



3

SHRI YOGANANDA MEMORIAL
UNIVERSITY OF RELIGION, PHILOSOPHY & YOGA
SHRI SHAKTI UNIVERSITY, RAIPUR

SHRI YOGANANDA MEMORIAL
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SHRI SHAKTI UNIVERSITY, RAIPUR

Publication of Dr. Om Prakash Verma

59

(As Swami Vivekananda Chair Professor)

(i.e. from 03.12.2016 to 26.05.2019)

Books Published

1. भारतगतप्राणा निवेदिता (संपादित, पृष्ठ संख्या 230, वर्ष 2017)
प्रकाशक : विवेकानन्द विद्यापीठ, रायपुर
(छत्तीसगढ़ शासन, संस्कृति विभाग से सहयोग से प्रकाशित)
2. भगिनी निवेदिता और भारतीय नवजागरण (पृष्ठ संख्या 119, वर्ष 2018)
प्रकाशक : विद्या विहार, नई दिल्ली
3. युवा चेतना के प्रवर्तक स्वामी विवेकानन्द (संपादित, पृष्ठ संख्या 421, वर्ष 2018)
प्रकाशक : छत्तीसगढ़ राज्य हिन्दी ग्रंथ अकादमी, रायपुर
4. जगद्गुरु श्रीरामकृष्ण (संपादित, पृष्ठ संख्या 390, वर्ष 2019)
प्रकाशक : विवेकानन्द विद्यापीठ, रायपुर
(छत्तीसगढ़ शासन, संस्कृति विभाग से सहयोग से प्रकाशित)

Articals Published

1. भारतीय संस्कृति के उन्नायक स्वामी विवेकानन्द (2017)
(छत्तीसगढ़ राज्य हिन्दी ग्रंथ अकादमी, रायपुर द्वारा प्रकाशित ग्रंथ 'सत्यान्वेषी भारत' में सम्मिलित किया गया 34 पृष्ठों का शोधपरक लेख)
2. 'भगिनी निवेदिता का भारतप्रेम' (2017)
('भारतगतप्राणा निवेदिता' ग्रंथ में सम्मिलित किया गया 29 पृष्ठों का शोधपरक लेख)
3. 'युवाशक्ति और नवजागरण के प्रेरक स्वामी विवेकानन्द' (2018)
('युवा-चेतना के प्रवर्तक स्वामी विवेकानन्द' ग्रंथ में सम्मिलित किया गया 23 पृष्ठों का लेख)
4. स्वामी विवेकानन्द की प्रासंगिकता (2018)
('युवा-चेतना के प्रवर्तक स्वामी विवेकानन्द' ग्रंथ में सम्मिलित किया गया 15 पृष्ठों का लेख)
5. 'स्वामी विवेकानन्द और शिकागो धर्म-महासभा' (2018)
('युवा-चेतना के प्रवर्तक स्वामी विवेकानन्द' ग्रंथ में सम्मिलित किया गया 10 पृष्ठों का लेख')
6. श्रीरामकृष्णदेव का दिव्य जीवन (2019)
('जगद्गुरु श्रीरामकृष्ण' ग्रंथ में सम्मिलित किया गया 20 पृष्ठों का शोधपरक लेख)

06/1

3
"Sustainable Development-
Issues and Challenges"

8th March 2018

Registration Form

Name.....

Designation.....

Institution.....

Postal Address.....

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..... Pin.....

Mob. No.....

E-mail.....

Title of the Paper.....

.....

Registration fee:

Amount..... Date.....

Signature

Invitation

*Sustainable Development-
Issues and Challenges*

8th March 2018

To,
Prof./Dr.....

.....

.....

Convener

B.L. Sonekar

Associate Professor, SoS in Economics

Pt. Ravi Shankar Shukla University Raipur (CG)

Mob.-98261-67427

email: sonekarptrsu@gmail.com

National seminar on
"Sustainable Development-
Issues and Challenges"

8th March 2018



Organized by

School of Studies in Economics
Pt. Ravi Shankar Shukla University,
Raipur

Invitation

You are cordially invited to participate in the National Seminar on "Sustainable Development-Issues and Challenges". This is to be held on 8 March 2018 at School of Studies in Economics, Pt. Ravi Shankar Shukla University Raipur. On behalf of the organizing committee, it is my pleasure and privilege to invite and solicit you to contribute your research paper.

About theme of the Seminar

Sustainable Development is a challenging economic and social process. The different objectives of society- social, economic and environmental- need to be integrated where possible. The number of tools and approaches to develop sustainability is growing rapidly. However, a systematic approaches consistent with basic principles and the requirements of sustainability shows that these tools are complementary and can be used in parallel for strategic sustainable development. These challenges demand new approaches to decision-making and action. It has long been understood that a multidisciplinary approach is needed to handle the analysis of social, environmental and economic coverage to be prepared with the widest possible participation.

Call for Paper

Original Contribution related to the theme/sub-theme is invited for oral presentation. Accepted papers will be published in the proceeding/journal/book.

Sub-theme of the seminar

- Sustainable Development for Good Health and Well being
- Sustainable Development and Quality Education
- Sustainable Development and Gender Equality
- Sustainable Development for Clean Water and Sanitation
- Sustainable Development for Decent Work and Economic Growth
- Sustainable Development for Industry, Innovation and Infrastructure
- Sustainable Consumption and Production
- Sustainable Development and Climate Action
- Sustainable Development for Poverty elimination and Inequalities reduction.

Research papers and articles not exceeding 3000 words in Hindi or English are invited on above theme and sub themes. Paper must have a 250 words abstract following by full text. You are requested to use Times New Roman with font size 12 (for English) and Kruti Dev- 010 and font size 14 (for Hindi). Please send it in the pdf format in following mail address:

seminar08march2018@gmail.com

- Abstract and full paper Submission deadline: March 7, 2018
- The Editor reserve the right to edit paper to confirm to style of proceeding/journal.

Registration

The registration fee covers conference kit, conference proceedings, meals and tea. Confirmation of registration is possible only if the duly completed registration form is received along with the registration fee.

Registration Fees:

Delegate: Rs. 500/- Students: Rs. 200/-

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Vice Chancellor, Pt. Ravi Shankar Shukla University Raipur

Convener: Dr. B. L. Sonekar

Associate. Prof. SoS in Economics
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Mob- 98261-67427
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Organizing Secretary: Dr. Archana Sethi

Asstt. Prof. SoS in Economics
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Pt. Ravi Shankar Shukla University Raipur

Dr. Ranu Agrawal, SoS in Economics, Pt. Ravi Shankar Shukla University Raipur.

घरेलू महिलाओं को भी सिखा दें सौर ऊर्जा अपनाने के गुर ताकि कहीं न रह पाए अंधेरा



रायपुर। नईदुनिया रिपोर्टर

जहाँ बिजली चर को रोशनी नहीं दे पा रही है, वहाँ के लिए सौर ऊर्जा कारगर होगा। मैंने खुद 700 घरेलू महिलाओं को सौर ऊर्जा के लिए प्रशिक्षित किया। नया लक्ष्य दस करोड़ सोलर लैंप बांटना और उन इलाकों में रोशनी पहुंचाना है जहाँ बिजली है नहीं या कम समय तक रहती है।

विद्यार्थी भी इसका लाभ लें और दूसरों को सौर ऊर्जा अपनाने का गुर दें। खासकर गांव में घरेलू महिलाओं को इसका गुर सिखारें तो हर कोई रोशनी में रहेगा। यह कहना था

अहमदाबादी मुंबई के प्रोफेसर चेतन सिंह सोलंकी का। वे रविधि के इलेक्ट्रॉनिक्स विभाग में अक्षय ऊर्जा पर व्याख्यान दे रहे थे।

एक करोड़ तक पहुंचा सोलर लैंप

प्रोफेसर सिंह ने बताया कि लगभग एक करोड़ ग्रामीणों तक सोलर लैंप पहुंचा है। वे और उनकी टीम ने केवल पहुंचाया ही नहीं, बल्कि एक छोटे से छोटे पार्ट को असेम्बल करना भी सिखाया ताकि छोटी सी समस्या होने पर उसे विद्यार्थी फेंके नहीं। आसानी से इसका इस्तेमाल कर सकें। इस मौके पर कुलपति डॉ. एसके पाण्डेय, कुलसचिव धर्मेश साहू, इलेक्ट्रॉनिक्स विभाग के प्रोफेसर डॉ. संजय तिवारी मौजूद रहे।



Prof. Chetan Singh Solanki, Professor, IIT Bombay with Students and Staff of Institute

खगोल विज्ञान एवं खगोल भौतिकी विषय पर तीन दिवसीय राष्ट्रीय संगोष्ठी का समापन

दूरबीनों से मिलेगी खगोलीय जानकारी

CITY EVENT.....

पत्रिका PLUS रिपोर्टर

रायपुर • पं. रविशंकर शुक्ल विश्वविद्यालय में 'सिग्नल प्रोसेसिंग, सस्टेनेबल एनर्जी मटेरियल्स, खगोल विज्ञान एवं खगोल भौतिकी' विषय पर तीन दिवसीय राष्ट्रीय संगोष्ठी का समापन किया गया। यह संगोष्ठी विश्वविद्यालय के इलेक्ट्रॉनिक्स एवं फोटोनिक्स तथा भौतिकी एवं खगोल भौतिकी अध्ययनशाला के संयुक्त तत्वावधान में आयोजित किया गया।

गुरुवार को तीसरे दिन की शुरुआत आईआईएम बंगलुरु के प्रोफेसर सुनेत्र गिरिधर के व्याख्यान से हुआ। उन्होंने देश के 02 मीटर हिमालयन चंद्रा दूरबीन के बारे में जानकारी देते हुए बताया कि यह विश्व के सबसे अच्छे दूरबीनों में से एक है। यह दूरबीन जम्मू-कश्मीर में लद्दाख के पास 4500 मीटर की ऊंचाई पर स्थापित है। इसकी कार्यक्षमता को बढ़ाने के लिये अत्याधुनिक हाई रिजोल्यूशन स्पेक्ट्रोग्राफ लगाये जा रहे हैं, जिसके माध्यम से अनेक प्रकार के खगोलीय शोध कार्य किये जा सकते हैं।



गैलेक्सियों के बारे में दी जानकारी

द्वितीय व्याख्यान में रविशंकर के कुलपति प्रो. एसके पांडेय ने गैलेक्सियों जैसे दीर्घ वृत्ताकार, स्पायरल तथा अनियमित गैलेक्सियों के बारे में जानकारी दी। उन्होंने बताया कि आधुनिक शोध कार्यों से इनमें भी तारों के निर्माण के लिए आवश्यक पदार्थों की पुष्टि हुई है।

गुरुत्वीय तरंगों का होगा अध्ययन

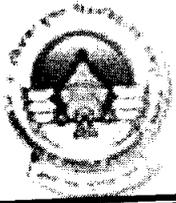
तृतीय व्याख्यान में दिल्ली विश्वविद्यालय के प्रो. एचपी सिंह ने खगोल विज्ञान में उपयोग होने वाले विभिन्न प्रकार के दूरबीन के बारे में रोचक जानकारी दी। वर्तमान में हमारे देश में 01, 02 तथा 04 मीटर व्यास वाले दूरबीन उपलब्ध

है। पुणे के पास रेडियो तरंगों के लिये दूरबीन उपलब्ध है। आने वाले समय में हमारे देश में गुरुत्वीय तरंगों के अध्ययन के लिये दूरबीन की व्यवस्था रहेगी। अंतरराष्ट्रीय 30 मीटर दूरबीन में भी भारत की हिस्सेदारी है।

शोधार्थी छात्रों ने प्रस्तुत किए शोधपत्र

चतुर्थ व्याख्यान में नादेड विश्वविद्यालय के प्रो. एमके पाटिल ने गैलेक्सी कलस्टर तथा एजीएन के बारे में विस्तार से बताया। इसके पश्चात हैदराबाद से आये प्रो. जीआर सिन्हा ने रिमोट सेंसिंग तकनीक तथा जबलपुर विश्वविद्यालय के प्रो. मीरा रामरखयानी ने नैनो विज्ञान की जानकारी दी। कार्यक्रम में विभिन्न शोध केंद्रों से आए हुए वैज्ञानिकों तथा शोधार्थी छात्रों ने अपने शोध पत्र प्रस्तुत किये।





SOS IN ELECTRONICS & PHOTONICS PT. RAVISHANKAR SHUKLA UNIVERSITY RAIPUR(C.G.)



NO: /SOS ELEX &PHO.17-18

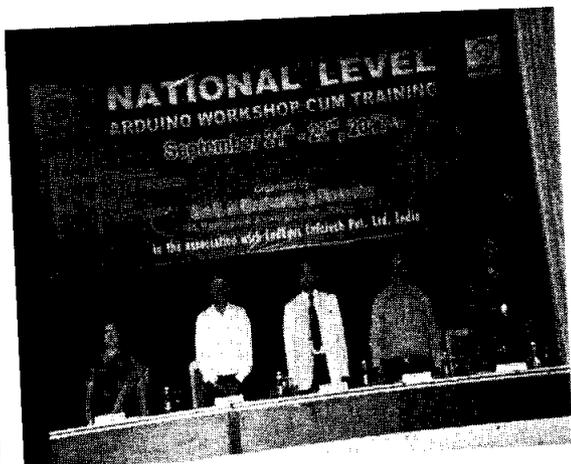
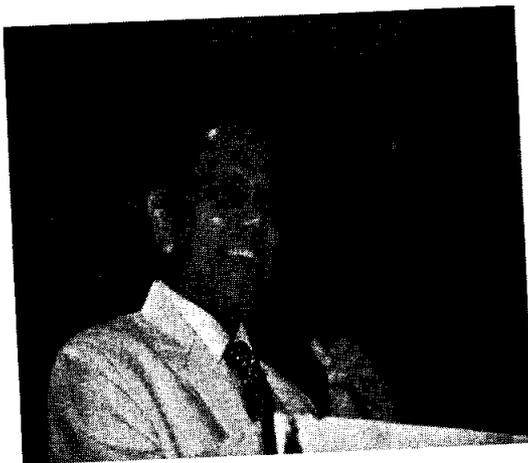
Raipur, Date:-25-09-2017

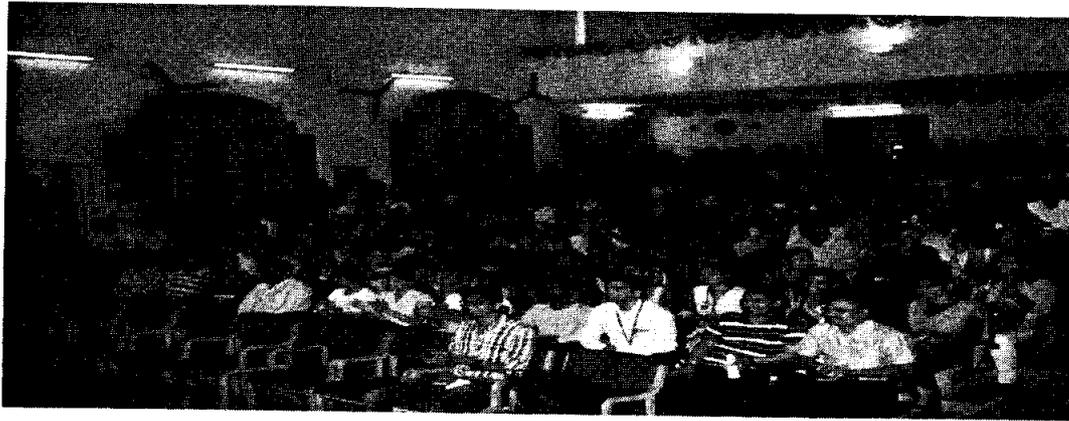
NATIONAL LEVEL ARDUINO WORKSHOP CUM TRAINING

A three days "National level ARDUINO workshop cum training" was organized from 21st to 23rd September, 2017 in the joint venture of School of Studies in Electronics and Photonics of Pt. Ravishankar Shukla University, Raipur and Indeyes Infotech PVT. LTD. New Delhi.

The inaugural session started with the welcome address by IAS Dharmesh Kumar Sahu (Registrar, PRSU) followed by Dr. Kavita Thakur (HOD, School of studies in Electronics and Photonics, PRSU) and coordinator of the workshop with her introductory speech on importance of workshops.

On this occasion chief guest , an outstanding researcher, a very good orator, excellent writer, motivator and a learned professor, Dr. Sanjay Kumar, Vice Chancellor, ITM University, Raipur, delivered his valuable speech to students of different institutions of Chhattisgarh and Odisha , he talked about vision 2020 and 2035 of empowering India capable to rule the world with its 65% of youth population followed by the special address by Dr. Sanjay Tiwari about vision 2020 of India later he talked about India's ranking on "Economic Intelligence Report". The ceremony was concluded with the speech of Mr. Abhigyanam Giri (Director, Indeyes Infotech PVT. LTD on the importance and future purpose of Arduino System.

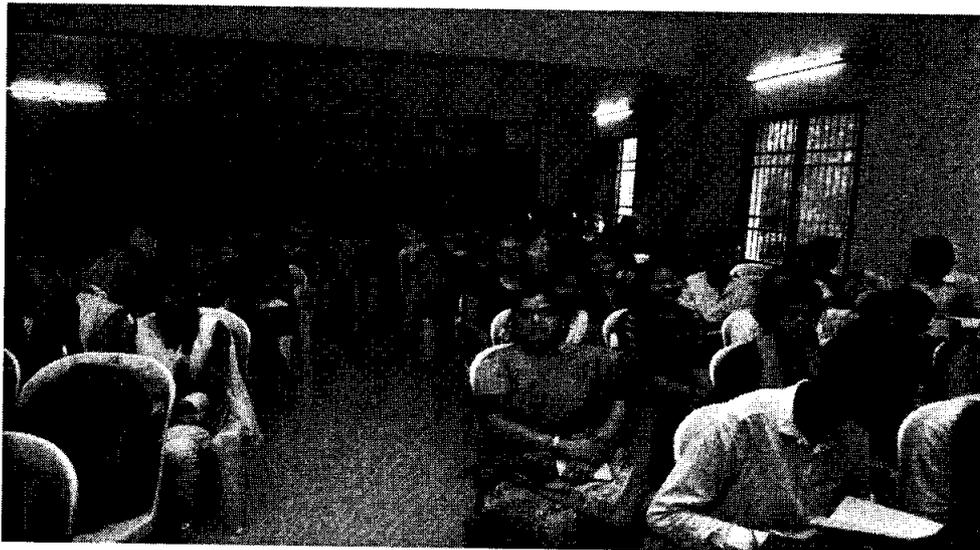




Following the first day, second day of workshop started with registration of students for technical understanding of **arduino** system.

At the beginning of session of day two of workshop , trainer introduces the 'control of ac appliances 'with the help of arduino system. He delivered lecture with live demo on **relay** and basic concept of **switch** as potential controller of the systems, later the students implemented various **arduino** based programs on **switch** and **relay**.

After having lunch, trainer comes with his lecture with live demo on **IR, PIR, MOISTURE SENSORS, LCD, HOME SECURITY SYSTEM** and their coding ,implemented using arduino system.



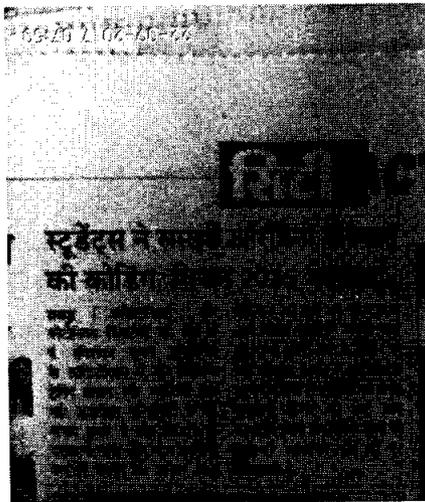


On third day of workshop started with hardware implementation and simulation of devices based on **arduino** system which consists of the program like glowing of **LED** seven segment display as well as rotation of DC motor in clockwise and anticlockwise direction.

Later the student performed various hardware implementation on robotics in which they learn controlling of robots. Later hardware implementation process if followed by design of control system based on arduino programming.

At the ending ceremony of workshop **Dr. KAVITA THAKUR** ,Head, SoS in **ELECTRONICS and PHOTONICS Dept.** distributed participation certificate to students from various institute and wishes for their bright future.

News Paper Clippings



सर्किट में सेंसर की भूमिका है महत्वपूर्ण

संसार के सभी वर्गों में अत्यधिक गतिशीलता को अपने अंदर छिपाए रखे हुए एक महत्वपूर्ण भूमिका है। भारत में एक ऐसा ही अत्याधुनिक, उच्च स्तर का सेंसर है, जो कि भारत में ही विकसित किया गया है।

यह सेंसर एक महत्वपूर्ण भूमिका निभाता है, जो कि भारत में ही विकसित किया गया है। यह सेंसर एक महत्वपूर्ण भूमिका निभाता है, जो कि भारत में ही विकसित किया गया है।



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7



DEPARTMENT OF BIOTECHNOLOGY
Ministry of Science & Technology

Workshop on Research Based Pedagogical Tools (RBPTs) for Teachers of Undergraduate Science and Mathematics Courses

6-9 October, 2017

At Human Resource Development Centre (HRDC), Pt. Ravishankar Shukla University, Raipur, Chhattisgarh

Pt. Ravishankar Shukla University, Raipur, jointly with Department of Biotechnology and the British Council, is organizing a three-day pedagogy workshop for undergraduate science teachers from 8-11 October, 2017.

This is a great opportunity for professional development for all teachers from states of Central India as Chhattisgarh, MP, Telangana, Odisha and others and it's a chance to them to interact with their counterparts from various colleges and education experts from India and learn from each other's experience. We urge you to utilize this opportunity. From the tools developed during the workshop, scalable tools that could be deployed by other teachers will be identified and added to a national database. Selected participants will also get to participate in a Level 2 workshop later, that will focus on making them trainers for conducting similar trainings at local level.

Target Group: The workshop is meant for teachers of all disciplines such as physics, chemistry, mathematics, biology and earth sciences. It will introduce participants to research-based pedagogical tools that focus on the process of science rather than facts. It will be a hands-on workshop with participants preparing their own teaching tools in groups and reviewing those of others. The teachers will also get an opportunity to share their own teaching innovations with their peers and experts in the field.

Resource persons: The workshop will be conducted by a team of trainers from the Sheffield Hallam University, UK and Indian experts from the area of education and policy.

Eligibility Criteria: Teachers teaching in government or government-aided colleges with either a master's degree with 10 years of teaching experience or a PhD degree with 5 years of teaching experience are eligible to apply. Interested teachers are requested to

apply online at the link given bellow. A short 'Statement of Purpose' about why they would like to participate in this workshop and whether/how they would like to be involved in spreading this pedagogical innovation among their peers later, must be submitted with the online application. The organisers will select 150 teachers from the nominations/applications received. Selected candidates will have to submit scanned copies of supporting documents (Recommendation from the Principal/Head of Institute/Proof of PhD Degree) once they are selected. The college is also expected to support the participants in this activity.

Accommodation and TA: All participants will be provided food and accommodation at Pt. Ravishankar Shukla University Campus. There are no charges to the participants selected for this workshop. Funds permitting, TA will be given to all participants.

How to Reach: The University is well connected with the rest of the country by rail, road and air. A large number of trains operate on the train route to Raipur on a daily basis, ensuring a strong connectivity with all major cities in India. The distance from Nagpur to Raipur by road is 300 kms.

Weather: In January weather in Raipur will be moderately cold. Participants are advised bring warm clothes.

Principals may send their nomination to the dedicated email id:

For any Query and Clarification please contact us at:

Email: trainingprsu@gmail.com



DEPARTMENT OF BIOTECHNOLOGY
Ministry of Science & Technology



BRITISH
COUNCIL



Newton-Bhabha
Fund



MHRD
Pandit Madan Mohan Malaviya National
Mission for Teachers and Training



IISER PUNE

Certificate of Appreciation

This is to certify that Mr./Ms. *Dr. Sanjay Tiwari, Co-ordinator* from *Pt. Ravishankar Shukla University, Raipur, Chhattisgarh* had volunteered at the **STEM Teacher Training Workshop on Research Based Pedagogical Tools** held at Pt. Ravishankar Shukla University, Raipur, Chhattisgarh from 6th – 9th October 2017. We highly appreciate his/her contribution in making this workshop a success.

The workshop was jointly sponsored by the Department of Biotechnology (DBT), Govt. of India; Newton Bhabha Fund of the British Council; Center of Excellence in Science and Mathematics Education, IISER Pune (supported by the Ministry of Human Resource Development, Govt. of India) and Pt. Ravishankar Shukla University, Raipur, Chhattisgarh. It was conducted by a team of experts from the Centre for Science Education, Sheffield Hallam University, UK.

Co-ordinator, on behalf of all organisers

Prof L. S. Shashidhara
FNA, FASc, FNASc,
Professor and Coordinator
Centre of Excellence in Science and Mathematics Education,
IISER Pune

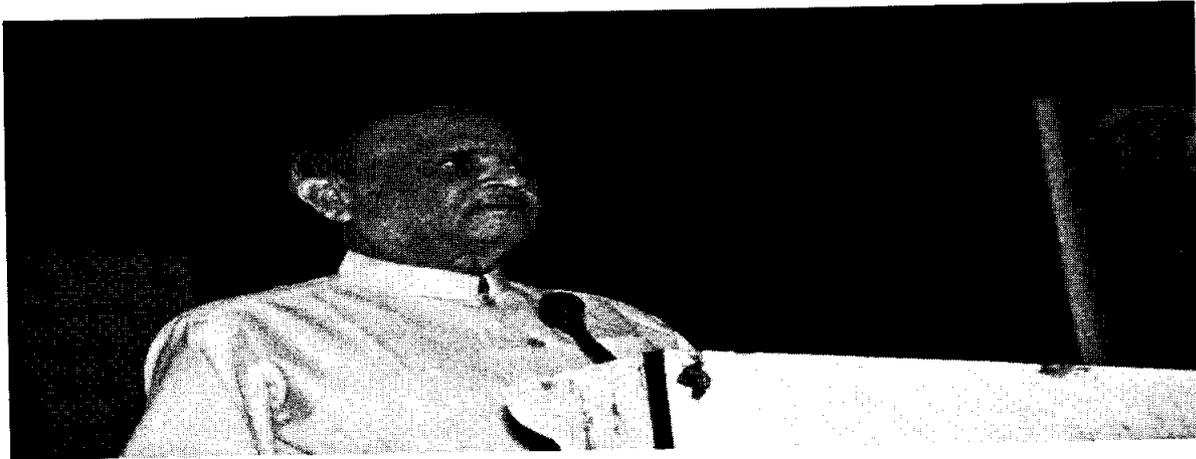
Three Days (From March 26, 2018 to March 29, 2018) National Level Workshop cum Training Program on IoT (internet of things) using Node MCU

Inaugural Day –

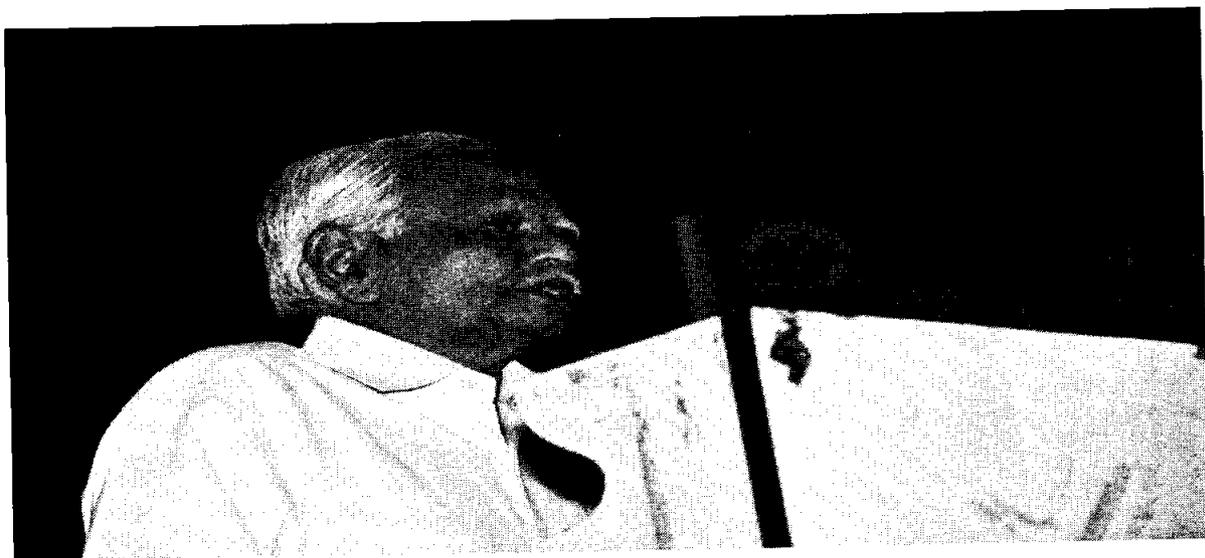
It is a matter of great privilege that school of studies in Electronics & Photonics organized 3 days national level workshop cum training program on IoT (internet of things) using node MCU. On the first day of the program i.e. march 26, 2018 the workshop began by lighting candles in the auditorium of university campus.



Professor Harshvardhan Tiwary (Ex vice-chancellor, Barkatullah University-Bhopal) was the chief guest at the function. While addressing the students Professor Tiwary quoted various inspirational stories and incidents from Swami Vivekanand's life. He also emphasized the importance of research work in educational curriculum and he also co-related that how IoT (internet of things) can be beneficial in achieving our solemn promise of "RIGHT TO EDUCATION". Towards the end of his speech Mr. Tiwary also laid stress on importance of yoga in student's life. He facilitated the attending students with the e-copy of literature on Swami Vivekanand's life and importance of yoga.



Proceeding further the guest of honor Dr. A. S. Zadgaonkar (Ex vice-chancellor, Dr. C. V. Raman University-Bilaspur) awakened students about the relevance of IoT (internet of things) in remote health monitoring and data analyzing.

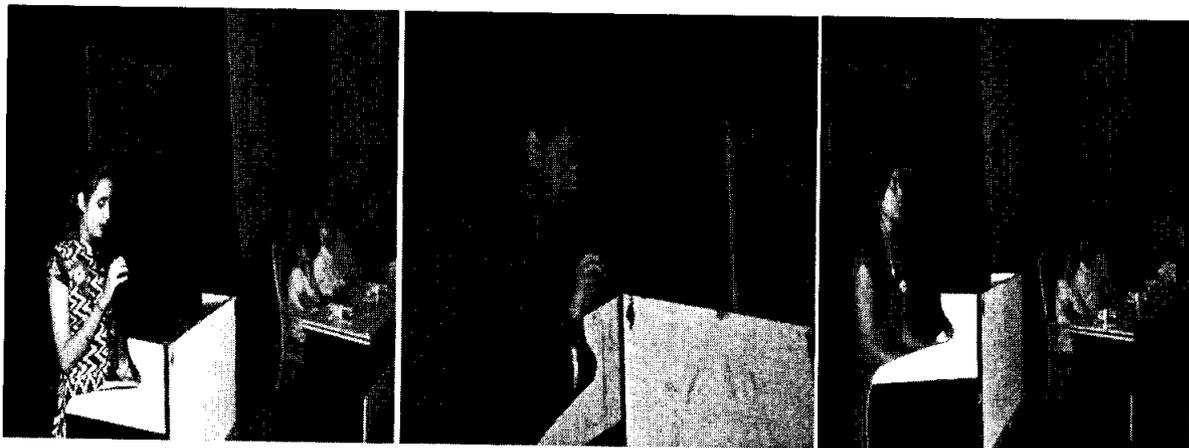


Continuing the program further Mr. Abhigyanam Giri (Director- IndEyes InfoTech Pvt. Ltd.) delivered the speech on the introduction of IoT (internet of things) and affiliation in the near future.

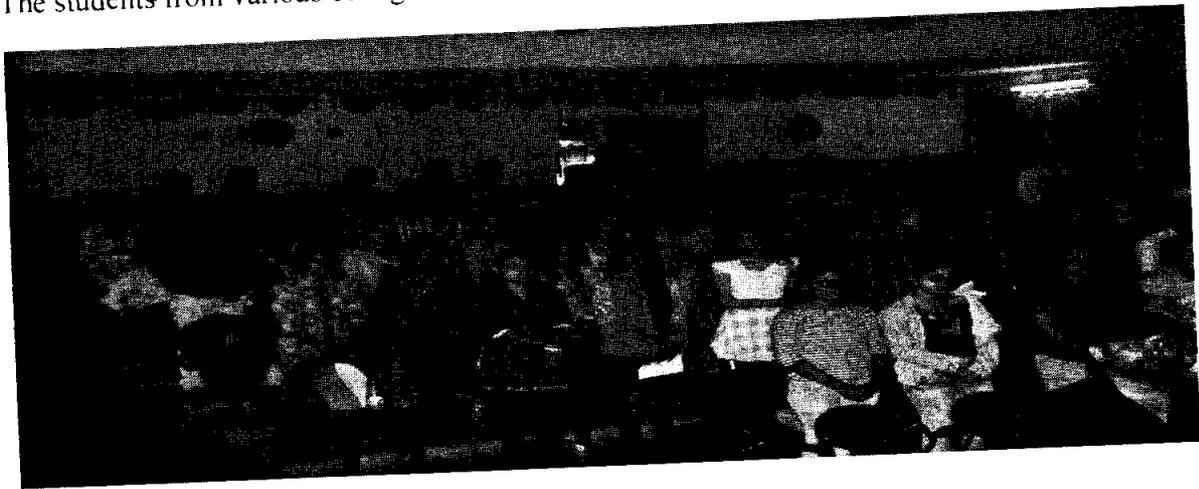
Later in the function the chief coordinator of the program Dr. Kavita Thakur (HoD, school of studies in Electronics & Photonics) explained the relevance of the topic in the present scenario.



The program was also presided by Dr. Sanjay Kumar (Professor, Computer Science Department), Dr. Rita Venugopal (Professor, Physical Education Department) and faculty member from various other institutions.



The students from various college of Chhattisgarh and other states participated in the workshop.



Day -1, Second session:

In the second session of workshop the Director of IndEyes InfoTech Pvt. Ltd. Shri Abhigyanam Giri explained the importance of IoT (internet of things) and future scope of the same. Then in continuation he explained about some instructions and pin diagram of NodeMCU. Then he started interfacing of LED with NodeMCU and started programming regarding same.



He also gave some practice questions to students then explained about 7-segment display and then he taught some basic programs based on 7-segment display in a practical note sheet. Then he explained the interfacing of buzzer & relay(potential control device).



In the next context of the workshop he told about the use of blynk and explained what is blynk ? In the end of the 2nd session he suggest some application we needed for further simulation.

Workshop on IoT (internet of things) using Node MCU Day-2:

The second day of workshop planned to provide hands on experience with IoT(internet of things) device and application. The theoretical part of first day was done practically in day-2.



Participants were introduced to the WiFi concept from a programming point of view and it's relevance to IoT(internet of things) devices by the help of blynk application students interfaced their mobile with NodeMCU. The programming of LED, 7 Segment Display & Buzzer were told firstly then all the participants practically perform the programs. Then the trainer gave a assignment to merge the program of LED, 7 Segment Display & Buzzer into one program, which was executed by every student.



Then the trainers explained the program for LCD using blynk application and explained two program related to this. At the end of day-2, they explained about moisture sensor.

लाइट को आसान बनाने के लिए स्टूडेंट्स ने बनाए सिस्टम मॉड्यूल

प्रस्ताव
 1. लाइट को आसान बनाने के लिए स्टूडेंट्स ने बनाए सिस्टम मॉड्यूल।
 2. लाइट को आसान बनाने के लिए स्टूडेंट्स ने बनाए सिस्टम मॉड्यूल।
 3. लाइट को आसान बनाने के लिए स्टूडेंट्स ने बनाए सिस्टम मॉड्यूल।
 4. लाइट को आसान बनाने के लिए स्टूडेंट्स ने बनाए सिस्टम मॉड्यूल।
 5. लाइट को आसान बनाने के लिए स्टूडेंट्स ने बनाए सिस्टम मॉड्यूल।
 6. लाइट को आसान बनाने के लिए स्टूडेंट्स ने बनाए सिस्टम मॉड्यूल।
 7. लाइट को आसान बनाने के लिए स्टूडेंट्स ने बनाए सिस्टम मॉड्यूल।
 8. लाइट को आसान बनाने के लिए स्टूडेंट्स ने बनाए सिस्टम मॉड्यूल।
 9. लाइट को आसान बनाने के लिए स्टूडेंट्स ने बनाए सिस्टम मॉड्यूल।
 10. लाइट को आसान बनाने के लिए स्टूडेंट्स ने बनाए सिस्टम मॉड्यूल।

अब दुनिया के किसी भी कोने से घर की लाइट कर सकेंगे स्विच ऑफ

दोषा मोडिफिकेशन
 1. अब दुनिया के किसी भी कोने से घर की लाइट कर सकेंगे स्विच ऑफ।
 2. अब दुनिया के किसी भी कोने से घर की लाइट कर सकेंगे स्विच ऑफ।
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 10. अब दुनिया के किसी भी कोने से घर की लाइट कर सकेंगे स्विच ऑफ।

इन्टरनेट बनाया प्रोजेक्ट

इन्टरनेट बनाया प्रोजेक्ट
 1. इन्टरनेट बनाया प्रोजेक्ट।
 2. इन्टरनेट बनाया प्रोजेक्ट।
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 7. इन्टरनेट बनाया प्रोजेक्ट।
 8. इन्टरनेट बनाया प्रोजेक्ट।
 9. इन्टरनेट बनाया प्रोजेक्ट।
 10. इन्टरनेट बनाया प्रोजेक्ट।



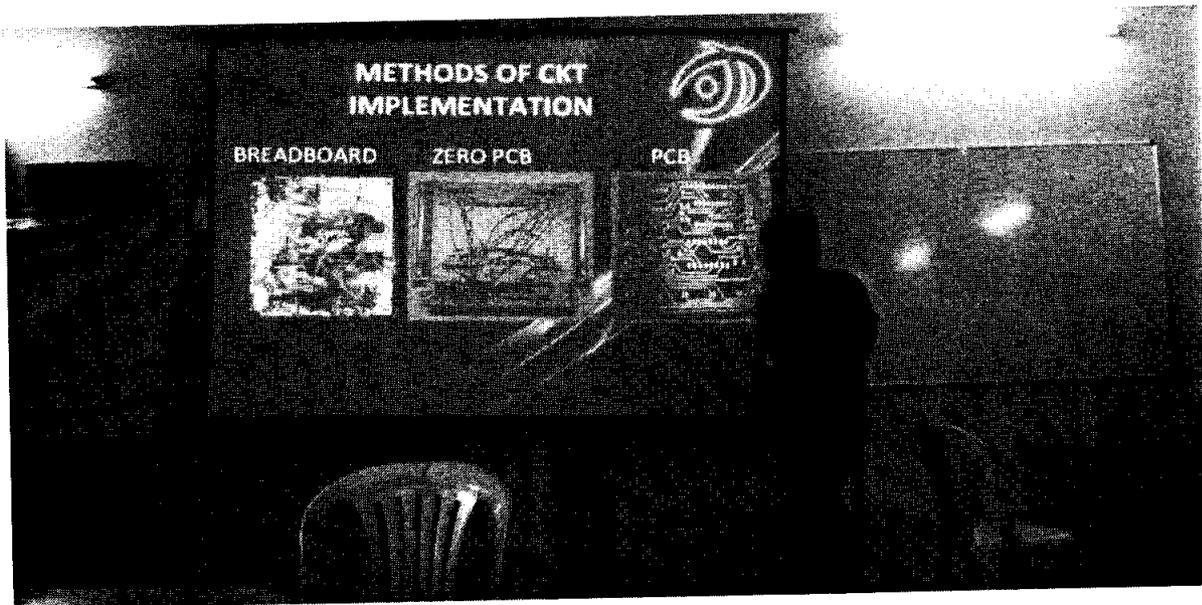
Students are working on their projects, discussing and presenting their work.

Workshop on IoT (internet of things) using Node MCU Day-3:

In the day 3 of the workshop, the Director of 'Indeyes Infotech Pvt. Ltd.' Shri Abhigyanam Giri revised interfacing through 'Blynk' application and explained the use of push notification button and gave two examples based on same.



Then he explained about the basic concept of printed circuit board (PCB). First of all he gave the concept which will be very helpful for designing the PCB practically. In this theoretical explanation, he explained about the procedure and making of printed circuit board.



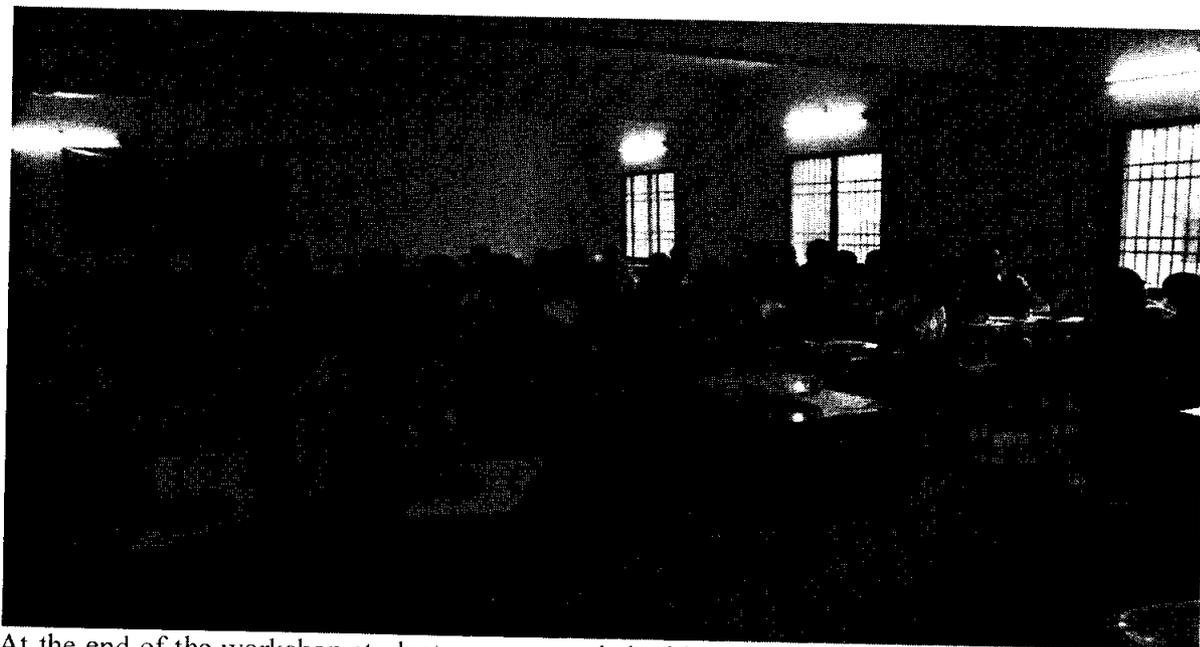
Later he explained the topic using some videos and told that the most important part of PCB designing is design of PCB layout and for this he explained designing layout of LED, 7 SEGMENT DISPLAY and LCD.



In the continuation of workshop he briefly explained the process of etching, Drilling, component mounting, soldering and testing.



All participants then practiced the layout designing of LED, LED and 7 SEGMENT Display. Then he explained the concept of multiplexing using 74HC595 (multiplexing IC) and taught about the pin configuration of 74HC595 IC. After this some programs based on multiplexing were performed.



At the end of the workshop students were awarded with a participation certificate from 'Indeyes Infotech Pvt. Ltd'. Head of department Dr. Kavita Thakur and Director of Indeyes Infotech Pvt. Ltd.' Shri Abhigyanam Giri congratulated every student for their bright Future.

आमंत्रण

छत्तीसगढ़ के बहुमुखी प्रतिभा के धनी बाबू रेवाराय के कृतित्व को जनमानस तक लाने के उद्देश्य से पं. दीनदयाल शोध, सेवा संस्थान एवं साहित्य एवं भाषा अध्ययन शाला, पं. रविशंकर शुक्ल विश्वविद्यालय कला भवन के सभागार (भूतल) में 'सुता बाबू रेवाराय' भाग-दो दिनांक 02/05/2018 को समय 11.00 बजे से आयोजित है। कार्यक्रम में

मुख्य अतिथि
प्रो. के. एल. वर्मा

कुलपति

पं. रविशंकरशुक्ल विश्वविद्यालय, रायपुर

अध्यक्षता

आचार्य डॉ. रमेन्द्र नाथ मिश्र

छत्तीसगढ़ साहित्य अकादमी पं. सुदरलाल शर्मा शोध-पीठ

विशिष्ट अतिथि

प्रोफेसर एम. ए. खान

पूर्व अध्यक्ष इतिहास अध्ययन शाला

पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर

आमंत्रित विषय विशेषज्ञ -

प्रो. आभा रूपेन्द्र पाल (इतिहास),

प्रो. चितरंजन कर (भाषा वैज्ञानिक),

डॉ. गणेश कौशिक, (वरिष्ठ पत्रकार एवं लेखक),

प्रो. विजय सिन्हा, (हिंदी) विलासपुर,

श्री किशान तंबोली, रतनपुर

आपकी गरिमामय उपस्थिति प्रार्थनीय है।

कार्यक्रम के संयोजक

डॉ. देवेश शर्मा

अध्यक्ष, पं. दीनदयाल शोध एवं सेवा
संस्थान, रायपुर

मो 9826331921, 7987148885

सहयोग

प्रो. शैल शर्मा

अध्यक्ष, साहित्य एवं भाषा अध्ययन शाला
पं. रविशंकरशुक्ल विश्वविद्यालय, रायपुर

संरक्षक

श्री छगन चौबे

रायपुर

- विनित -

श्री राजेन्द्र तिवारी, श्री विक्रम सिंह राय, श्री रमाशंकर सोनी, श्री सतीश बुबे

2018

2



4th National Workshop Trends and Techniques in Chronobiology

Center for Translational Chronobiology
School of Studies in Life Science

Pt. Ravishankar Shukla University, Raipur – 492 010, Chhattisgarh, India

March 10-16, 2018

Application deadline – 20 February, 2018

Chronobiology is multidisciplinary that includes studies of manifestations and mechanisms of circadian (= biological) rhythms. The subject shot to prominence in the late last year with the award of the Physiology/Medicine Nobel Prize to three American scientists, who discovered underlying molecular mechanisms of biological rhythm. The implication of the principles of biological rhythms is universal to all branches of life science, including medical and agricultural sciences.



Noble prize in Physiology or Medicine 2017 to: Jeffrey C. Hall, Michael Rosbash, and Michael W. Young

The proposed National Workshop is the 4th in the series of workshops, to be organized by the Center for Translational Chronobiology (CTC), School of Life Sciences, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh, India. The School received DRS from the UGC under its Special Assistance Program (SAP) since 2002. Chronobiology has been the thrust area of research of this UGC-sponsored SAP right through 2002 till this time.

The workshop will focus on the basic principles of Chronobiology and their applications. The topics will cover: Characteristics of biological rhythms, Entrainment of rhythms, Structure of biological clocks, Molecular bases of biological clock, Applied chronobiology, and Tools & techniques for studying biological rhythms. In addition to lectures, there will be lab work to demonstrate circadian rhythms in humans and other models.

Faculty: The faculty will consist of experts in the domain of Chronobiology.

Who can participate? Research scholars and young faculty members (in any branch of life science, including medical and agricultural science)

are eligible to apply with their bio-data and contact address including email and telephone number. An applicant is required to furnish the following: (1) brief account of the research work and/ or teaching being undertaken by her/him; (2) a write-up (about 150 words) as to why she/he would like to participate and what are the expectations from the workshop; (3) one letter of recommendation from his/her teacher. The young teachers holding permanent positions should send their applications through proper channel. **Apply through email before 20 February, 2018.**

Participants: 20 [10 Participants will be from Chhattisgarh]. The selection will be based on requirement of the workshop for the participant and also first come first serve basis. If sufficient local participants are not available then those places will be offered to the applicants from outside Chhattisgarh and vice versa. The number of participants will be fixed at 20.

Registration fee: INR 3000.00 for outside participants; INR 1500.00 for local participants. The latter will not be offered with the accommodation facility.

Support: Travel support (limited to Second Sleeper return train fare) will be provided to all the selected participants. The registration fees will include breakfast, working lunch, dinner, and registration kit. The registration fee for the local participants will include access to the workshop sessions, working lunch, and registration kit.

Mode of payment: Payable at Nat Workshop Trends & Tech Chronobiology
Account No.: 37479638933
IFSC: SBIN0003739
Bank Name: State Bank of India
Registration fee may be deposited through NEFT.

Contact: You may contact: (1) Prof. Arti Parganiha, Organizing Secretary, Cell: 9826551089, Email: arti.parganiha@gmail.com; (2) Prof. Rohit Kumar Pradhan, Convener, cell: 9827164500, Email: rkp299@gmail.com

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4th National Workshop on Trends and Techniques in Chronobiology

10-16 March 2018

The Center for Translational Chronobiology (CTC), School of Studies in Life Science, Pandit Ravishankar Shukla University, Raipur, organized the 4th National Workshop entitled, "Trends and Techniques in Chronobiology," from 10-16 March 2018. The CTC received financial support from the UGC, New Delhi, through Unassigned UGC Grants assigned to the University, and also from its own budget. Of the twenty (21) selected participants, 10 were from outside of Chhattisgarh, notably from Kalyani (West Bengal), Sambalpur (Odisha), and Jamshedpur (Jharkhand). The remaining participants were from different higher education institutions of Raipur. Of the thirteen (13) resource persons, seven (7) were from outside (Sambalpur, Hyderabad, Jamshedpur, Chidambaram, Varanasi, New Delhi, and Bilaspur). The remaining six resource persons were local including one from the AIIMS, Raipur. The activity of the workshop included three lectures (90 minutes each), including one evening lecture (60 minutes), and lab work every day from 2:00-5:00 pm. On concluding day, each participants as a member of one of the four groups presented the lab work as learning outcome during workshop. The learning outcome presentation was held in competition mode and one of the groups was adjudged as the best and each member of the group was presented with a certificate of appreciation.

Inauguration

The Hon'ble Vice-Chancellor, Prof. S.K. Pandey inaugurated the National Workshop on 10th March 2018 in the morning (10:00). Prof. A.K. Pati, Vice-Chancellor, Gangadhar Meher University, Sambalpur, Odisha and former President of the Indian Society for Chronobiology shared the podium as Guest-of-Honour. Prof. S.C. Naithani, Head, School of Studies in Life Science; Prof. R.K. Pradhan, Convener of the workshop; and Prof. Arti Parganiha, Organizing Secretary of the Workshop, were presented on the podium during the Inauguration. Prof. R.K. Pradhan delivered the welcome address and introduced the participants to the activities of the workshop. He gave an introduction to the subject of Chronobiology. Prof. S.C. Naithani also addressed the participants emphasizing the significance of the principles of Chronobiology for human welfare. Prof. A.K. Pati highlighted the importance of Chronobiology and its implications in health and human welfare. He emphasized that participants of the workshop will be benefitted by learning the techniques of Chronobiology through this workshop. Prof. S.K. Pandey in his inaugural address told to the audience that rhythm is present everywhere including the cosmos and the small particles. He said that natural rhythms of day-night, phases of the moon and seasons are the best examples. Probably, for this reason, all living organisms have evolved rhythms within them in order to cope with the geophysical rhythms of the universe. Prof. Arti Parganiha proposed a vote of thanks.

Chronobiology is the science that studies biological clocks in all living organisms, such as bacteria, plants, animals, and humans. Chronobiology is a multidisciplinary subject and has lots of implications in medical, agricultural and many other branches of sciences including physical education. In 2017, the Nobel Prize in Physiology or Medicine was jointly awarded to three Chronobiologists, namely Jeffrey C. Hall, Michael Rosbash and Michael W. Young for their discoveries of "molecular mechanisms controlling the circadian rhythm." The purpose of the workshop was to train the participants with the techniques used in Chronobiology research, with a special reference to study of rhythms in humans and also to facilitate interaction between them and the experts in the field of basic and applied Chronobiology.

Day-1

The academic session of the workshop began at 11:30 on 10th March 2018. Prof. A.K. Pati delivered the first lecture. He introduced the subject Chronobiology to all participants of the workshop and gave an overview of basic and applied Chronobiology. He illuminated the participants with development in basic and applied Chronobiology. He reported the increasing popularity and importance of Chronobiology by citing example of Nobel Prize Winner of Medicine in field of Chronobiology in 2017. He talked about biological rhythms and different types of rhythms by giving suitable examples.

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4th National Workshop on Trends and Techniques in Chronobiology

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He delivered his second lecture on entrainment of biological rhythms and its relationship with photic and non-photoc zeitgebers such as light and temperature/food stimuli.

The third and fourth lectures in the evening session of first day were also delivered by Prof. A.K. Pati. He discussed the PRC (Phase Response Curve) and its uses. He also explained the construction of PRC. He said that the PRC is applicable in chronotherapy for administering drugs as function of time to a patient. Similarly melatonin can be used as per the PRC of a person to reset its biological clock appropriately. He then elucidated the phase shift. Through fourth lecture Prof. Pati described different types of measurement and analysis of time series data on Transverse and longitudinal scales. He suggested the criteria of choosing statistic for data analysis.

Day-2

Dr. Babita Pande delivered the first lecture of the morning session on day-2 that is on 11th March 2018. She talked about a non-circadian clock, the interval timer. She explained the models and the theories underlying the interval timing in human. She discussed its implications for humans and its role in successful execution of any day-to-day activity. She also discussed showing her own data how various factors, like age, gender, season, time and chronotype influence the interval timing in human.

In the second lecture, Dr. Meenakshi Sinha from AIIMS, Raipur, discussed about the structural evolution of pineal gland from unicellular organisms to multicellular organism, including humans. She explained how pineal changed its role from a simple photosensory structure to the complex secretory gland. She highlighted the functional role of pineal from lower animal to higher animal. She gave information on bright light exposure time on pineal functions and the secretion of endogenous melatonin. She discussed the significance of pineal, melatonin and bright light in resetting biological clocks of people who travel from East (example Delhi) to West (example London or New York). This simply shows that jet lag problem can be solved by exposing the traveller to bright light therapy and melatonin therapy. He highlighted the overexposure of radiation emitted through mobile phones affect the pineal gland that causes disturbed melatonin secretion and sleep problems. She provided information on the pineal gland association for many potential medical indications.

Dr. Venu Achari delivered the evening lecture on human shift optimization. He talked about different types of shift schedules in Industries and other working areas. He shared some of his research findings regarding consequences of wrong shift schedule on health and the longevity of shift workers. He accentuated that the shift schedule should be according to circadian preference of shift workers. He also provided evidence from the literature that most of the big industrial accidents occurred after mid-night and early morning. He also discussed the strategies for minimizing the problems and suffering of the shift workers. He said that as per this model if shift worker is found to be intolerant to shift work then he/she should be shifted to day-duty with immediate effect. With experimental evidence, he emphasized that the switching from shift duty to day-duty help in the resynchronization of the desynchronized clock. He through his lecture emphasized the need of shift optimization to reduce the adverse effect of shift working and maximize the benefit by enhancing the human performance.

Day-3

On third day of workshop that is on 12th March, Dr. Armiya Sultan delivered the first lecture entitled, "Circadian rhythms: from observations to molecular mechanisms to human health". He explained the underlying molecular mechanism of the biological clock in mammals. He started his lecture with the information that the first *per* (*period*) gene was discovered by Knopka and Benzer in the early 1970s in *Drosophila*. He informed the participants that genetic era of the molecular circadian clock in mammals started in 1990s. He emphasized various potential circadian oscillators located in the mammalian brain. He also explained how the signal travels from the environment to SCN and then to different brain regions. He described the peripheral clock and the transcriptional and translation pathways of clock mechanism.

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Prof. B.N. Mallick delivered his talk on "Neuron to Brain: What and How to Study". He discussed the history, progression of knowledge, philosophies/concepts, physical components and chemical nature of neurons and neuronal transmission. He described the neural circuit and the characteristic of neural signal. He talked about the 'emotions' that arises from brain such as consciousness, feeling etc. He also talked about the mathematical modelling of neural functions. He conversed about the concept of "Thuriya", which is the fourth state of consciousness and background status of wake, REM and NREM sleep. "Thuriya" is the highest level of brain functions.

In the evening Prof. B.N. Mallick delivered his talk on "Neural basis of REM Sleep regulation". He explained in details about the various stages of sleep. He pointed out that rapid eye movement sleep (REMS) is a unique state expressed during sleep in the higher group of animals. He talked about the models for REM sleep regulation and REM sleep disorder. He discussed in his lecture about the dream, which mostly came in REM sleep and the substrate for initiation of dream. He said that research in 'dream' is an interesting area but many challenges are there due to highly evolved brain in animals.

Day-4

In the morning of 13th March 2018 Prof. Anita Jagota, University of Hyderabad, delivered the first lecture. She talked about the "Circadian timing system in mammals". She explained location of the master clock suprachiasmatic nucleus (SCN) in the hypothalamus. She described the regions of SCN and the neuronal architecture of SCN through the anatomical and functional neuroimaging of SCN. She discussed the function of both core and shell parts of the SCN. She discussed the slow and fast oscillators and the strong and weak coupling, mammalian visual system. She with examples explained the anatomy of circadian system, slave oscillators and neural pathways in SCN. She gave insight on molecular components of mammalian SCN, clock genes and significance of SCN.

The second lecture on day-4 was delivered by Prof. Arti Parganiha on "Chronotherapy: with special reference to cancer treatment". She discussed the importance of time administration of anticancer drugs in cancer clinics. She categorically demonstrated showing her own data how patients with robust circadian rhythm live longer than those having disrupted circadian rhythm in rest-activity rhythm. She also explained that dichotomy index has excellent prognostic value for survival and quality of life. She explained that chronotherapy could increase the tolerance level, reduce toxicity and effectiveness of various medications in cancer.

The evening lecture was presented by Prof. K.K. Shanna, Jamshedpur on "Rhythmicity of breeding events in Baya weaver (*Ploceus philippinus*) and modulating effect of factors". He discussed about behavior of birds in field conditions and demonstrated that behavior changes rhythmically depending upon the season of the year. He also emphasized that the hostile behavior among the individuals of the same breeding colony (Baya bird's colony) increases during the full moon (*Purnima*) and the new moon (*Amabasya*) period. He talked about the chronodynamics and, changes in general characteristics. He described the stages of the breeding cycle of this bird and the communication system employed to establish the nesting colony.

Day-5

On 14th March 2018, Prof. Anita Jagota from University of Hyderabad in her second lecture gave an overview of the comparative and functional anatomy of the circadian clock. She talked about clock function in non-mammalian models, such as fish, amphibians, reptiles, and birds. She explained the differences in the molecular mechanism of clock among non-mammalian species. She explained the basic pathways of signalling from photoreceptor to circadian pacemaker. She described the negative and positive feedback loop of circadian variation. She told about the clock function and genes involve circadian rhythm in *Gonyaulax*, *Neurospora crassa*, insects, aves, and plants.

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4th National Workshop on Trends and Techniques in Chronobiology

10-16 March 2018

Prof. Perumal Subramanian of Annamalai University, Chidambaram, delivered his first talk on "Molecular clock mechanisms in *Neurospora* and *Drosophila*." Studies on the pacemaker of the *Neurospora* circadian clock have been conducted extensively and revealed the presence of a transcriptional-translational feedback loop. The molecular functioning of circadian rhythmicity is known to emerge from a network of positive and negative feedback regulation acting on clock genes and proteins in the fungus, *Neurospora*. Since 1971, numerous studies on molecular mechanisms of circadian clock have been performed extensively in *Drosophila melanogaster*. In *Drosophila*, the current model predicts that the helix-loop-helix transcription factors clock (Clk) and cycle (Cyc) bind as heterodimers to E-Box sequences (CACGTG) around noon in the genome of the fly. E-Boxes are found in the promoter region of many circadian-regulated genes, like the period (*per*), the timeless (*tim*), the vrille (*vri*) or the PAR domain protein 1 ϵ (*pdp1 \epsilon*), but the very center of the clock represents the activation of *per* and *tim*. A second feedback loop regulates the transcription of Clk and thereby interlocks with the first loop.

In the evening, Prof. Perumal Subramanian of Annamalai University gave his second lecture on "Molecular clock mechanisms in cyanobacteria and plants." He talked about the current understanding of the cyanobacterial circadian clock, emphasizing recent work that has generated a more comprehensive understanding of how the circadian oscillator becomes synchronized with the external time cues and how information from the oscillator is transmitted to generate rhythms in biological activity. He explained the bioluminescence and the related genes for bioluminescence. He also reviewed recent molecular studies in *Arabidopsis thaliana* and the important genes that have widened our understanding of the molecular regulation of the central circadian oscillator and its connections to input and output pathways of the clock mechanism. He said that studies have also begun to reveal the importance of the biological clock for key agricultural traits in crop species. In the talk, he discussed recent developments in plant chronobiology, including a new understanding of the molecular architecture underlying the biological clock in plants.

Day-6

On 15th March 2018 that is on sixth day of the workshop Prof. R.K. Pradhan delivered the first lecture entitled, "Human sleep behaviour." In his talk, he gave information on sleep duration and pattern in different animals. Dr. Pradhan, through his talk highlighted the function, purpose of sleep, consequence of insufficient sleep. He emphasized that sleep length is gradually decreasing in human population and he attributed this phenomenon to modern day life style. He projected his own research data to show that the sleep is more disturbed among urban people as compared to people living in rural and remote areas of Chhattisgarh. He also showed the correlation between quality of sleep and chronotype in local human population. He emphasized that people of remote areas are morning oriented to the tune of 96%.

Prof. Perumal Subramanian of Annamalai University, Chidambaram, in his third talk, entitled "Molecular clock mechanisms in mammalian model" described the genes, molecules, and the pathway in mammalian circadian system. He explained the transcriptional feedback loop of the mammalian circadian clock with examples.

In the evening, Dr. Pradosh Acharya, Gangadhar Meher University, Sambalpur delivered a talk on circadian rhythm in plants by giving examples of algae, fungi, pteridophytes and angiosperms. He also explained about the plant hormones and their functional aspects.

Day-7

The first lecture on seventh day that was on 16th March, 2018 was given by Dr. Priyoneel Basu from Varanasi on "Neuronal Connections and the SCN." He described the retinohypothalamic pathway in mammals. He also discussed limbic input, thalamic input, hypothalamic input, cholinergic input.

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structure, neurotransmitter, neural network, and the outputs. He also explained the analysis of Actograms and its uses for interpreting human linked diseases.

Prof. Rajeev Choudhary, SoS in Physical Education, PRSU delivered the second lecture on "Sports Chronobiology and statistical tools for analysis of data". This session was hand-on-training cum lecture. He in detail described the Analysis of Covariance in survey and experimental data using software SPSS. He talked about the criteria of choosing a particular statistical analysis for a particular study. He also solved the confusion and doubts related to statistical analysis of the participants.

Learning Outcome Assessment:

Twenty one (21) participants coming from different parts of the country were taught how to use state-of-the-art techniques to study human rhythms, rhythms in animals, and how to analyze data to validate circadian rhythms (biological clocks). Participants were divided into four groups, namely JP Thapliyal, MK Chandrashekar, R. Subbaraj, and VK Sharma. On the last day of the workshop, each group presented what they have learned during the hands-on training program imparted to them. Each group presented the learning outcome and each member contributed to the presentation. Three unbiased judges with no conflicts of interest assessed their performance and judged the best presentation. The members of the winning group [MK Chandrashekar] received a certificate. The participants who own the first prize are (1) Anurag Mishra [Raipur]; (2) Divya Verma [Raipur]; (3) Chandrashekhar Bandhe [Raipur]; (4) Pradosh Acharya [Sambalpur]; and (5) Priyanka Sirka [Jamshedpur].

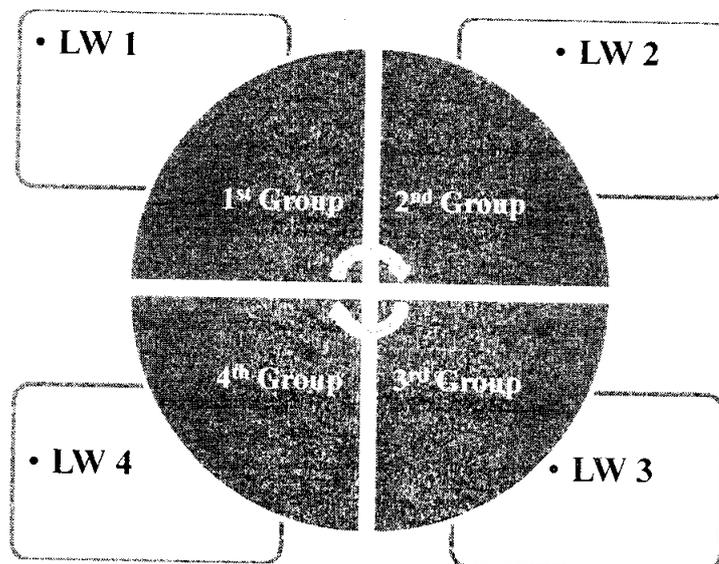
The valedictory function was organized at 4:00 pm in the Sir J.C. Bose Hall of the School of Life Sciences. During the valedictory function following dignitaries were present: Prof. K.K. Sharma, Jamshedpur Co-operative College, Jamshedpur; Prof. R.K. Pradhan – Convener of the Workshop, and Dr. Arti Parganiha – Organizing Secretary of the Workshop. Prof. S.K. Prasad; Prof. Aditi Poddar, Dr. S. Devhare; and Dr. M. Patel, SoS in Life Science, Pt. Ravishankar Shukla University Raipur were also present in the eve of this valedictory session.

The participants of the workshop gave their oral and written feedback. The dignitaries expressed their opinion on the Chronobiology Workshop. Finally, Dr. Arti Parganiha proposed a vote of thanks and spoke about the success of the National Workshop. Then certificates and prizes for best presentation and participation were distributed to all the participants. The resource persons were honoured with certificates for availing their service and making workshop successful.

Hands-on Practice Session

Every day the lab session started at 14:00 and completed at 17:00. All the participants were divided into four groups. In each group five subjects accommodated. On the first day, the first group studied how to study biological rhythms of animals using infrared sensors. They were also instructed how to digitize the qualitative data into quantitative data. The second group studied the techniques of actimetry; how to study the sleep-wake rhythms in human subjects using Actiwatches; and data analysis using the special software, such as Cosinor Rhythmometry. The third group studied the techniques of measuring rhythms in blood pressure in human subjects. They were instructed how to use the ABPM (Automatic Blood Pressure Monitor). They were also taught about the autorhythmometry technique. They also learned how to analyze data using ANOVA for validating the effect of the factor, TIME. The fourth group learned to measure the sleepiness level using various questionnaires. They were also taught to identify chronotypes using inventories, namely MEQ and MCTQ. From the 2nd day onwards the groups were rotated in the following manner to the Hands-on Practice Session:

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10-16 March 2018



Local Sightseeing

The participants visited the Purkhouti Muktangan, Raipur on 15.03.2018.

People as Resource Persons

Resource Person	Address
Prof. A.K. Pati	Gangadhar Meher University, Sambalpur, Odisha
Prof. B.N. Mallick	School of Studies in Life Science, Jawaharlal Nehru University, New Delhi
Prof. K.K. Sharma	P.G. Department of Zoology, Jamshedpur Cooperative College, Jamshedpur, Jharkhand
Prof. Anita Jagota	School of Life Science, University of Hyderabad, Hyderabad
Prof. P. Subramanian	Department of Biochemistry & Biotechnology, Annamalai University, Annamalaiagar Chidambaram, Tamilnadu
Dr. Minakshi Sinha	Additional Professor, Department of Physiology, All India Institute of Medical Sciences, Raipur, Chhattisgarh
Prof. Rajeev Choudhary	School of Studies in Physical Education, Pt. Ravishankar Shukla University, Raipur
Prof. R.K. Pradhan	School of Studies in Life Science, Pt. Ravishankar Shukla University, Raipur
Prof. Arti Parganiha	School of Studies in Life Science, Pt. Ravishankar Shukla University, Raipur
Dr. K Venu Achari	Govt. Madan Lal Shukia College Seepat, Bilaspur
Dr. Priyoneel Basu	INSA Fellow, Varanasi

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4th National Workshop on Trends and Techniques in Chronobiology

10-16 March 2018

Dr. Babita Pande	School of Studies in Life Science, Pt. Ravishankar Shukla University, Raipur
Dr. Armiya Sultan	School of Studies in Life Science, Pt. Ravishankar Shukla University, Raipur

The lab work exercises were conducted by Prof. R.K. Pradhan, Prof. Arti Parganiha, Dr. Babita Pande, Pratibha Kujur, Dr. Armiya Sultan, Kaushal Baghel, Noorshama Parveen, Priyanka Chandel, Niharika Sinha, Archana Chaurasia, Shikha Malik, Margaret Massiah Singh, Sraddha Pradhan, Rajni Barle, Bhupendra Sahu and Gyanchand Sahu.

Group	Topic of hands-on-practice session	People
1	<ul style="list-style-type: none"> i. Study of locomotor activity rhythm using Stanford Kit ii. Digitization of data from the actogram iii. Study of phototactic behavior in fish 	Priyoneel Basu, Pratibha Kujur, Kaushal Baghel, Archana Chaurasia, Shikha Malik
2	<ul style="list-style-type: none"> i. Study of rest-activity rhythm of human subject using wrist actigraphy (AW2, AW Spectrum, Actical) ii. Computation of Dichotomy Index and Autocorrelation coefficient iii. Cosinor rhythmometry 	Arti Parganiha, Armiya Sultan, Margaret Massiah Singh, Sraddha Pradhan
3	<ul style="list-style-type: none"> i. Blood pressure monitoring in human subject using ABPM ii. Circadian rhythms in various physiological parameters using autorhythmometry technique iii. Time Series Analysis using ANOVA 	Babita Pande, Priyanka Chandel, Rajni Barle, Bhupendra Sahu
4	<ul style="list-style-type: none"> i. Measurement of sleepiness using VAS (Visual Analogue Scale), SSS (Stanford Sleepiness Scale), ESS (Epworth Sleepiness Scale), KSS (Karolinska Sleepiness Scale) ii. Chronotyping using MEQ and MCTQ 	RK Pradhan, Noorshama Parveen, Niharika Sinha, Gyanchand Sahu

Feedback

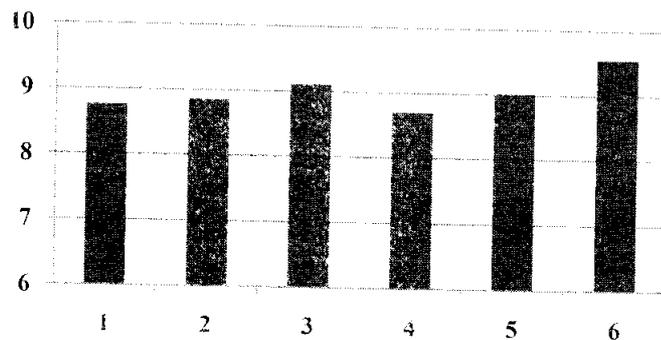
Participants of the Workshop gave their feedback on (1) the program, (2) the lectures delivered by the resource persons, and (3) the lab work. The scale of the assessment was from average (1) to excellent (10). The responses of the participants were overwhelming as was indicated from the higher scores.

The relative impact of the program has been depicted in **Figure-1**.

Technical Report

4th National Workshop on Trends and Techniques in Chronobiology

10-16 March 2018



1 – Selection of lectures delivered; 2 – Quality of lectures; 3 – Contents of lectures; 4 – Duration of the Workshop; 5 – Study material provided; 6 – Faculty performance

Figure-1: Relative impact of the program [based on feedback from the participants]

The responses of the participants on each lecture, for resource persons (average score) and on lab work have been depicted in Figures 2-4, respectively.

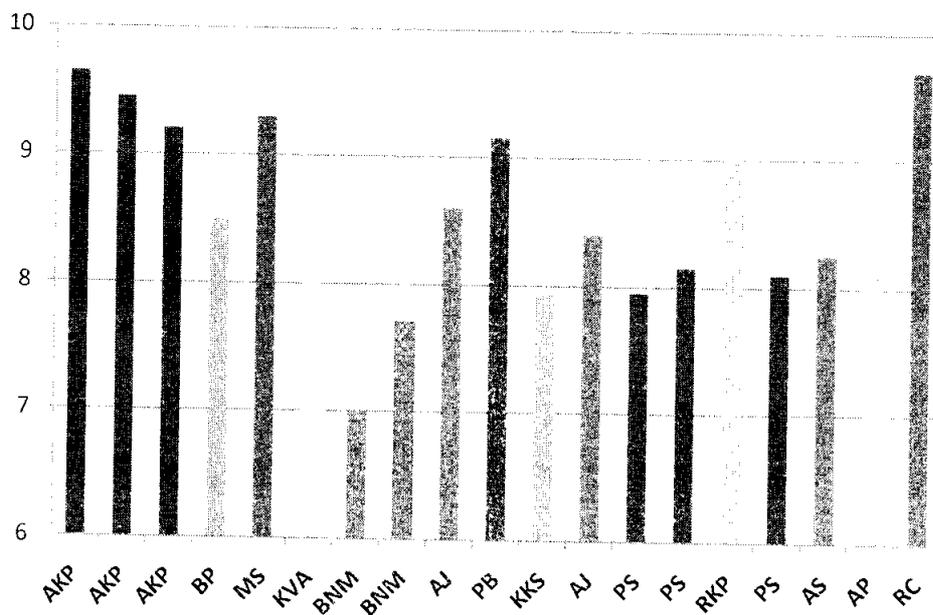


Figure-2: The responses of the participants on each lecture [average score based on feedback from the participants]

Technical Report

4th National Workshop on Trends and Techniques in Chronobiology

10-16 March 2018

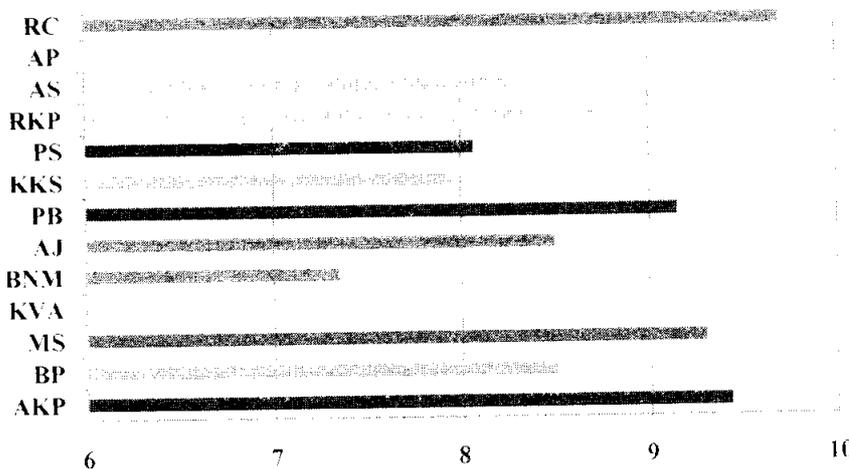
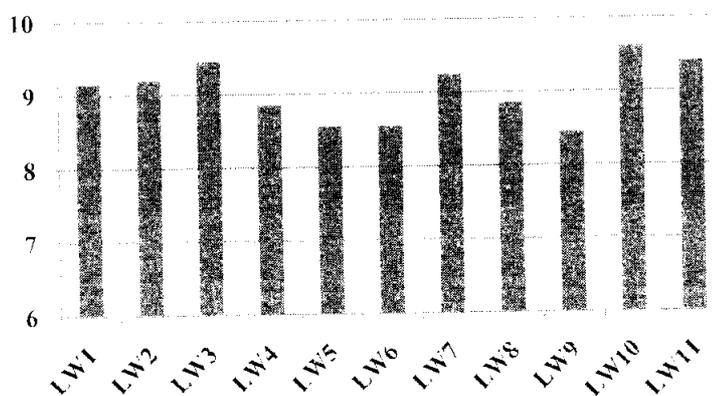


Figure-3: The responses of the participants for resource persons [average score based on feedback from the participants]



LW1 - Study of locomotor activity rhythm using Stanford Kit; LW2 - Digitization of data from the Actogram; LW3 - Study of phototactic behavior in fish; LW4 - Wrist actigraphy; LW5 - Computation of Dichotomy Index and Autocorrelation coefficient; LW6 - Cosinor rhythmometry; LW7 - Ambulatory Blood Pressure Monitoring; LW8 - Autorhythmometry technique; LW9 - Time Series Analysis using ANOVA; LW10 - Measurement of sleepiness using questionnaires; LW11 - Chronotyping using MEQ and MCTQ

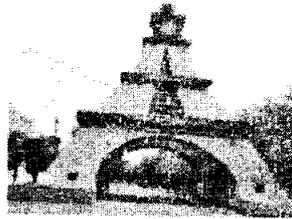
Figure-4: The responses of the participants on lab work [based on feedback from the participants]

Chronobiology Workshop in the local media

इंसानी सोच पर प्रभाव डालती है जैविक घड़ी

रायपुर। नईदुनिया प्रतिनिधि

पंच रविवोकर शुक्ल विधि को जैविक अध्ययन प्रारम्भ में संचालित प्रामोद्योगिकी का केंद्र में 6 दिवसीय सम्मेलन का आयोजन हुआ। इस दौरान मनुष्य को जैविक घड़ी पर केंद्रित आधुनिक तकनीकों के बारे में विस्तृत चर्चा हुई। जैविक घड़ी व्यक्ति के सोचने, समझने की दशा एवं दिशा, तर्क-वितर्क, निर्णय क्षमता व व्यवहार पर प्रभाव डालती है। कार्यशाला को पिछली बार को तरह ही दृग्दर्शित मोड पर डिजाइन किया गया है। इसमें कुल 21 प्रतिभागियों



6 दिवसीय रविवि में सेमिनार का आयोजन

ने हिस्सा लिया। सेमिनार का उद्घाटन विधि कुलपति प्रो. एस्के पांडेय ने किया।

अनियमित दिनचर्या से चिड़चिड़ाहट

मनुष्य में जैविक घड़ी का मूल स्थान हमारा मस्तिष्क है। हमारे मस्तिष्क में करोड़ों कोशिकाएं होती हैं, जिन्हें न्यूरॉन कहते हैं। ये कोशिकाएं पूरे शरीर की गतिविधियों को नियंत्रित एवं निर्धारित करती हैं। सेमिनार में संयोजक डॉ. एके प्रधान ने बताया कि एक कोशिका से अन्य कोशिकाओं को सूचना का आदान-प्रदान विद्युत स्पंदों के माध्यम से किया जाता है। रात को समय विशेष पर सोने जाते हैं तथा सुबह स्वतः जाग जाते हैं। कई दिनों से न सो पाए या अनियमित दिनचर्या वाले व्यक्ति, चिड़चिड़े स्वभाव के

हो जाते हैं। इन सभी विषयों पर सेमिनार में चर्चा हुई।

11 प्रतिभागी छत्तीसगढ़ के उच्च संस्थानों से

इस 6 दिवसीय सेमिनार में 11 प्रतिभागी छत्तीसगढ़ के विभिन्न उच्च शिक्षण संस्थानों से शामिल हो रहे। वहीं बाहर से आने वालों में प्रतिभागियों में से एक प्रतिभागी कटराणी विधि से है। तीन प्रतिभागी स्वयंसेवक भाग्येश मोहन विधि, पांच जमशेदपुर कोल्हान विधि, दो प्रतिभागी बीकारों से हैं।

लंबी उड़ान के लिए सोते समय अपने आधे मस्तिष्क का उपयोग करते हैं पक्षी

रायपुर। पंच रविवोकर शुक्ल विधि में आज रहे कार्यशाला के अंतिम सेमिनार में जैविक घड़ियों पर क्या लक्ष्य दिए गए। सात दिवसीय 6 दिवसीय रविवि में सेमिनार का आयोजन हुआ। इस दौरान मनुष्य को जैविक घड़ी पर केंद्रित आधुनिक तकनीकों के बारे में विस्तृत चर्चा हुई। जैविक घड़ी व्यक्ति के सोचने, समझने की दशा एवं दिशा, तर्क-वितर्क, निर्णय क्षमता व व्यवहार पर प्रभाव डालती है। कार्यशाला को पिछली बार को तरह ही दृग्दर्शित मोड पर डिजाइन किया गया है। इसमें कुल 21 प्रतिभागियों



बताया, लंबी दूरी तक उड़ान वाली पक्षी अपने आधे मस्तिष्क का ही उपयोग सोते समय करते हैं, जिसके कारण ही वे इतने लंबी दूरी तक उड़ पाते हैं। इसी तरह डॉल्फिन भी सोने के समय अपना आधा

मस्तिष्क का उपयोग करती हैं, जिससे यह समय पर पानी की सतह से ऊपर आकर सांस ले सके। इस कारण ही वह सर्वाइव कर पाती हैं। ये गुण स्तनपायी जीव में नहीं पाए जाते।

सबसे पहले झमेली के पौधे में पाई गई थी जैविक घड़ियां

रायपुर में आज डॉ. एस्के शुक्ल आचार्य ने पौधों के जैविक घड़ी के विषय में बताया कि उनकी कियार कैसे होते हैं। साथ ही अलग-अलग पौधों के अलग-अलग जैविक घड़ियों के विषय में भी सुझाव दए। उनके शोध में बताया कि जैविक घड़ियां लकड़ें पर पौधों में ही पाई गई थीं यह भी इनमें के पौधों में। इसी प्रकार छोटे सुकामयस में बताया, हमारे शरीर का जोस किचल प्रकार से हमारे जैविक घड़ियों को रेगुलेंट करता है। जैविक घड़ियों के अध्ययन के फायदे आज की जगह उभर रहे। सेमिनार में सभी प्रशिक्षक व आयोजकों रहे।

Technical Report
4th National Workshop on Trends and Techniques in Chronobiology
10-16 March 2018



Pictures of the Inaugural Session and Speakers during Technical Session

Technical Report
4th National Workshop on Trends and Techniques in Chronobiology
10-16 March 2018



Group photograph

Voice of the participants

1. There should be emphasis on practice session of the lab work and statistical analysis. Lab work should be one or two for better comprehension.
2. Lectures on specific statistical analysis along with software should be more.
3. Program should be organized for longer duration.
4. Overlapping of some lectures should be considered and avoided. Since M. Sc. students also participate, the lecture should be more basic than advanced research oriented.
5. Number of lectures should be reduced.
6. The workshop lectures and lab work should be developed into e-modules.
7. Duration of sessions should be less.
8. Program should be held every year.
9. Interaction time of participants and experts should be separately allotted.

Recommendations to the organizers:

1. More emphasis should be given on hands-on-practice session.
2. Workshop should be organized for longer duration.
3. Such programs should be supported generously by various funding agencies of the country.


(Arti Parganiha)
Organizing Secretary

Report on Two days management Development Workshop

Two days Management Development Workshop was conducted on 16-17 February 2018 for the dealers of Indian Oil Corporation Limited. 35 Indian oil dealers participated in the MDP program.

1 - MAKING THE TRANSITION INTO LEADERSHIP - PROF R. P. DAS

- Defining Success
- Developing Leadership Competencies
- Acting as Leader, Liaison, and Figurehead. Monitor, Disseminator, and Spokesperson
- Allocating Resources
- Acting Entrepreneurially
- Negotiating and Handling Disturbances

2 - BUILDING TRUST, ENGAGEMENT AND INVOLVEMENT- PROF. A. K. SRIVASTAVA

- Applying SCARF
- Leading by Example with the 5 Components of Emotional Intelligence – Self-Awareness, Self-Regulation, Motivation, Empathy, and Social Skill
- Engaging, Involving, and Motivating Others
- The 4 Disciplines of Motivation – Behavioral, Cognitive, Psychodynamic, and Humanistic
- Working with Differing Personality Styles
- Developing Your Leadership Psychological Toolkit
- Discovering and Meeting Stakeholder Expectations

3 - COLLABORATION & TEAMS- PROF. SUNITA DAVE

- Creating, Facilitating, and Maintaining Teams
- Building a Team through Culture, Human to Human Relationships, Effective Communication, and Setting and Meeting Goals & Objectives
- Modern, Autonomous, Self-Organizing, and Cross-Functional Teams

4 - BUILDING PEOPLE WITH CHALLENGING WORK- DR. G. K.DESHMUKH

- Willingness to Delegate
- Delegating Successfully - Preparing and Researching, Clarifying the Intent of the Task, Planning Your Delegation, Delegating Responsibility and Empowering Your Staff to Take Action, and Providing Ongoing Support and Oversight

5 - ATTRACTING AND KEEPING GREAT PEOPLE- DR. SANSKRITY JOSEPH

- Managing Performance
- Knowing Your Staff

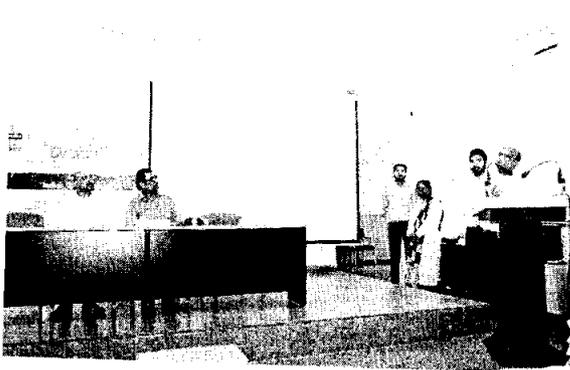
- Checking Assumptions
- Engaging Your Team
- Leading and Coaching for Success
- Managing Disruption




"DIPMA"
Management Development Programme
(16th and 17th February 2018)

for
Indian Oil Dealers

Organized By
Institute of Management
Pt. Ravishankar Shukla University
Raipur (Chhattisgarh)



Jeyaram
DIRECTOR
Institute of Management
Pt. Ravishankar Shukla University
RAIPUR-492010 (C.G.)

Report on Two days management Development Workshop

Two days Management Development Workshop was conducted on 9-10 March 2018 for the dealers of Indian Oil Corporation Limited. 40 Indian oil dealers participated in the MDP program.

1 - MAKING THE TRANSITION INTO LEADERSHIP _ - PROF. A. K. SRIVASTAVA

- Defining Success
- Developing Leadership Competencies
- Acting as Leader, Liaison, and Figurehead. Monitor, Disseminator, and Spokesperson
- Allocating Resources
- Acting Entrepreneurially
- Negotiating and Handling Disturbances

2 - BUILDING TRUST, ENGAGEMENT AND INVOLVEMENT- DR. S. R. PRAVEER

- Applying SCARF
- Leading by Example with the 5 Components of Emotional Intelligence – Self-Awareness, Self-Regulation, Motivation, Empathy, and Social Skill
- Engaging, Involving, and Motivating Others
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- Managing Performance
- Knowing Your Staff
- Checking Assumptions
- Engaging Your Team
- Leading and Coaching for Success
- Managing Disruption



DIRECTOR
Institute of Management
Pt. Ravishankar University
RAIPUR-492010 (C.G.)

~~Page~~

(2)

One Day Workshop on Nano Science & Nano Technology

Organized by

Centre for Nano Science & Nano Technology

School of Studies in Physics & Astrophysics

Pt. Ravishankar Shukla University, Raipur – 492010, Chhattisgarh

August 26, 2017

Venue: C. V. Raman Hall

56

411

②

Technical Programme:

Registration: 09:00 – 10:00 AM

Technical Talks

Speaker 1: Time: 10:15 to 11:15

Tea Break: 11:30 to 11:45 AM

Speaker 2: 11: 45 to 12:45 Noon

Lunch Break: 01:00 – 02:00 O'clock

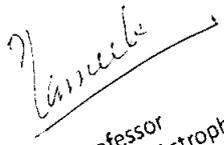
Demonstration of Laboratory Equipments: 02: 00 to 5: 00 PM

Vote of Thanks: 05:00 – 05:15 PM

Conveners

Prof. Nameeta Brahme

Dr. Kamlesh Shrivastava


Professor
S.O.S. in Physics & Astrophysics,
Pt. Ravishankar Shukla University,
Raipur. (C.G.) 492010

②

Report of One Day Workshop on Nano-Science and Nano-Technology

One Day Workshop on Nano-Science and Nano-Technology has been held in C.V. Raman Hall, Pt. Ravishankar University Raipur on 26th August 2017. This Workshop has been organised by joint collaboration of **Centre of Nano-Science & Nano-Technology** and School of Studies in Physics & Astrophysics. About 80 participants have been benefited by attending this workshop.

The Workshop covered the most relevant aspects and the state-of-the-art of Nano-Science phenomenon in all classes of materials.

In the first session two eminent speakers have delivered their lectures Prof. Meera Ramrakhiani, Ex-Professor and Head, Rani Durgawati University, Jabalpur (M.P.) has covered Nano-Science from Basic to Advance level and Prof. B.S. Panigrahi, Scientist, IGCAR, Kalpakkam concentrate on concepts of Nano-Science with its applications.

In Second session demonstration of sophisticated instruments has been done. Both the speakers have shared their knowledge and experience to young faculty members, research scholars and PG students.

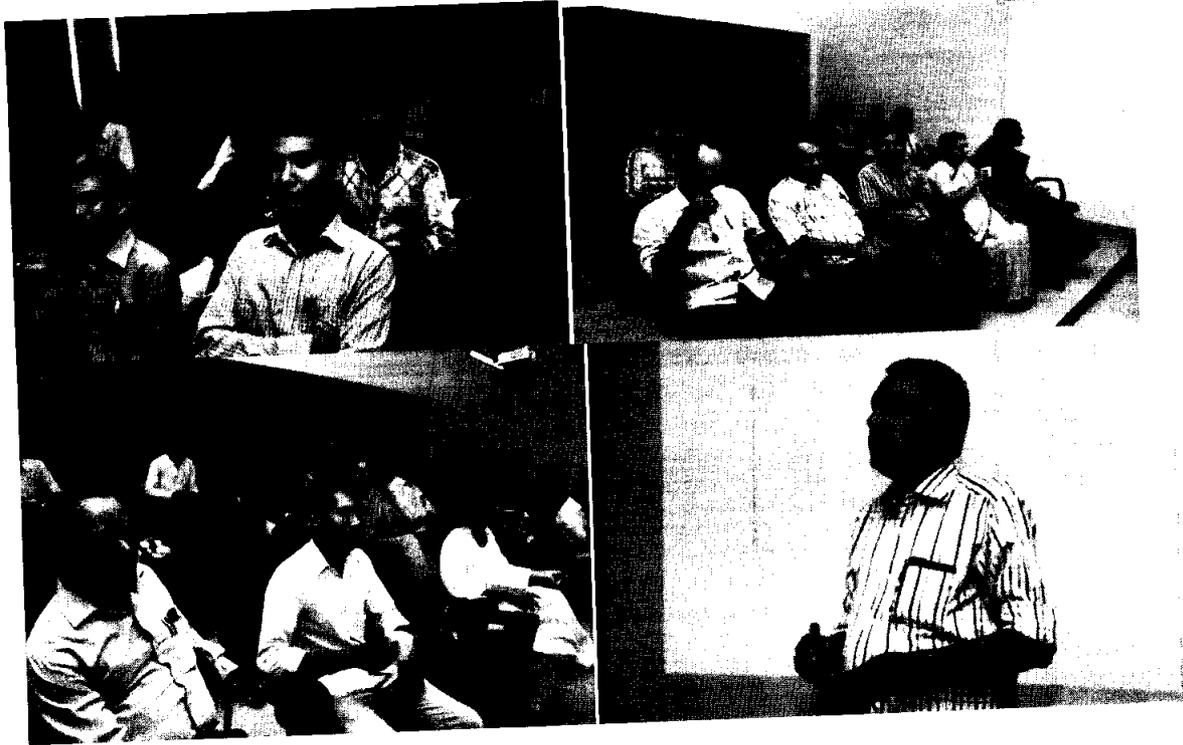


Namick

Professor

S.O.S. in Physics & Astrophysics,
Pt. Ravishankar Shukla University,
Raipur. (C.G.) 492010

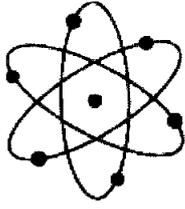
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Nameeta
Convener

(Prof. Nameeta Brahme)

Professor
S.O.S. in Physics & Astrophysics,
Pt. Ravishankar Shukla University,
Raipur. (C.G.) 492010



छत्तीसगढ़ विज्ञान सभा

पुष्प

3

छत्तीसगढ़ विज्ञान सभा
पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर



आमंत्रण

'जीरो शेडो डे' राष्ट्रीय कार्यशाला

मुख्य अतिथि
डा. के. सुब्रमनियम
महानिदेशक
छत्तीसगढ़ विज्ञान एवं प्रौद्योगिकी परिषद्
रायपुर

विशेष अतिथि
प्रो. केशरी लाल वर्मा
कुलपति
पं. रविशंकर शुक्ल विश्वविद्यालय
रायपुर

अध्यक्षता
प्रो. एम. एल. नायक
कार्यकारी अध्यक्ष
छत्तीसगढ़ विज्ञान सभा

उद्घाटन सत्र
दिनांक 21 अप्रैल 2018, शनिवार
प्रातः 10:30 बजे

स्थान: - सभागार, मानव संसाधन विकास केन्द्र पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर

- विनीत -

पी.सी. रथ
सचिव
छत्तीसगढ़ विज्ञान सभा

प्रो. नमीता ब्रम्हे
विभागाध्यक्ष, भौतिकी एवं खगोल भौतिकी
पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर

सहयोग - भारतीय ज्योतिर्विज्ञान परिषद् एवं विज्ञान प्रसार, विज्ञान एवं प्रौद्योगिकी विभाग, भारत सरकार

NATIONAL WORKSHOP ON ZERO SHADOW DAY

TIME SCHEDULE

21-22 April 2018

HRDC, Pt. Ravishankar Shukla University, Raipur C.G.

1st Day – 21st APRIL

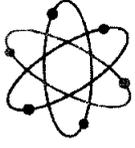
Sr. No.	Time	Subject	Resource Persons Coordinator
01	10:00 to 11:00	Inaugural Session	Dr. Ashok Pradhan and Vishwas Meshram
02	11:00 to 11:30	Introduction of Zero Shadow Day	Dr. Samir Dhurde
03	11:30 to 13:30	Experiments to find local noon meridional Altitude of Sun, local Latitude, Nadivalaya	Dr. Samir Dhurde, Dinesh Kumar, Nidhi Singh
04	13:30 to 14:00	LUNCH	
05	14:00 to 15:00	Celestial Coordinate System in Interaction on Positional Astronomy	Bipas Das Gupta
06	15:00 to 15:15	TEA	
07	15:15 to 15:45	Interaction on Positional Astronomy	Bipas Das Gupta
08	15:45 to 16:30	Using Roleplay in Astronomy Education	Dr. Y.K. Sona, Dinesh Kumar, Nidhi Singh
09	16:30 to 17:00	How to Use the PS App and App	Sujoy Chakraborti
10	17:00 to 17:30	Measuring the Earth's Diameter	Dr. Laxmikant Chaware
11	17:30 to 18:00	Testing FAO On 2SD	Dr. Laxmikant Chaware
12	18:00 to 18:15	TEA	
13	18:15 to 19:00	Discussion on Organizing ZSD Campaign in state	Dr. Samir Dhurde, PC Rath, SR Azad
14	19:00 to 20:00	How to Organize Astronomy Olympiad	SR Azad
15	20:00 to 21:00	Sky Watching	Dr. NK Chakradhari
16	21:00 to 22:00	Supper	

2nd Day – 22nd APRIL

Sr. No.	Time	Subject	Name
01	8:00 to 9:00	Breakfast	
02	09:00 to 10:00	Journey to Universe – Play and Song on Astronomy	Anju Meshram, Shekhar Nag
03	10:00 to 11:00	Astronomy vs Astrology – Talk	Arunkant Shukla
04	11:00 to 11:30	Statewise Session to plan Campaign Group Discussion	SR Azad, Vishwas Meshram
05	11:30 to 12:30	Feedback and Valedictory Session, Certificate distribution	Prof. M.L. Naik, Alok Sharma
06	12:30	Vote of Thanks	Dipankar Bhowmik
07	12:35 to 01:00	LUNCH	
08	01:00 to 5:00	Visit To Naya Raipur Airport & Head Office	Vishwas Meshram, Akshay Bharos, Hariz Bux

S.O.S. in Physics & Astrophysics,
Pt. Ravishankar Shukla University,
Raipur. (C.G.) 492010





छत्तीसगढ़ विज्ञान सभा

मास्टर ट्रेनर्स प्रशिक्षण हेतु कार्यशाला



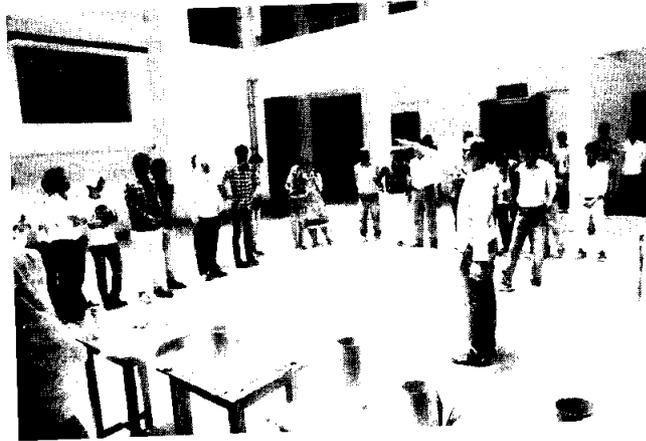
शून्य परछाई दिवस

दिनांक 21 एवं 22 अप्रैल 2018

पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर

संयुक्त आयोजक : छत्तीसगढ़ विज्ञान सभा एवं पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर
प्रायोजक : भारतीय खगोलीय संगठन एवं विज्ञान प्रसार भारत सरकार

1. National Workshop on "Zero Shadow Day" was organized at SoS in Physics and Astrophysics, Pt. R.S. University, Raipur in association with Chhattisgarh Vigyan Sabha during 21-22 Apr 2018. The programme was supported by Vigyan Prasar, DST, New Delhi and Astronomical Society of India. The main objective of the workshop was to provide training to participants to organize ZSD at their own place. The participants include 35 trainees from Chhattisgarh, MP, Maharashtra, Orissa, and West Bengal. Along with the trainees, the students of SoS in Physics and Astrophysics, and Centre for Basic Sciences, Pt. R.S. University, Raipur also participated in the workshop. The resource persons were Sameer Dhurde (IUCAA, Pune), Bipash Das Gupta (Birla Planetarium, Kolkata), Prof. M.L. Nayak, Vishwash Meshram, B.K. Lal, Dr. Y.K. Sona, Dr. L.K. Chaware, Dr. N.K. Chakradhari, Dinesh Kumar, Nidhi Singh, P.C. Rath, S.R. Azad, Anju Meshram, Sekhar Nag, Arunkant Shukla, and members of Chhattisgarh Vigyan Sabha.



जिस दिन नहीं बनती परछाई, वह है 'जीरो शेडो डे'

■ नवभारत टिफोटैर रायपुर.

छत्तीसगढ़ विज्ञान सभा एवं पं. रविशंकर शुक्ल विश्वविद्यालय के संयुक्त तत्वावधान में जीरो शेडो डे को लेकर दो दिवसीय मास्टर ट्रेनर्स की राष्ट्रीय कार्यशाळा का आयोजन विश्वविद्यालय के सभागार में किया जा रहा है. कार्यक्रम में छत्तीसगढ़, मध्यप्रदेश, महाराष्ट्र, ओडिशा एवं पश्चिम बंगाल से 35 मास्टर ट्रेनर्स भाग ले रहे हैं. सभी मास्टर ट्रेनर्स प्रशिक्षण के बाद अपने-अपने राज्य में लोगों को शून्य छाया दिवस के घटनाक्रम से अवगत कराएंगे.

कार्यक्रम का शुभारंभ कुलपति केसरी लाल वर्मा, छत्तीसगढ़ विज्ञान सभा के कार्यकारी अध्यक्ष प्रो. एम. एल. नाबक, खगोल शारमी ससीर धुरडे, जन विज्ञानी बी. के. लाल, खगोलशास्त्री विभागा दामपुता एवं विज्ञान सभा के बरिष्ठ सदस्य अशोक प्रधान के आतिथ्य में हुआ. सर्वप्रथम प्रो धुरडे ने जीरो शेडो डे क्या है? इस विषय के बारे में जानकारी दी. उन्होंने बताया कि परछाई न बनने के घटनाक्रम को खगोल विज्ञानी जीरो शेडो डे या शून्य छाया दिवस कहते हैं. शून्य छाया दिवस को घटना कर्क रेखा और मकर रेखा के बीच ही घटित होती है. जन विज्ञानी डॉ. लाल



कार्यक्रम में भाग ले रहे मास्टर ट्रेनर्स

- जीरो शेडो डे को लेकर मास्टर ट्रेनर्स की दो दिवसीय राष्ट्रीय कार्यशाळा
- छत्तीसगढ़ विज्ञान सभा व पं. रविशंकर शुक्ल पब्लि का संयुक्त आयोजन

ने जीरो शेडो डे पर प्रकाश डालते हुए कहा कि इस दिन परछाई एकदम से न तो गायब होती है और न ही हमारा साथ छोड़ती है बल्कि वह हमारे अंदर ही कुछ समय के लिए समाहित हो जाती है. इसी खगोलीय घटनाक्रम को जीरो शेडो डे कहते हैं. इस दिन मध्यरात्र के समय सूर्य फिर के ऊपर होता है. इस दौरान भूमध्य रेखा से

कर्क रेखा के बीच कुछ स्थानों पर सूर्य की किरणें सीधी पड़ती हैं, जिस कारण वहां लंबवत खड़ी किसी चीज की परछाई नहीं बनती.

कुलपति ने की तराहना

पं. रविशंकर शुक्ल विश्वविद्यालय के कुलपति प्रोफेसर केसरी लाल वर्मा ने खगोल विज्ञान पर आधारित दो दिवसीय कार्यशाळा की सराहना की. उन्होंने मास्टर ट्रेनर्स को संबोधित करते हुए कहा कि जिन राज्यों में जीरो शेडो डे को देखा जा सकता है, वहां जरूर लोगों के मध्य प्रदर्शन कर उन्हें इस खगोलीय घटना के बारे में बतायें. स्कूलों में कार्यक्रम कर छात्रों को जानकारी दें तथा उनकी जिज्ञासाओं को शांत करें.

सावधान... 26 मई को गायब हो जाएगी आपकी छाया!

पांच राज्यों के 35 ट्रेनर्स को दी शून्य छाया दिवस पर जानकारी



रायपुर ■ छत्तीसगढ़ विज्ञान सभा और पंडित रविशंकर शुक्ल विश्वविद्यालय के संयुक्त तत्वावधान में दो दिवसीय मास्टर ट्रेनर्स की राष्ट्रीय कार्यशाळा विविध के मानव संसाधन केंद्र में आयोजित की गई। इस कार्यशाळा में छत्तीसगढ़, मध्यप्रदेश, महाराष्ट्र, ओडिशा और पश्चिम बंगाल से 35 मास्टर ट्रेनर्स शामिल हुए। वे अपने राज्यों में लोगों को शून्य छाया दिवस के घटनाक्रम में अवगत कराएंगे।

समीर धुरडे ने बताया परछाई ना बनने के घटनाक्रम को खगोल विज्ञानी जीरो शेडो डे या शून्य छाया दिवस कहते हैं। विविध के कुलपति प्रोफेसर केसरी लाल वर्मा ने कहा कि जिन राज्यों में जीरो शेडो डे को देखा जा सकता है वहां जरूर लोगों को इस घटना के बारे में जरूर बताएं। मध्यरात्र विषुवास मेघाम व आधा प्रदर्शन पोली रथ में किया। जनविज्ञानी डॉ. बीके. लाल ने कहा, जीरो शेडो डे के समय परछाई एकदम से न तो गायब होती है और न ही हमारा साथ छोड़ती है बल्कि वह हमारे अंदर ही कुछ समय के लिए समाहित हो जाती है।

रायपुर ■ भारतीय वैज्ञानिक प्रो. मेघनाथ साहा द्वारा स्थापित पोलिगनल एस्ट्रोनॉमी इंस्टीट्यूट कालकत्ता के वैज्ञानिक रहे, तत्समय में एएपी क्विल्ला एलेनोर्तिय के वैज्ञानिक अधिकारी विभागा दामपुता में कोमिशनर एस्ट्रोनॉमी के बारे में जीरो शेडो डे में जुड़ी महत्वपूर्ण जानकारी दी। उन्होंने बताया, शून्य छाया दिवस को घटना कर्क रेखा और मकर रेखा के बीच ही घटित होती है। इस दौरान भूमध्य रेखा से कर्क रेखा के बीच कुछ स्थानों पर सूर्य की किरणें



सीधी पड़ती है जिस कारण वहां के लंबवत खड़ी किसी चीज की परछाई नहीं बनती। रायपुर में 26 मई को दोपहर करीब 12 बजे जीरो शेडो डे की घटना होगी।

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 www.paper.patraka.com/c-28170168

Source: Navabharat 24 Apr 2018

National
 Workshop of Master Trainers
Zero Shadow Day
 21-22 April 2018
 HRDC, Pt. Ravishankar Shukla University, Raipur

Organizer
 Chhattisgarh Vigyan Sabha and
 Pt. Rav shankar Shukla University Raipur

Supported by
 Astronomical Society of India and
 Vigyan Prasar DST, Gol

Signature
 Professor & Head
 S.O.S. in Physics & Astrophysics,
 Pt. Ravishankar Shukla University,
 Raipur. (C.G.) 492010

Signature
Prof. Nameeta Brahma
 Professor
 S.O.S. in Physics & Astrophysics,
 Pt. Ravishankar Shukla University,
 Raipur. (C.G.) 492010

नशामुक्ति का संदेश देने स्टूडेंट्स के साथ प्रोफेसरों ने निकाली रैली

रविव के मनोविज्ञान विभाग का आयोजन

रायपुर • समाज को नशामुक्त करने और युवाओं को नशा से बचाने के लिए पंडित रविशंकर शुक्ल विश्वविद्यालय के स्टूडेंट्स और प्रोफेसरों ने जागरूकता रैली निकाली। शुक्रवार व अन्य महत्वपूर्ण दिनों से दूर रहने का संदेश दिया। रैली के बाद प्रेक्षागृह से विधि के मुक़ाबल तक मानव श्रृंखला बनाई गई। इसमें विधि के अलावा दूसरे स्कूल के विद्यार्थियों ने भी हिस्सा लिया। कार्यक्रम का आयोजन मनोविज्ञान विभाग की ओर से किया गया था। मनोविज्ञान विभाग में गांधी जयंती के अवसर पर 2 में 8 अक्टूबर तक मध्यमन स्त्रिय सप्ताह का आयोजन किया जा रहा है। इसी के तहत शुक्रवार को विशाल रैली निकाली गई थी।



प्रोफेसर भी हुए शामिल

कार्यक्रम का आयोजन मनोविज्ञान विभाग की विभागाध्यक्षा प्रोफेसर डॉ. पियवंदा श्रीवास्तव और प्रोफेसर बशीर हसन की ओर से किया गया था। इसमें विश्वविद्यालय के प्रोफेसर डॉ. मीयना धरुवती, डॉ. रीता वेणुगोपाल, डॉ. पीति सुरेश, डॉ. गजबल, डॉ. गोपाल सदाकर और एनएसएस के स्टूडेंट्स शामिल थे।

बैनर-पोस्टर में गांधीजी का दिया संदेश

मध्यमन सप्ताह के तहत आयोजित जागरूकता रैली में शामिल विद्यार्थियों की प्रेक्षागृह में कुलपति प्रोफेसर कैपल वर्मा ने संबोधित किया। इसके बाद रैली को रवाना किया। इसमें 350 से अधिक छात्र-छात्राओं ने हिस्सा लिया। इस दौरान स्टूडेंट्स के हाथों में बैनर-पोस्टर थे, जिसमें महात्मा गांधी के नशा छोड़ने के संदेश लिखे हुए थे।



विद्यालय में 10 गुना बढ़ा मानसिक रोगी

रायपुर • नगरपालिका के डॉ. सीतल शर्मा ने बताया कि नगरपालिका में 10 गुना बढ़ा मानसिक रोगी का इलाज किया जा रहा है। इसका कारण शहरीकरण और मानसिक तनाव का बढ़ना है। शहरीकरण के कारण शहरी इलाकों में मानसिक तनाव बढ़ रहा है। शहरीकरण के कारण शहरी इलाकों में मानसिक तनाव बढ़ रहा है। शहरीकरण के कारण शहरी इलाकों में मानसिक तनाव बढ़ रहा है।

सुसाइड रोकने स्ट्रेस मैनेजमेंट को स्कूल सिलेबस में करना होगा शामिल: प्रोमिला

AWARENESS SEMINAR
मिटी रिपोर्टर रायपुर



डॉ. प्रोमिला मिश्र

पं. रविशं के माइक्रोवर्ल्ड डिपार्टमेंट की ओर से मेंटल हेल्थ टॉपिक पर आयोजित दस दिवसीय अवेयरनेस प्रोग्राम गुरुवार से शुरू हुआ। पहले दिन प्रो. बी. हसन ने डिप्रेशन के कारण बच्चों में बढ़ रही म्यूडडल टेडेमी पर बात रखी। उन्होंने कहा, लगातार बढ़ते डिप्रेशन के कारण मेंटल के साथ फिजिकल हेल्थ पर भी पभाव पड़ रहा है। बच्चों में स्ट्रेसरोलता खतरा होती जा रही है। यही खतरा है कि ये म्यूडडल जेमा गनत कदम उठा रहे हैं। जब बच्चा डिप्रेशन में हो तो उम्मीद मदद करें। इसमें पैरेंट्स की भूमिका अहम हो जाती है। पैरेंट्स को बच्चों से इमोशनली कनेक्ट होने की जरूरत है।

बच्चों की तुलना दूसरे बच्चों से करने से बचें। एक्सपर्ट डॉ. प्रोमिला मिश्र ने कहा कि म्यूडडल रोकना है तो स्ट्रेस मैनेजमेंट टॉपिक को स्कूल सिनेबस में जोड़ना चाहिए। बच्चों जब स्ट्रेस में वाह्य निकलने का तरीका पढ़ेंगे तो ऐसा गनत कदम नहीं उठाएंगे। कार्यक्रम में रिटायर्ड एडिशनल डायरेक्टर प्रो. अरजो भावे, कुलपति प्रो. कैमरीनान वर्मा, रजिस्ट्रार डॉ. गिरीश कान्त पांडेय, एच.आंडी डॉ. मीता आ मौजूद रही।

TOPICS TO BE COVERED

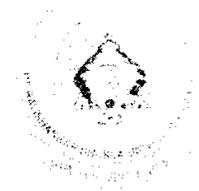
- Variable and its levels of Measurement.
- Levels of Measurement and type of Analysis
- Overview of SPSS Data entry, data screening, new variable creation computation, recoding, splitting, merging, conditional selection of dataset, sample.
- Scale development and Standardization
- Item analysis (Reliability), Multiple Regression Analysis and Robustness Checks.
- Exploratory and Confirmatory Factor Analysis.
- Hierarchical and Moderation Regression Analysis.
- Hypotheses testing
- From research question to hypotheses
- Sampling distributions
- Crafting of hypotheses
- Types of hypotheses
- How to set alternate hypotheses
- Level of significance
- Testing process
- Prevailing practices of writing hypotheses in international papers
- Descriptive Statistics – Using frequencies, descriptive, explore, crosstabs functions
- Compare means – Means test, one-sample t-test, independent sample t-test, summary independent sample t test, paired sample t-test, ANOVA
- Reliability and validity
- SPSS
- General linear models -- Univariate and multivariate
- Factorial ANOVA – Interaction effect
- Covariate
- Correlation - Bivariate, Partial and Canonical
- Regression

SOS statistics

25

3.3.2

①
Seven days National Workshop
On
Research Methodology, SPSS & R



NAAC Accredited "A"
01-07 September, 2017

Dr. Prabha Rohatgi
Convener-organizer
Professor & Head
S.O.S. in Statistics
Mo.No.- 9406009403
E-mail:rohlatgi.prabha@gmail.com

Dr. Meeta Jha
Co-organizer
Professor
S.O.S. in Psychology
Mo.No.- 08319800179
E-mail:meetajha2010@gmail.com

Organized by
School of Studies in Statistics
Pt. Ravishankar Shukla University
Raipur (C.G.)-492010

6

VISION

As part of a new initiative to expand research training for junior investigators engaged in academic research, we are conducting this workshop and data analysis. This program introduces postgraduates/research scholars to key concepts on the importance of data analysis. Instead, one should say what is not important about data analysis. Merely analyzing data isn't sufficient from the point of view of making a decision. How does one interpret from the analyzed data is more important. Thus, data analysis is not a decision making system, but decision supporting system and this program will fill the gap.

The workshop adopts a problem solving approach which would include lecture and Lab work sessions. The focus would be to undertake empirical research based setting which includes research methodology concepts, overview of SPSS, data entry, data editing, data analysis and interpretation of results. Interactive learning sessions would focus on "how to do" including hands on training to use SPSS statistical software.

This workshop will provide participants with practical experience with a variety of analysis tools to help them to make decisions appropriate to the research situation.

BENEFITS TO THE INDIVIDUAL

- The program will benefit the participant to do personalized data analysis and rule out dependency on Statistician.
- SPSS Software and E-book on SPSS
- Real data analysis and interpretation of results.
- Participant's skill development and resultant market value in cut throat competitive paradigm.

BENEFITS TO THE RESEARCH GUIDE

- The trained research scholar/teachers will be available to supervisors them at least two years to help in their research.
- In addition, he/she will help other students in the group for analysis and interpretation of results.

BENEFITS TO THE INSTITUTION

- Skill development, academic progression with multiphase benefits to stakeholders, students, teachers and resultant university ranking.

PEDAGOGY

Theoretical discussion for common and important Statistical Techniques.

- Hands-on-practice on SPSS for common statistical techniques, interpretation of results and group discussion.

TIME & DURATION

No. of Days & Date	01.09.2017 – 07.09.2017
Registration & Welcome	01 September
First Session	8.00 a.m. to 10.00 a.m.
Tea Break	10.00 a.m. to 10.30 a.m.
Second Session	10.30 a.m. to 12.30 p.m.
Conclusion and Closing Remarks	07.09.2017(12.30 onwards)

VENUE

Seminar Hall
SOS in Statistics,
Pt. Ravishankar Shukla University, Raipur

REGISTRATION FEES

Rs. 2000.00 per participant

- Deadline for Registration 31st August, 2017.
- Registration fee covers the costs of program materials, certificate of participation as well as refreshments served during the workshop.

NO. OF PARTICIPANTS

- The program will have 40 participants registered on a first come first basis.
- Each participant should bring her/his laptop.
- SPSS software package will be installed after Registration.

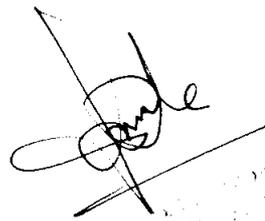
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National Workshop on Life Skill ✓

अध्यापक शिक्षा संस्थान पं. रविशंकर शुक्ल विश्वविद्यालय रायपुर में दिनांक 01.02.2018 से 03.02.2018 तक राष्ट्रीय कार्यशाला आयोजित किया गया जिसका विषय था **Life Skill** । इस आयोजन के को-आर्डिनेटर के रूप में अध्यापक शिक्षा संस्थान के संचालक प्रो.सी.डी.अगाशे सर थे। इस कार्यशाला में महाविद्यालयीन छात्र, शोधार्थी, शिक्षक, प्राचार्य प्रतिभागी थे जो छत्तीसगढ़ के अलावा विभिन्न प्रांतों से आए हुए थे। प्रथम एवं द्वितीय दिवस के कार्यशाला में पुणे विश्वविद्यालय के मनोविज्ञान विभाग की विभागाध्यक्ष डा.सविता देशपांडे मैडम ने प्रशिक्षण दिया। तृतीय दिवस में श्री सुभाष राठी का प्रशिक्षण कार्यक्रम रहा। कार्यशाला में क्रियाकलाप के साथ ही **Life Skill** के विभिन्न पहलुओं पर प्रकाश डाला गया।

(69)


Dr. Savita Deshpande
Department of Psychology
University of Pune
Pune, Maharashtra

2

NATIONAL WORKSHOP ON “EDUCATIONAL FILM MAKING”

अध्यापक शिक्षा संस्थान पं. रविशंकर शुक्ल विश्वविद्यालय रायपुर में दिनांक 26.02.2018 से 27.02.2018 तक “Educational Film Making” विषय पर राष्ट्रीय कार्यशाला का आयोजन किया गया। इस कार्यशाला के अध्यक्ष अध्यापक शिक्षा संस्थान के संचालक प्रो.सी.डी.अगाशे सर थे।

दो दिवसीय इस कार्यशाला में छत्तीसगढ़ फिल्म जगत के अभिनेता पद्मश्री अनुज शर्मा एवं उनके टीम के निर्देशक, संगीतकार, पटकथा लेखक के द्वारा शैक्षिक फिल्म निर्माण की बारीकियों के बारे में जानकारी प्रदान की गई। इस कार्यशाला में छत्तीसगढ़ के विभिन्न महाविद्यालयों से आए हुए शिक्षक एवं शोधार्थी प्रतिभागी के रूप में सम्मिलित हुए।

4


DIRECTOR
Institute of Teacher Education
Ravi Shankar Shukla University
RAIPUR (C. G.)

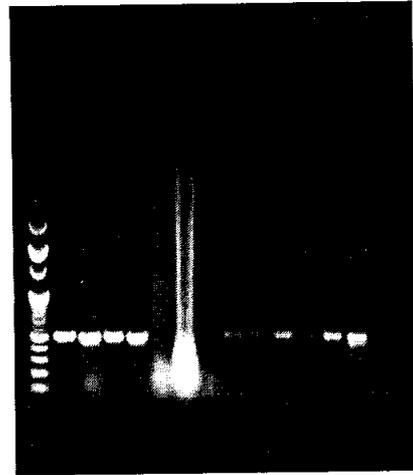
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International Training program- Organized a four-days training program on 'banana virus indexing' and 'genetic fidelity testing in tissue-cultured banana plants', for 13 African candidates from July 23 to 26, 2018; funded by Biotech Consortium India Ltd. (BCIL), New Delhi. BCIL is an organization created by Dept. of Biotechnology, New Delhi, Gol.

A REPORT
On
Training Program of African Candidates
Molecular Techniques for Virus Indexing & Clonal Fidelity
(July 23-26, 2018)

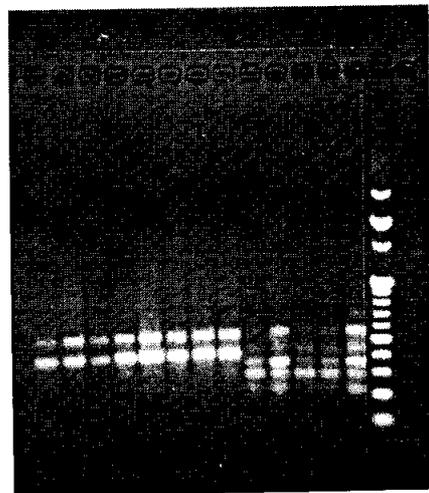
School of Studies in Biotechnology of Pt. Ravishankar Shukla University, Raipur organized a four-days training program for African candidates. The program was scheduled from July 23rd to 26th 2018. On the first day of the program, the candidates interacted with Prof KL Verma, the Vice-Chancellor of the host University. Further, the program was carried forward by Dr Afaque Quraishi, Coordinator of the training program. An orientation lecture on DNA extraction and purification was given by the respective speaker. Moreover, a briefing was conducted for the participants for their hands-on training on DNA isolation and quantification. Initially, the candidates visited the field for visual identification of BBTV infected banana plants. Then, the candidates performed extraction of DNA from banana plants to diagnose the Banana Bunchy Top Disease following the amplification of extracted DNA via PCR technique. On the second day of the program, the participants performed the PCR and electrophoresis of the PCR amplicons for BBTV indexing. In the second-half of second day, Dr Afaque Quraishi delivered a presentation about PCR, its function, advantages and its application. After that, the participants were trained to observe the bands in electrophoresis gel through a gel documentation system for BBTV indexing (Figure 1).

Figure 1: BBTV indexing via PCR, the band near 500 bp shows the amplicons for BBTV coat protein gene.

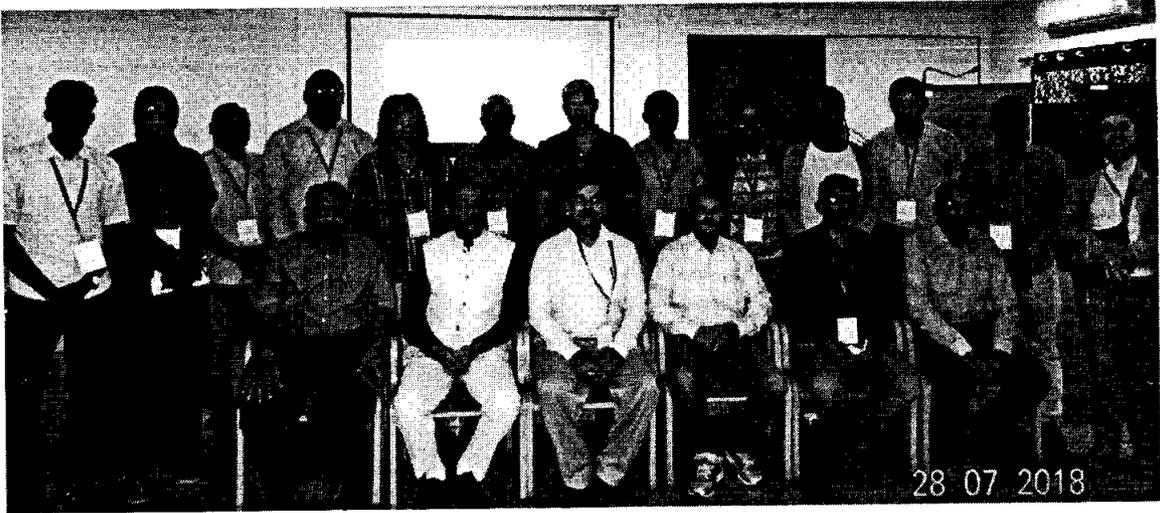


The next day, participants performed the experiments for clonal fidelity of *in vitro* cultured banana plantlets. The ISSR markers were used for accessing genetic fidelity of micropropagated banana plantlets via PCR. A thorough presentation for primer designing was also delivered in the same session. After completion of the session, the African candidates interacted with the post- graduate students of the host department and share the scientific knowledge with them. In the last day of training, the African participants performed the electrophoresis of amplicons and observed the genetic integrity of the micropropagated banana plantlets with their mother-plants (Figure 2). At the last session, the African participants interacted with the Head, faculties, and students of the host department and share their feedback about the training program.

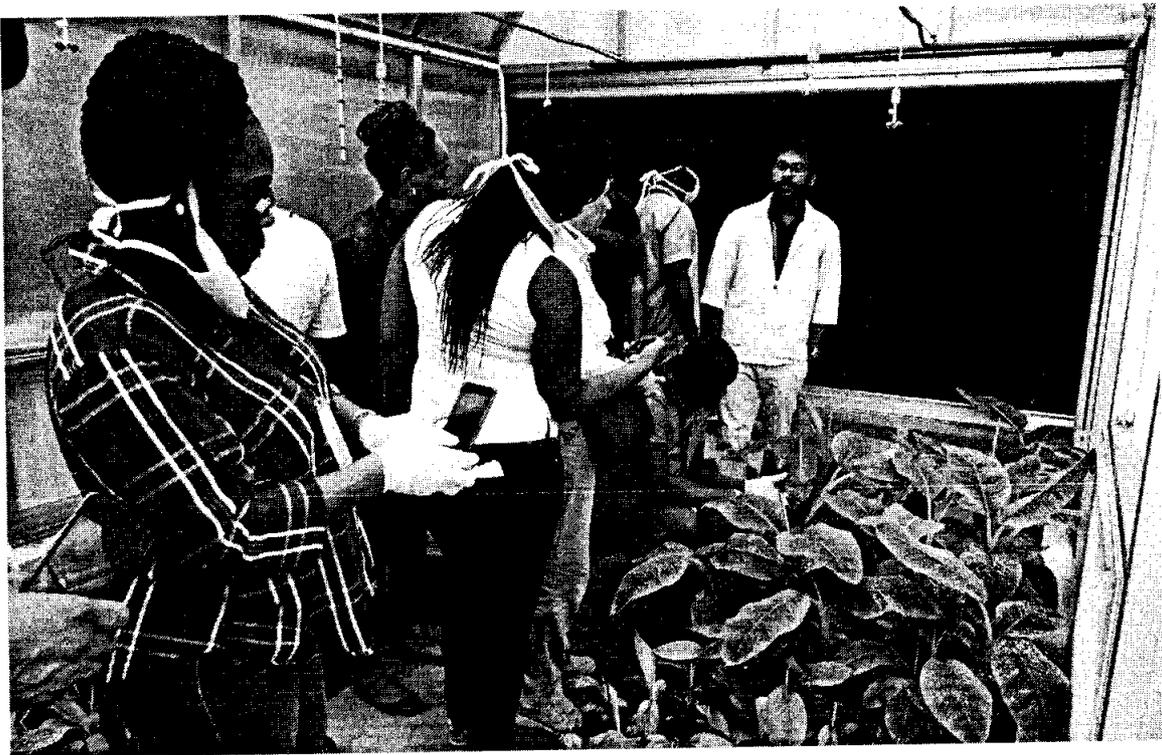
Figure 2: Image showing the genetic integrity of *in vitro* cultured banana plantlets with their mother-plants by using 2 different ISSR markers.

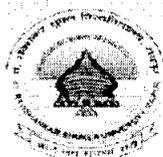












ONE DAY CONFERENCE ON
"RECENT ADVANCES IN
FUNCTIONAL NANOMATERIALS"

125th BIRTH ANNIVERSARY
BOSE 125



As a Celebration of 125th Birth Anniversary of Prof. S. N. Bose
28th September 2018

Organized by :
School of Studies in Chemistry,
Pt. Ravishankar Shukla University, Raipur, Chhattisgarh

Sponsored by :
S. N. Bose National Centre for Basic Sciences, Kolkata

As a part of the 125th birth anniversary of the legendary physicist Prof. Satyendra Nath Bose, this one day conference is designed to promote the sharing of scientific knowledge, skill and expertise in the areas of functional nanomaterials.

It will provides an interdisciplinary platform to budding scientists, postgraduate students, research scholars and teachers from chemistry, physics, material sciences, solid state electronics and life sciences etc. to know the challenges, recent trends and innovations in materials science. It also offers an opportunity to exchange technical information and network with the peers. Some eminent scientists will deliver lectures on the theme of the conference as well as life and works of Prof S N Bose. A poster competition will be organized. A documentary film on Prof. S. N. Bose will also be screened.

The organizing committee cordially invites Research Scholar/ M.Sc. Students/ Faculty Members to participate in this conference. Interested participants may submit their Abstracts for Poster Competition on the following subject before **20th September 2018**. Abstract should be sent to the Convener through Email: kallolkghosh@gmail.com. (School of Studies in Chemistry, Pt. Ravishankar Shukla University, Raipur 492010, Chhattisgarh, Tel: 0771-2263146; Mobile: 94252-16204; 78795-81979).

Topics :

- Synthesis, Characterization and Properties of Functional Nanomaterials.
- Biochemical and Chemical Sensors.
- Nanocomposites and Their Emerging Properties.
- Application of Nanomaterials on Health Care.
- Nanomaterials for Clean Energy and Environment.
- Devices for Energy Storage and Energy Conversion.

Registration Fee : Delegate/Research Scholar : Rs. 300/-
Student : Rs. 200/-

SPEAKERS : Prof. Samir K. Pal, SNBNCBS; Prof. D.C. Mukherjee, CU; Prof. C. R. Sinha, JU; Dr. Sanjib Banerjee, HT Bhilai; Dr. K C Dewangan, IGSPU, Amarkantak; Dr. Subhash Banerjee, GGU Bilaspur.

Local Organizing Committee :

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Chairman : Prof. Manas Kanti Deb, Head S.o.S. in Chemistry
Convener : Prof. Kallol K Ghosh
Organizing Secretary : Dr. Kamlesh Srivash
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Prof. Shamsih Pervez
Dr. M.K. Rai
Dr. Bhaushree Gupta
Dr. Sanjib Banerjee
Dr. Deepak Sinha

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<p align="center">National Advisory Committee</p> <p>Prof. D. Dasgupta Hyderabad Prof. R. K. Verma Patna Prof. B. K. Mishra Sambalpur Prof. S. M. Khopkar Mumbai Prof. C. Lalita Agra Prof. S. Iswar Delhi Prof. V. Arora Amravati Prof. P. K. Bhargava Varanasi Prof. G. C. Kaistreshtha New Delhi Prof. K. S. Sarma Jaipur Prof. P. Chattopadhyay Bardwan Prof. L. J. Patil Nagpur Prof. A. E. Mishra Sagar Prof. T. S. Pat Kharagpur Prof. Rajiv Jain Gwalior Prof. Anurag Sinha Mohali</p> <p align="center">Local Organizing Committee</p> <p>Chief Patron : Prof. Keshari Lal Verma <small>(Vice-Chancellor)</small></p> <p>Patrons : Prof. Ramu Pande <small>(UGC DRS Fellow)</small> & Prof. K. S. Patel <small>(UGC DRS Fellow)</small></p> <p>Chairman : Prof. Kulbik Chosh <small>(Coordinator UGC SAP)</small></p> <p>Conveners : Prof. Manu Kanti Deb & Prof. Shamsh Pervez</p> <p>Organizing Secretaries : Dr. Kamlesh K. Shrivastava & Dr. M. L. Sainani</p> <p>Treasurer : Indrapal Karbhal</p> <p>Food & Accommodation : Dr. Manish K. Rai</p>	<p align="center">UGC - SAP-DRS - II 3rd National Conference on ADVANCES IN ENVIRONMENTAL & CHEMICAL SCIENCES March 27-28, 2019</p> <p align="center">REGISTRATION FORM</p> <p>Name</p> <p>Designation</p> <p>Date of Birth..... Gender: M/F</p> <p>Address.....</p> <p>.....</p> <p>Telephone No / Mobile No</p> <p>Email</p> <p>Preference: Oral/Poster</p> <p>Accommodation Required: Yes/No</p> <p>Particulars of Accompanying Person:</p> <p>1. Name/Age/Gender:</p> <p>2. Name/Age/Gender:</p> <p>Details of Demand Draft:</p> <p>DD No: Date Amount</p> <p>Name of the Bank</p> <p>Place/Date Signature</p> <p>Please complete and return this form along with DD towards Registration. Accommodation fees to the Head, So.S in Chemistry, latest by DD March 2019.</p>	<p align="center">   </p> <p align="center">UGC - SAP-DRS - II 3rd National Conference on ADVANCES IN ENVIRONMENTAL & CHEMICAL SCIENCES</p> <p align="center">March 27-28, 2019</p> <p align="center">  </p> <p align="center">Organized by School of Studies in Chemistry, Pt. Ravishankar Shukla University <small>(Accredited with 'A' Grade, by NAAC)</small> Raipur - 492010, Chhattisgarh</p> <p align="center">Under the Auspices of University Grants Commission, New Delhi</p>
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17th Chhattisgarh Young Scientist Congress - 2019

Pt. Ravishankar Shukla University, Raipur -492010

Chhattisgarh Council of Science & Technology

REGISTRATION FORM

Photo

1. Name: M/F Photo
2. Postal Address:
3. Email-ID: Phone
4. Institutional Address:
5. Age: (please submit proof)
6. Current Status JRF/SRF/PDF/RA/Faculty Member:
7. Source of Funds/Fellowship:
8. Research Experience: After post graduate degree for Science subject or Bachelor degree in the case of Medical/ Engineering (please submit proof).

UNDERTAKING

I declare that the research work has been done by me at.....

This paper be considered in the subject/ discipline of

I will be under 32(M)/35(F) years in age (on Feb. 28, 2019)

That all the information submitted by me are correct.

Date:

Signature of Participant

CERTIFICATE

It is certified that the information furnished above have been verified and are correct to the best of my knowledge. The work has been carried out in Chhattisgarh State. He/she has been permitted to submit the paper at the 17th Chhattisgarh Young Scientist Congress 2019.

Supervisor
(Signature & Date)
Name & Address

Head of the Department/ Principal
(Signature & Date)
Name & Address

INCENTIVE TO AWARDEES

A certificate with a cash prize of Rs. 21000

Single visit shall be provided for pursuing his/her research work in any National Laboratory/Research Centre/ Recognized University engaged in advanced research in India for two months duration. Awardees will be eligible for TA/DA during their stay in research establishment as per the norms of the council. He/She has to avail the facility within two years of receiving the award.

GUIDELINES FOR PRERARING ABSTRACT & PAPER

Research papers are invited from Young Research Fellows, Post Doctoral Fellows, National Associates and Faculty Members working in any recognized private, government or autonomous body.

ABSTRACT

1. Abstract in two copies (must be of minimum 100 words and maximum 250 words) of original research work is to be submitted.
2. Abstract must be in the following pattern:
Subject/discipline under which it is to be included should be written on top left corner. Title in capital and bold letters, font size 14.
Name, institution, E-mail address font size 12.
The entire abstract must be on A-4 size white sheet in space of 25 cm length and 16 cm width. It must be typed in single spare using MS-word in Times New Roman, Font Size 12. Abstract sheet should not be folded.

Author should also submit the ABSTRACT AND FULL PAPER IN SOFT COPY through E-mail to cysc2019@gmail.com otherwise it will not appear in the Abstract Book. The discipline in which paper is to be considered should be clearly marked on the envelope. The duration for oral presentation will be of 20 minutes followed by 5 minutes discussion.

FULL PAPER

Five copies of full paper to be submitted to Prof. M. K. Deb, Head, SOS in Chemistry, Pt. Ravishankar Shukla University, Raipur for evaluation, must be prepared in following sequence:

1. Title
2. Name/Institutional Address/Email ID
3. Abstract
4. Introduction
5. Experimental details, Methods, Materials etc.
6. Observation and results
7. Discussion
8. Acknowledgement
9. Reference according to the guidelines of internationally accepted style.
10. The paper must indicate the discipline under which it is to be considered.

ENCLOSURES TO BE ATTACHED

Biodata
Proof of age
Certificate from Head/Principal & Supervisor, Undertaking
Soft copy of the Abstract & Full paper

DEADLINES TO MEET

Conference Date : 28th February & 1st March 2019
Last date of Abstract & Full Paper Submission : 20th January 2019
Date of Confirmation : 5th February 2019
Last date of Registration : 15th February 2019
Participant has to submit his/her travel document and identification evidence during the reimbursement of travel expenses.

INVITATION FOR CHHATTISGARH YOUNG SCIENTIST CONGRESS

Chhattisgarh Young Scientist Congress (CYSC) was launched by Chhattisgarh Council of Science and Technology (CCOST), Raipur to promote the young talents of the state. Young Scientist Congress is organized every year to mark the discovery of "Raman Effect" by Indian Physicist Sir Chandrasekhar Venkata Raman on 28th February. The main focus of the Young Scientist Congress is to provide a right platform for the upcoming enthusiastic young researchers and to promote them to excel in their fields.

We are pleased to inform you that Pt. Ravishankar Shukla University, Raipur and Chhattisgarh Council of Science & Technology will be hosting the seventeenth CG Young Scientist Congress (17th CYSC) on 28th February-1st March, 2019 at Raipur. To promote young researchers in different disciplines, it has been made a custom to felicitate one young researcher from each discipline based on the relevance of their research work and presentation in the Congress.

RESEARCH PAPERS ARE INVITED IN THE FOLLOWING DISCIPLINES

1. Agricultural Sciences
2. Agricultural Engineering/Technology
3. Biology (Botany, Zoology, Chemical Biology)
4. Biotechnology, Biochemistry, Bioinformatics and Biomedical
5. Chemical Sciences
6. Earth and Atmospheric Sciences
(Geology, Geography, Meteorology, Oceanography etc.)
7. Chemical Engineering
8. Computer Sciences, Electronics, Information Technology, Instrumentation etc.
9. Civil and Architecture Engineering
10. Electrical and Electronics Engineering
11. Mechanical, Mechatronics and Production Engineering
12. Environmental Sciences, Engineering and Forestry
13. Home Science and Behavioral Sciences (Psychology)
14. Life Sciences (Bioscience , Microbiology and Anthropology etc.)
15. Mathematical and Statistical Science
16. Medical and Pharmaceutical Sciences
17. Physics (Bio-Physics, Chemical-Physics and Geophysics, Astrophysics, Nuclear Physics etc.)
18. Veterinary Science, Animal Husbandry and Dairy Technology
19. Mining, Metallurgy and Applied Geology.

ELIGIBILITY CRITERIA FOR PARTICIPATION

- Age on 28th February 2019, should be below 32 years for male and 35 years for female candidates.
- Research experience of two years after obtaining post-graduate degree in the science subjects listed above or bachelor's degree in case of medical/ engineering/technology subjects is the basic requirement.
- Original research paper with single authorship will be acceptable.
- The work should have been carried out in the State of Chhattisgarh and not presented/ published elsewhere is essential requirement.
- Awardees of previously held Chhattisgarh Young Scientist Congress shall not be eligible for participation, for a period of three years, from the date of last award.
- Kindly note that Plagiarism will be checked and summarily rejected, if found to contain plagiarised material.



ORGANIZING COMMITTEE

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Pt. Ravishankar Shukla University, Raipur

Dr. K. Subramaniam, IFS
Director General,
CCOST, Chhattisgarh

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Prof. Kallol K. Ghosh
Pt. Ravishankar Shukla University, Raipur

CONVENER

Prof. Manas Kanti Deb
Pt. Ravishankar Shukla University, Raipur

ORGANIZING SECRETARIES

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Dr. Manish K. Rai
Pt. Ravishankar Shukla University

Dr. Joyce Rai

Chhattisgarh Council of Science and Technology

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Prof. H K Pathak : SOS in Mathematics
Prof. A K Gupta : SOS in Life Science
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Prof. Ninad Bodhankar : SOS in Geology and WRM
Prof. S K Jadhav : SOS in Biotechnology
Prof. Sanjay Tiwari : SOS in Electronics
Prof. Nameeta Brahme : SOS in Physics and Astrophysics
Prof. N K Baghmar : SOS in Geography
Prof. K R Hari : SOS in Geology and WRM
Prof. Preeti Suresh : Institute of Pharmacy
Prof. Ashok Pradhan : SOS in Anthropology
Prof. Sanjay Kumar : SOS in Computer Science

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PT. RAVISHANKAR SHUKLA UNIVERSITY

Pt. Ravishankar Shukla University is the largest and oldest institution of higher education, founded in 1964, and is named after the first Chief Minister of erstwhile Madhya Pradesh. The University has the most sprawling campus in the western part of the capital of Chhattisgarh, Raipur. The campus of University is spread in over 300 acres of land. There are 29 teaching departments in the University. Our total number of employees is 700, who provide the administrative support at different levels. Attracted by the opportunity to study and conduct advanced research with renowned professors and fellow scholars in one of the Chhattisgarh's most dynamic smart city, students also come from our different neighboring States. There are 5000 students enrolled for variety of courses offered by the departments, who are steered under the guidance of more than 130 faculty members. Jurisdiction of RSU covers entire central and southern part of Chhattisgarh. There are 140 educational institutions currently affiliated to the University. In the academic year 2018-19, about 1,25,000 students are enrolled, both for undergraduate and postgraduate courses. Our University plays a major role in the educational, cultural and economic life of the region.

CHHATTISGARH COUNCIL OF SCIENCE & TECHNOLOGY

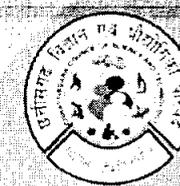
The Chhattisgarh Council of Science and Technology, a nodal agency of Department of Science and Technology, Government of India in Chhattisgarh, was instituted in 2001 with a view to optimize sustainable development of the State through Science and Technology. Some of the major objectives of the council are, to identify the areas where Science and Technology input is required for progress of the state, to ensure better utilization of the resources of the state and to promote and popularize science for modernization of the state. The council has launched a program of promoting the young talent of the state by sponsoring to organize "Young Scientist Congress" every year. The Congress aims to identify budding scientists and provide encouragement to their research plans and programs.

ADDRESS FOR CORRESPONDENCE

Prof. Manas Kanti Deb
SOS in Chemistry

Pt. Ravishankar Shukla University, Raipur-492010 (C.G.)

E-mail: cysc2019@gmail.com | Mob. 94255-03750



17th Chhattisgarh Young Scientist Congress

28th February - 1st March, 2019



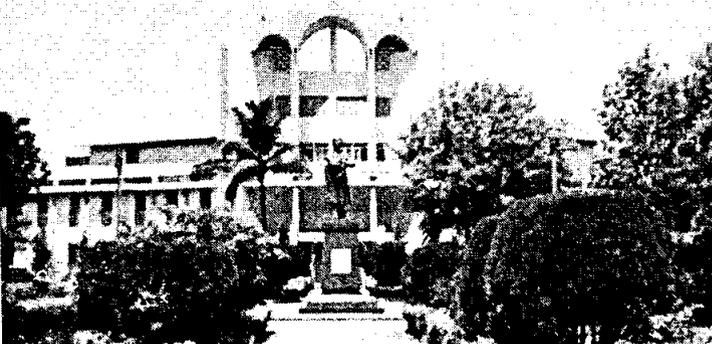
Organized by

Pt. Ravishankar Shukla University, Raipur
Chhattisgarh Council of Science & Technology

Venue

Pt. Ravishankar Shukla University
Raipur (C.G.)

www.prsu.ac.in
www.cgcost.nic.in



4

National Seminar

On

“Basic Income: Rethinking the Welfare State in the 21st Century”

8th – 10th April 2019

Organizing Committee

Dr. Keshari Lal Verma - **Patron**

Vice Chancellor, Pt. Ravishankar Shukla University, Raipur (C.G)

Prof. Ravindra Brahma - **Convener**

Head of Department, SoSin Economics

Pt. Ravishankar Shukla University, Raipur (C.G)

Core Committee

Prof. A.K. Pandey (**Coordinator**)

Dr. B.L. Sonekar

Dr. Archana Sethi

Dr. Sunil Kumar Kumeti

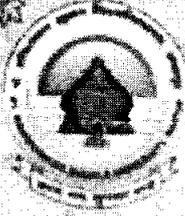
Dr. Bharti Singh Kumeti

Dr. Ranu Agrawal

Responsibility	Coordinators	Members
1. Registration	1. Dr. Shail Sharma	1. Dr. Hemlata Borkar 2. Dr. Bharti Singh Kumeti 3. Dr. Shashi Kiran Kujur 4. Ms. Geetanagwanshi 5. Ms. Tripti Verma 6. Ms. Rashmi Priya Toppo 7. Ms. Neelima Toppo 8. Ms. Nupur Turkey 9. Ms. Lakshwari 10. Ms. Farini 11. Ms. Farina Sahu 12. Ms. Twinkle 13. Ms. Akancha 14. Ms. Bhudhwantin
2. Accommodation	1. Dr. Nistar Khujur	1. Dr. Sushil Indulkar 2. Dr. Renuddhar Rautiya 3. Mrs. Bhoomraj Patel 4. Mr. Nilambar Patel 5. Mr. Rupesh Kumar Nag 6. Mr. Farun 7. Mr. dayanandbasti 8. Mr. Makar Dhawaj Rana 9. Mr. Resham Lal 10. Mr. Gaurav Jain
3. Transport	1. Dr. D.N. Khute	1. Dr. Santu Kashyap 2. Dr. Omprakash Baghel 3. Mr. Rupesh Kumar Nag 4. Mr. Ashok Kumar Patel 5. Dr. Madan Gopal Patle 6. Mr. Bhanwar Singh Sahu 7. Mr. Nimesh Dewangan 8. Mr. Omprakash Verma 9. Mr. Hitesh Rathore 10. Mr. Kavi 11. Mr. Rakesh Rui



*Shri Vinod Behari, CEO,
Power sector skill council,
addressing students*



Institutions Innovation Council
Pt. Ravishankar Shukla University, Raipur

The Members of Innovation Council

Cordially Invites you

to the Inaugural Function of Workshop on
Cognitive Skills, Design Thinking and Critical Thinking

Chief Guest & Key-Note Speaker

Prof. M.K. Verma

Hon'ble Vice-Chancellor

Chhattisgarh Swami Vivekanand Technical University, Bilhail

Venue : Sir C.V. Raman Hall.

Date : Friday, 30th November, 2018 at 3:30 PM

Hon'ble Vice-Chancellor

Prof. Keshari Lal Verma



Pt. Ravishankar Shukla University, Raipur (C.G.)

will preside over the function.

Prof. A.K. Gupta

President

Prof. Kailol K. Ghosh

Convener

Dr. Sandeep Vansutre

Registrar

Prof. Sanjay Tiwari

Member



Institution Innovation Council
Pt. Ravishankar Shukla University, Raipur

The Members of Innovation Council

Cordially invites you to the Inaugural Function of workshop on

“INTELLECTUAL PROPERTY RIGHT (IPR)”

Venue: Sir C.V. Raman Hall
Date: Saturday, 15th December 2018
Time: 2:30 PM

SPEAKERS

- 1 **Dr. Amit Dubey,** Scientist, Chhattisgarh Council of Science And Technology, Raipur
- 2 **Dr. Sushil Shahi,** Department of Botany, Guru Ghasidas University, Bilaspur

Hon'ble Vice-Chancellor

Prof. Keshari Lal Verma

Pt Ravishankar Shukla University, Raipur (C.G.)

will preside over the function.

Prof A.K. Gupta
President
Prof. Kallol K. Ghosh
Convener

Dr. Sandeep Vansutre
Registrar
Prof. Sanjay Tiwari
Member

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Invitation

Subhash Chandra Foundation
in association with
S.O.S. in Electronics & Photonics,
&

Institute of Renewable Energy Tech. & Mgmt.,
Pt. Ravishankar Shukla University, Raipur

Cordially invites you for
Youth Empowerment and Capacity Building
Programme on
"Employability Skills"

Speaker : Ms. Sheetal Dave
Lead, CSR engagements,
Subhash Chandra Foundation

Date: Thursday, 14th February 2019 at 02:00 PM
Venue: Sir Jagadish Chandra Bose Hall
S.O.S. in Life Sciences, Pt. R.S.U. Raipur

Hon'ble Vice-Chancellor
Prof. K.L.Verma
Pt. Ravishankar Shukla University, Raipur
will preside over the function



Priyanka Dhingra
Lead - Livelihood Partnerships
Subhash Chandra Foundation

Prof. Sanjay Tiwari
Head (Electronics)
Coordinator (B.Voc. RETM)

Registrar
Pt. R.S.University, Raipur





REGISTRATION FORM
National Workshop
on

**COMPUTER INTERFACED SCIENCE
EXPERIMENTS USING ExpEYES
30th-31st March, 2019**

1. Name & Designation of the Applicant
2. Name of College/School & University to which your college is affiliated
- Mobils :
- Email :
3. Date of Birth (Format: 12-Sep 1980):
4. Educational / Professional Qualification:
5. Nature of Present Job/Study:
6. Programming languages known:
7. Bank Draft/Cheque No. with Bank Name..... Date:..... Rs.:..... (infavour of Renewable Energy Technology & Management payable at SBI Pt. Ravishankar Shukla University, Branch,Raipur)
For Online payment Account Name :
Renewable Energy Technology & Management
SBI Account No. : 35885979190
IFSC code : SBIN0003739
8. Have you attended such program earlier (Yes/ No) and motivation behind participation:
9. Accommodation needed on payment : Yes/No

Signature of Applicant
Recommendation of Head of the Department

Organizing Committee

Patron :
Prof. Keshari Lal Verma
Hon'ble Vice-Chancellor

Coordinator :
Dr. Sanjay Tiwari
Professor & Head

- Deputy Coordinators :**
- B. Gopal Krishna (8349640006)
 - Gajendra Singh Rathore(9827966082)
 - Naman Shukla(7566853784)

Treasurer :
Mrs. Manisha Ratre

- Local Organizing Committee :**
- Dr. Kavita Thakur, Anil Verma, Dharmendra Kumar
 - Neha Devangon, Dr. Mohan Patel, Yogesh Dongre
 - Dr. Krishna Jibon Mondal, Dr. Rajesh Awasthy
 - Dr. Swati Sahu, Likhendra Sahu, Amrit Shende
 - Dr. Alka Panda, Umesh Yadav, Monika Sahu
 - Sarita Sahu, Surendra Singh, A.P. Tigga

Registration:
Faculty, Scientists & Tech. Asst. : ₹ 800/-
Students & Ph.D.Scholars : ₹ 500/-

Eligibility:
Scientist / Faculty Members Physics / Electronic/
Computer Science of Colleges / Universities and
Teachers of High School & Higher Secondary.
Ph.D. Student, M. Tech., M.Sc. Students.

Application Deadline: 20th March 2019



National Workshop
on
**COMPUTER
INTERFACED SCIENCE
EXPERIMENTS
USING ExpEYES**

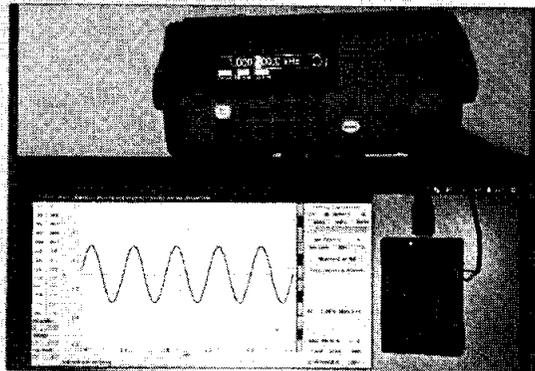
30th-31st March, 2019
**Convert your PC into
Physics Laboratory**

Organizers:
School of Studies in Electronics & Photonics
Institute of Renewable Energy Technology & Management
Pt. Ravishankar Shukla University, Raipur (C.G.)
&
Inter University Accelerator Center, New Delhi

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Motivation :

An understanding of science and technology is necessary in every student's life. The main challenge in the field of science Education at a global level is the declining interest of students into science. Unfortunately the performance of a student is often measured by the ability to memorize than the real understanding; as a result most of them fail to apply what they learn in the classroom to the things they encounter in real life. Students also lose interest because of absence of appropriate motivation and also due to the lack of equipment. The key to combating this is the adoption of an inquiry-based, 'learn-by doing' approach i.e. learning by exploring and experimenting. However, almost everywhere science is mostly taught from the textbooks without giving importance to experiments, partly due to lack of equipment. ExpEYES (Experiments for Young Engineers and Scientists) is the most affordable solution to this problem. ExpEYES brings the ability to perform experiments with reasonable accuracy, opens up an entirely new path for learning science.



About Department :

School of Studies in Electronics & Photonics of Pt. Ravishankar Shukla University, Raipur is a bridge that connects pure and basic science like physics or material science with applied sciences and engineering practices. Faculty and students in Electronics & Photonics employ fundamental physical principles to create innovative new technologies. These novel solutions are then handed off to engineering disciplines to be refined, enhanced and used to address important societal problems.

About Training:

ExpEYES (Experiments for Young Engineers and Scientists) is a hardware & software framework for developing science experiments, demonstrations and projects without getting in to the details of electronics or computer programming. Design of ExpEYES combines the real-time measurement capability of micro-controllers with the ease and flexibility of Python programming language for data analysis and visualization. ExpEyes is developed in IUAC, New Delhi as part of their outreach program, with an objective of developing affordable laboratory equipment. Software is distributed under GNU General Public License and the hardware designs are under CERN OHL. ExpEYES-17 is a multi-purpose, USB-powered instrumentation tool that packs a set of fundamental data acquisition and control tools such as oscilloscopes, frequency counters, RC meters and the ability to easily acquire data from Plug and Play I2C sensors without any technical know-how. The hardware features sub micro-second response times and numerous communication channels that makes it capable of measuring a wide variety of parameters pertaining to science experiments. Design of ExpEyes combines the real-time measurement capability of microcontrollers with the ease and flexibility of Python programming language for data analysis and visualisation. Most of the electronics experiments in the BSc syllabus and several physics experiments in UG and PG level can be performed with this device. Students, teachers and hobbyists can use ExpEyes as test equipment for all types of experiments in Physics, Electronics and other branches of Science & Engineering.

*Learn from yesterday. live for today,
hope for tomorrow. The important
thing is to not stop questioning.*

Albert Einstein

Topics to be covered :

The workshop covers topics on how the experiments using ExpEyes can empower students and teachers of science and engineering branches. Dr. Ajith Kumar B.P. Senior Scientist, IUAC, New Delhi and the founder developer of the ExpEyes project will lead the classes & hands-on sessions. Motivated faculty members of Science & Engineering colleges, Physics & Electronics Teachers of High School & Higher Secondary can register for the program. Registered participants would be provided with experimental kit during the program for hands on training. Participants are requested to bring a laptop and a pen drive of minimum 4 GB capacity.

*Last date for receiving application:
20th March 2019*

The number of participants is limited to 50 (first come, first served basis). Interested participants may apply in the attached proforma. Applications can also be mailed to renewable.prsu@gmail.com along with receipt of registration fee paid. Application form can be downloaded from : www.prsu.ac.in

All correspondence should be addressed to:

Dr. Sanjay Tiwari

Coordinator, NWCISE

Professor & Head

S.O.S. in Electronics & Photonics

Coordinator, Institute of Renewable Energy
Technology & Management

Pt. Ravishankar Shukla University

Raipur 492010 (C.G.)

Mob: 9424225771



WORLD BANK GROUP



MINISTRY OF NEW AND RENEWABLE ENERGY



WORLD BANK GROUP



MINISTRY OF NEW AND RENEWABLE ENERGY



World Bank SUPRABHA Technical Assistance Program

Two Day Training Program:
"Rooftop Solar Grid Engineers for Utility officers"

25th - 26th April, 2019

Application Form

ANNEXURE-A

PHOTO

Training Program on
"Rooftop Solar Grid Engineers for Utility officers"

Full Name of the Participant :		
Educational Qualification :		
Year of Graduation :		
Date of Birth :	Sex :	
Contact number :	Aadhaar Number :	
Email ID :		
Address :		
Participant's District :		Participant's State :
Disability, if any :		
Father's Name :		
Name of the participant's organization :		
Designation :		
Current Roles and Responsibilities in the organization :		
Major reasons for attending this training program :		
Date of the Training Program :		

Signature of Applicant :

Institute of Renewable Energy Technology & Management, Pt. Ravi Shankar Shukla University is organizing Two days Utility Officers training programme on "Rooftop Solar Grid Engineers [QP:SG1/Q0106] under World Bank sponsored "SUPRABHA TA" Program from 25th -26th April, 2019. The training program will have five main sessions focusing on important aspects of Rooftop Solar PV that would be relevant for DISCOM management for inspection and integration of the Rooftop Solar PV systems with the grid across the consumer spectrum. The aim is to provide a thorough understanding to the DISCOM management looking after this sector on the structure of the sector, the business models, solar PV standards and certifications, risks and risk mitigation strategies and integration of the Rooftop Solar PV plant with the grid. This training would enable the trainers to receive an in-depth exposure on the subject and get equipped to effectively train Utility officers to inspect and integrate the Rooftop Solar PV systems with the grid.

Sector Council Green Jobs has developed the modules for Rooftop Solar Grid Engineers as per Qualification Pack SGJ/Q0106 which is approved/certified by National Skill Development Corporation (NSDC) on Industry requirement in the field of Solar Rooftop Grid tied system. After completion of this course assessment and certification will be done by Skill Council for Green Jobs. Skill Council for Green Jobs is one of the industry led ambitious initiatives of the Government of India aligned to the National Skill Development Mission and promoted by the Ministry of New and Renewable Energy (MNRE) and Confederation of Indian Industry (CII).

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Objectives:

To provide basic information, overview and raise awareness amongst Utility Engineers on the following:

- >> Concepts, components and safety overview with specific focus on technical standards of rooftop solar system/ project
- >> Policy and regulatory framework for rooftop solar at the national and state level
- >> Different implementation/ business models followed in the rooftop solar market and role of stakeholders
- >> Compliance of rooftop solar PV systems with all relevant codes & safety requirements.

To provide specific information to the Utility Engineers on the following:

- >> Interconnection Procedures
- >> Pre-Commissioning Inspection of the Grid Connected Rooftop Solar PV Power Plant
- >> Post Commissioning Testing of the Grid Connected Rooftop Solar PV Power Plant
- >> Maintain Personal Health & safety at project site



Contents of the training program

- >> Overview of the Grid Connected Rooftop Solar PV Sector
- >> Major Components of Solar PV Rooftop System and Safety Overview
- >> Site Feasibility and Technical Due Diligence for Solar PV Power Plant
- >> Rooftop solar PV policy, Regulation and Business Models
- >> Administrative procedures for implementing rooftop solar PV projects
- >> Rooftop solar PV systems design and safety considerations
- >> Energy generation analysis and Performance Estimation
- >> Grid connectivity & inspection procedure



Chief Patron : Prof. Keshari Lal Verma, *Noble Vice-Chancellor*
 : Er. Shalendra Kumar Shukla, *Chairman, CSPDCI*
 : Praveen Saxena, *CEO, Sector Council for Green Jobs*

Patron : Shri Sanjeev Jain, *Chief Engineer, CREDA*
 : Dr. Amit Jain, *Renewable Energy Specialist*
 : N. Y. Dinesh Babu, *Team Leader, Suprabha*
 : Tanmay Bishnoi, *Capacity Building - Lead, WB SUPRABHA TA*

Target Audience

Graduate Engineers/Diploma Electrical, EEE with basic knowledge of Electrical Concepts; Solar Entrepreneurs; Public Sector Undertaking Officials; EPC contractors; MNRE channel partners; Senior Energy Department Officials of Govt. of India and Officers from State Nodal Agencies etc.

Since the program is under RPL category, the eligibility of candidates for the entrepreneurship program should have atleast 6 months experience. Preferably, they should be working entrepreneurs to apply the knowledge and training effectively or should be interested in becoming entrepreneurs

Assessment and Certification process

Certificate of Participation will be provided under SUPRABHA TA Program by Sector Council Green Jobs.



Training Materials

Practitioners guides and Presentations will provided as part of the training program. There is no Fee for training but certificate will be issued only to participants who successfully attend all scheduled sessions. Submit your registration forms (Annexure A) through email (renewable.psu@gmail.com) or through courier/speed post to Dr. Sanjay Tiwari, Coordinator, Institute of Renewable Energy Technology & Management, Pt. Ravishankar Shukla University, Raipur-492010, Chhattisgarh at least one week before the start of training.

For further details may contact :-

Dr. Sanjay Tiwari (9424225771), GS Rathore (9827966852), Gopal Krishna (9349640086)

Number of Seats	
No. of Seats	Selection criteria
30	First come First serve basis

Entrepreneurship workshop on solar energy begins



CREDA Chief Engineer Sanjeev Jain addressing the workshop at PRSU on Wednesday. The participants.

■ Staff Reporter
RAIPUR, Apr 3

FIVE-DAY workshop on Entrepreneurship & Skill Development on Solar PV Rooftop was inaugurated at Sir CV Raman Hall, Pt Ravishankar Shukla University (PRSU), Raipur, on Wednesday.

Workshop coordinator Dr Sanjay Tiwari, Professor and

Head, Electronics & Photonics Department, said that solar energy is gift for the people keeping in mind the ever increasing fuel prices. By 2022, a target of producing 175-GW solar energy and it will require a large number of skilled students. The workshop aimed at resolving various issues related to practical skill, installation of solar plant etc.

Chief guest of the inaugura-

tion programme, Chhattisgarh Renewable Energy Development Agency (CREDA) Chief Engineer Sanjeev Jain said that such workshop has so far been organised in big cities like Delhi. Renewable Energy Department of university has done a praiseworthy work by organizing such workshop.

Resource person of the workshop is Sanyam Indurkha, Director, Saltech Energy Space

Systems, Bhopal. He provided the participants with training under German method. PRSU Vice Chancellor Professor K L Verma presided over inauguration programme.

He said that the solar energy sector can general employment opportunity for many youths. He also said that such activities help a university improving its grading.

प्रशिक्षण

अक्षय ऊर्जा प्रौद्योगिकी एवं प्रबंधन संस्थान में पांच दिनी एंटरप्रेन्योरशिप एवं स्किल डेवलपमेंट पर हुई कार्यशाला

एक पैनल से आप 10 साल तक ले सकते हैं मुफ्त बिजली



अक्षय ऊर्जा डिपार्टमेंट में विशेषज्ञ छात्रों से सोलर पैनल पर चर्चा करते हुए।

रायपुर। नईदुनिया प्रतिनिधि

ऊर्जा के संरक्षण के लिए सौर ऊर्जा के महत्व और उसके प्रबंधन पर रविवार के अक्षय ऊर्जा प्रौद्योगिकी एवं प्रबंधन संस्थान में पांच दिवसीय कार्यशाला प्रारंभ हुई। कार्यशाला के समन्वयक डॉ. संजय तिवारी ने कहा कि पेट्रोलियम एवं अन्य

ऊर्जा स्रोतों की बढ़ती कीमतों को देखकर ऐसा प्रतीत होता है जैसे प्रकृति के स्रोत को भारत देश एक उपहार के रूप में उपयोग कर रहा हो। उन्होंने बताया कि 20 फीट के डार्ई मीटर में एक पैनल से आप 10 साल तक मुफ्त की बिजली चला सकते हैं। कार्यशाला के मुख्य अतिथि संजीव जैन, मुख्य अभियंता क्रेडा ने इस



अक्षय ऊर्जा डिपार्टमेंट में छात्र और प्राध्यापक सोलर ऊर्जा की बारीकियों को समझते हुए।

20 फीट के डार्ई मीटर में एक पैनल से मिलेगी बिजली

कार्यशाला से हो रहे प्रशिक्षण की सराहना करते हुए कहा कि यह प्रशिक्षण केवल दिल्ली जैसे बड़े शहरों में ही संभव था पर विश्वविद्यालय के अक्षय ऊर्जा विभाग

के इस विषय पर अनेक कार्य करने से यह संभव हो पाया। समाज में ऊर्जा संरक्षण व दक्षता की जागरूकता की आवश्यकता का जिक्र करते हुए बताया कि कैसे हम ऊर्जा को जहां जरूरत हो वहीं उपयोग करें। जैसे रिमोट से टीवी बंद करने पर बिजली की खपत हो रही है, जिसे हम में ग्विच बंद कर गोक सकते हैं। ऊर्जा

दक्षता में स्टार लेवल की जागरूकता का भी जिक्र किया। उन्होंने बताया कि छत्तीसगढ़ में दूर दराज के हर एक गांव को सोलर ऊर्जा से विद्युतीकरण किया गया है। क्रेडा द्वारा किस्मानों को मखिमडी देकर ऐतिहासिक सोलर पंप लगाये गए हैं। साथ ही एक लाख लोगों को प्रशिक्षित भी किया जाएगा।

‘35 सौ रुपये में पीसी को पोर्टेबल साइंस लैब में बदलें’

रायपुर। नईदुनिया प्रतिनिधि

पं. रविशंकर शुक्ल विश्वविद्यालय में ‘अपने पीसी को पोर्टेबल साइंस लैब में बदलें’ विषय पर आयोजित कार्यशाला में इंटर यूनिवर्सिटी एक्सेलेरेटर सेंटर दिल्ली के वैज्ञानिक डॉ. बीपी अजीत कुमार शामिल हुए। उन्होंने बताया कि 3500 रुपए के एक्सपाइस डिवाइस से 100 विज्ञान के प्रयोग तैयार किए जा सकते हैं। देश के महाविद्यालयों और स्कूलों में करोड़ों की लैब की आवश्यकता होती है। इसके लिए बेहतर इंफ्रास्ट्रक्चर की जरूरत होती है। इनके अभाव में छात्र प्रयोगशाला का बेहतर उपयोग नहीं कर पाते। इससे विज्ञान के हुए आविष्कार और मूलभूत चीजों को भी नहीं समझ सकते हैं। उदाहरण के लिए एसी को डीसी में कैसे कन्वर्ट करें, घर में जल रही



डॉ. बीपी अजीत कुमार।

लैपटॉप पर प्रयोग करके देखते विद्यार्थी।

बिजली का प्रकाश कितना है, सुबह की सूर्य की रोशनी का तापमान कितना है, ऊपर से नीचे गिरती गेंद का गुरुत्वाकर्षण कितना है, इसी तरह के विज्ञान के 100 प्रयोगों को एक एक्सपाइस से सीखा जा सकता है।

ऐसे चलती है मशीन : मशीन को

कम्प्यूटर से कनेक्ट करने पर किसी भी प्रकार के सवाल का जवाब पाया जा सकता है। आप किसी भी तरह का प्रयोग कर रहे हैं तो उसकी वास्तविक स्थिति को आसानी से मशीन कम्प्यूटर पर बता देती है। जैसे किसी भी स्कूल में छात्रों को एसी की परिभाषा सिखाई जा रही है।

ये दिए उदाहरण

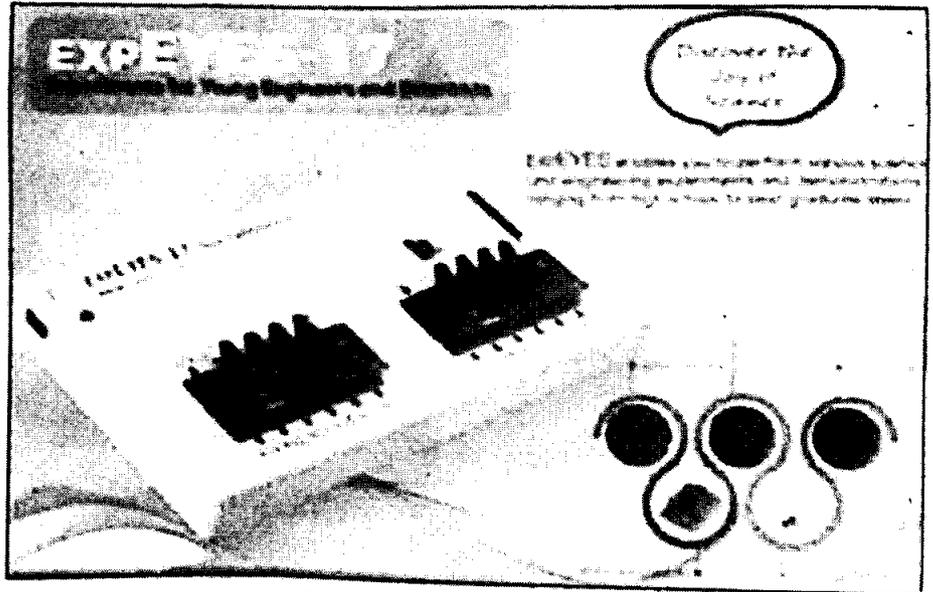
यदि कोई शिक्षक दृष्टि सिद्धांत की दृढ़ता का प्रदर्शन करना चाहता है तो वह एक्सपाइस को प्रकाश उत्सर्जक डायोड (एलईडी) से जोड़ सकता है। दृष्टि की दृढ़ता एक घटना है जिसके द्वारा आंख एक सेकंड के एक अंश के लिए एक छवि को बनाए रखने के लिए जाती है। इस समय के भीतर एक और छवि आंख को दिखाई जाती है तो यह दृष्टि की निरंतरता की भावना पैदा करता है।

ये है मशीन का महत्व : डॉ. कुमार ने बताया, हमारा मुख्य उद्देश्य शैक्षिक संस्थानों के लिए उपकरणों को सस्ता बनाना था। मशीन की कीमत 3500 रुपये है और बाजार में इसी तरह के उत्पाद की कीमत 100,000 रुपये से अधिक होगी। टीम कम लागत वाले हार्डवेयर घटकों का उपयोग करके कीमत कम रखने में कामयाब रही जो आसानी से उपलब्ध है और काफी प्रभावी है।

Workshop on Computer Interfaced Science Experiments from 30th

■ Staff Reporter

RAIPUR, Mar 23



A TWO-DAY National Workshop on Computer Interfaced Science Experiments with hands on training sessions will be conducted in collaboration with Inter-University Accelerator Centre New Delhi. School of Studies in Electronics & Photonics, Pt Ravishankar Shukla University, Raipur Chhattisgarh to discover the joy of doing science experiments by converting your PC into a laboratory with ExpEyes-17 during the workshop on March 30 and 31.

An innovative National Workshop for science teachers of Chhattisgarh schools and colleges will impart training to the teachers, who in turn can use this affordable kit in the class room for teaching purpose and experimentation with their students, Dr Sanjay Tiwari, Professor & Head Electronics & Photonics. The workshop has received overwhelming response as in short span more than 70 applicants from remote corners of Chhattisgarh and country have registered.

The advent of personal computers has opened a new path for learning science. Addition of some hardware to an ordinary computer can convert it into a science laboratory by performing fast measurements at good accuracy, enabling us to study a wide range of phenomena, said Dr Sanjay Tiwari Coordinator of Workshop.

ExpEYES (Experiments for Young Engineers and Scientists) is from the PHOENIX project [1] of Inter-University Accelerator Centre, New Delhi, India (<http://expeyes.in/>). It is a hardware & software framework for developing science experiments, demonstrations and projects and learn science and engineering by exploration. Capable of doing real time measurements and analysing the data in different ways.

PATRON

Prof. K.L.Verma
Vice-Chancellor,

Pt.Ravishankar Shukla University,Raipur (C.G.)

Dr. D.N.Verma
Principal

Govt. Nagarjuna P.G. College of Science,Raipur (C.G.)

Smt.Meenal Choubey
President

College Jan Bhagidari Samiti

CONVENER

Dr. Suparna Sen Gupta
Librarian

Pt.Ravishankar Shukla University,Raipur (C.G.)

Dr. Maya Verma

Head,SoS in Lib.& Info.Sc.

Pt.Ravishankar Shukla University,Raipur (C.G.)

Dr. Pravin Sharma
Librarian

Govt. Nagarjuna P.G. College of Science,Raipur
Mo 94255-22762, Ph. @0771-2229478

Organising Secretary

Dr. S.R.Kashyap
(Asstt. Professor)

Pt.Ravishankar Shukla University,Raipur (C.G.)

Joint Organising Secretary

Dr. H.K.Sahu
(Asstt. Professor)

Pt.Ravishankar Shukla University,Raipur (C.G.)

Dr. Purnima Kumari
(Asstt. Librarian)

Pt.Ravishankar Shukla University,Raipur (C.G.)

Meenal
HEAD
SoS IN LIBRARY &
INFORMATION SCIENCE
PT. RAVISHANKAR SHUKLA
UNIVERSITY, RAIPUR (C.G.)

NATIONAL SEMINAR

ON

RECENT TREND IN LIBRARY SERVICES

01 JUNE 2018

Advisory Committee

Prof. A. K. Varma
Retd. Professor

Shri V.K. Baheti
Retd. Asstt. Professor

Dr. U. N. Singh
Retd. Librarian, GGV, Bilaspur

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Smt. Pooja Tiwari
Smt. Sunita Pawar, Librarian
Smt. Sunita Sharma, Librarian

Invitation

NATIONAL SEMINAR

ON

RECENT TREND IN LIBRARY SERVICES

01 JUNE 2018

Jointly Organised

by



Pt. SUNDARLAL SHARMA LIBRARY & SoS in Library & Info. Science,
Pt.Ravishankar Shukla University,
Raipur(C.G.)

and

GOVT. NAGARJUNA POST GRADUATE COLLEGE OF SCIENCE (AUTONOMOUS)
RAIPUR (C.G.)

e-mail:pravin.mahakoshal@gmail.com
Website:www.gcsrcg.org

Dear Sir/ Madam,

We feel honored to invite you at a one days National Seminar on **Recent Trends in Library Services**, organized by Pt. Sundarlal Sharma Library & SoS in Lib. & Info. Sc., Pt. Ravishankar Shukla University, Raipur and Govt. Nagarguna Post Graduate College of Science, Raipur to be held during June 01, 2018.

Your participation in the seminar will grace the occasion.

About Pt. Sundarlal Sharma Library:

It is the biggest library of the state, named after Pt. Sundarlal Sharma the legendary freedom fighter and social reformer, is housed in a four storied functional independent building with greenery all around, in a peaceful environment, located at the heart of Pt. Ravishankar Shukla University, Raipur.

The library is almost computerized with more than 2 lakh books & print and electronic Indian & Foreign journals. The library is using the ICT facility to its optimum level.

Library is committed to serve as a knowledge resource center for providing quality bibliographic and information services to support the learning, teaching and research activities of this university, implementing all modern tools and techniques, but definitely not without a human touch.

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The School of Studies Library & Information Science was started in 1971. The objective was to enable the students to understand the function and purposes of the library in the changing social and academic set up of society, and to train the students in the techniques of librarianship and management of libraries. In 1988, M. Lib. I. Sc. course was started to give the students specialized knowledge on the vital role of information and to impart them necessary skill in designing, operating and managing information system.

In view of the emerging networked environment and paradigm shift in the goals of the library, and in view of the changes in information storage and delivery mechanism, the School reframed its syllabus on the basis of the UGC model curriculum.

Research guidance at the level of the Ph.D. and M.Phil. is provided. The School has a well equipped computer laboratory for imparting practical knowledge to the students.

About the College

The Govt. Nagarguna Post Graduate College of Science, Raipur was established in the year 1948. The college is an autonomous body affiliated to the Pt. Ravishankar Shukla University. It is a single faculty college of science. Both Conventional and non Conventional subjects are taught in the college. It offers post graduate degree in eight science subjects. About 2000 students are enrolled in the college at the degree and P.G. level. The college is a model for other educational institutes of the state in field of science teaching and research. The college library is very rich in terms of reference books, journals and periodicals. Library is consisting one lakh books and about 75 journals and magazines are subscribed each year.

About the Raipur

Raipur is the capital of Chhattisgarh situated on Mumbai-Howrah rail line. Raipur is well connected through road way NH-6 (Mumbai-Howrah) highway and state highway NH-43. One can reach Raipur also by air, it is well connected with all major cities of our country. The climate during the month of June remains dry and hot.

National Seminar on RECENT TRENDS IN LIBRARY SERVICES

Registration Form

Name _____

Designation _____

Date of Birth _____ Age _____ Sex (M/F) _____

University/ College/ Institution _____

Address _____

Phone No. With STD Code _____ Mobile/ Whatsapp _____

Email _____

Accommodation required _____ Yes/ No _____

Presenting a Paper _____ Yes/ No _____

Title of the Research Paper (in block letters) _____

Drawn on Bank at Raipur _____

Date of Arrival _____ Date of Departure _____

Place _____

Date / / 2018 _____ Signature of Participant _____

(Please submit papers and prescribed fees on or before 15 May 2018 along with an abstract of the Paper not more than 300 word)

For further details Contact:

Dr. Pravin Sharma
Librarian
Govt. Nagarguna Post Graduate College of Science, Raipur (U.G.C.)
e-mail: pravin.mahakoshal@gmail.com, Mob. 9425522762

(Xerox copy of the form will also be accepted)

Dr. Pravin Sharma
LIBRARIAN
SoS IN LIBRARY &
INFORMATION SCIENCE
Pt. Ravishankar SHUKLA
UNIVERSITY

About the Seminar

In the present world everything is changing, so is libraries and its services. Previously all services related to libraries were system centric, where as now a day's everything is users centric. The seminar will provide a genuine platform to discuss modern library services and related issues. Main theme of the seminar is "**Recent Trends in Library Services**".

Papers will be accepted on related sub themes which are as under:

- Reference Services
- Information storage and retrieval
- Web based services
- Information needs and users satisfaction
- Information seeking behavior
- User Education and Orientation
- Query formulation and search strategies
- Other related issues

Objective

The main purpose of the seminar is to discuss and share experiences on modernization and trends in various library services.

Call for abstracts & papers

Technical session:

The technical session will comprise of invited lectures and poster presentations.

Call for paper:

The Seminar will provide an excellent platform to the researchers & participants from both academic as well as profession to meet & share recent development in library services. Prospective authors are encouraged to submit a full paper for review before **15 May 2018** in MS Word, Times New Roman font size 12 for English and font size 12 in Kruti Dev for Hindi as well as a soft copy. Physical presence of participant is mandatory. Full length paper should be in double space typed pages (A4 size) with wide margins on both sides. Communication should be divided into abstract, keywords, introduction, material and methods, results & discussion & references. Manuscript should be submitted in hard copy and CD or by email to - pravin.mahakoshal@gmail.com.

Paper/Poster presentation:

Authors of selected papers will be given an opportunity for oral presentation and the time for presentation will be 7+3 minutes. Size of the poster should not exceed 120 cm height and 90 cm width.

Registration Fee:

Category	Before 15 May	After 15 May
Teachers/ Librarian	Rs. 1000	Rs. 1500
Research & PG Students	Rs. 700	Rs. 1200
NGO/ Govt. Org.	Rs. 1500	Rs. 2000

Note: Registration fees of the workshop dated 02-03 June 2018 is included in the above fees.

Accommodation

Accommodation will be provided on prior request basis and accommodation charges will be borne by the participants.

June 01, 2018	
09:00 - 11:00	Registration of Delegates
11:00 - 12:00	Inaugural Function
12:00 - 12:15	Tea
12:15 - 13:00	First Technical Session
13:00 - 14:00	Second Technical Session
14:00 - 15:00	Lunch
15:00 - 16:00	Third Technical Session
16:00 - 16:15	Tea
16:15 - 17:15	Valedictory Function

PATRON
Prof. K.L.Verma
Vice-Chancellor,

Pt.Ravishankar Shukla University,Raipur (C.G.)

Dr. D.N.Verma
Principal

Govt. Nagarjuna P.G. College of Science,Raipur (C.G.)

Smt.Meenal Choubey
President
College Jan Bhagidari Samiti

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Head,SoS in Lib.& Info.Sc.

Pt.Ravishankar Shukla University,Raipur (C.G.)

Dr. Pravin Sharma
Librarian

Govt. Nagarjuna P.G. College of Science,Raipur

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Dr. Purnima Kumari
(Asstt. Librarian)

Pt.Ravishankar Shukla University,Raipur (C.G.)

Handwritten signature
SHUKLA LIBRARY
SoS IN LIB & INFO SCIENCE
PT. RAVISHANKAR SHUKLA UNIVERSITY, RAIPUR

NATIONAL WORKSHOP

ON

PLAGIARISM AND IPR: A PRIME CONCERN FOR
ACADEMIA

02-03 JUNE 2018

Advisory Committee

Prof. A. K. Varma
Retd. Professor

Shri V.K. Baheti
Retd. Asstt. Professor

Dr. U. N. Singh
Retd. Librarian, GGV, Bilaspur

Dr. Madhav Pandey
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Dr. Subodh Singh

Dr. Sunil Soni
Ku. Swati Tikam, Librarian

Mrs. Alkhananda Narad
Mrs. Sheelu Patnaik

Shri Abdul Qureshi
Shri Ankur Gupta, Librarian

Shri Uday Sarathi, Librarian
Smt. Jyoti Mishra, Librarian

Smt. Madhuri Khalkho, Librarian
Smt. Reeta Tiwari

Smt. Sunita Pawar, Librarian
Smt. Sunita Sharma, Librarian

Invitation

National Workshop ON PLAGIARISM AND IPR : A PRIME CONCERN FOR ACADEMIA

2-3 June 2018

Jointly Organised



by



Pt. SUNDARLAL SHARMA LIBRARY & SoS in Library & Info. Science,
Pt. Ravishankar Shukla University,
Raipur (C.G.)

and

GOVT. NAGARJUNA POST GRADUATE COLLEGE OF SCIENCE (AUTONOMOUS)

RAIPUR (C.G.)

e-mail: pravin.mahakoshal@gmail.com
Website: www.gcsrpg.org

Dear Sir/ Madam,

We feel honored to invite you at a two days National Workshop on **Plagiarism and IPR: A Prime Concern for Academia**, organized by Pt. Sundarlal Sharma Library & SoS in Lib. & Info. Sc., Pt. Ravishankar Shukla University, Raipur and Govt. Nagarjuna Post Graduate College of Science, Raipur to be held during June 02-03, 2018 at Pt. Sundarlal Sharma Library, Pt. Ravishankar Shukla University, Raipur.

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National Workshop on PLAGIARISM AND IPR: A PRIME CONCERN FOR ACADEMIA

Registration Form

Name _____

Designation _____

Date of Birth _____ Age _____ Sex (M/F) _____

University/College/ Institution _____

Address _____

Phone No. With STD Code _____ Mobile/ Whatsapp _____

Email _____

Accommodation required _____ Yes/ No _____

Presenting a Paper _____ Yes/ No _____

Title of the Research Paper (in block letters) _____

Drawn on Bank at Raipur _____

Date of Arrival _____ Date of Departure _____

Place _____

Date / / 2018 _____ Signature of Participant _____

(Please submit papers and prescribed fees on or before 15 May 2018 along with an abstract of the Paper not more than 300 word)

For further details Contact:

Dr. Pravin Sharma

Librarian

Govt. Nagarjuna Post Graduate College of Science, Raipur (C.G.)

e-mail: pravin.mahakoshal@gmail.com, Mob. 9425522762

(Xerox copy of the form will also be accepted)

SoS IN LIBRARY &
INFORMATION SCIENCE
RAVISHANKAR SHUKLA
UNIVERSITY

About the Workshop

Researchers are required to write research papers, project reports, thesis, etc. to fulfill their academic requirements. For writing any paper, number of sources on the same subject is consulted and help is taken from many of them. When any information is used in the process of writing, it becomes important to mention from where the information has been taken. Acknowledging the works used for writing, adds to the authenticity of the new work. This is done by providing citations and bibliography. The bottom line is ideas, concepts and works of other authors must be formally acknowledged, or else it leads to plagiarism.

Many types of plagiarism exist, some are clear and some are not. A writer must know what constitutes plagiarism because ignorance of the facts will not excuse him or her from the consequences.

Intellectual property (IP) is a category of property that includes intangible creations of the human intellect, and primarily encompasses copyrights, patents, and trademarks. It also includes other types of rights, such as trade secrets, publicity rights, moral rights, and rights against unfair competition.

In the present day technology has made it easier to track down and identify cases of plagiarism. The present workshop will address all the above issues in a systematic manner.

Objective

The main purpose of the workshop is to provide necessary information and to create awareness among professionals about various aspects of IPR and Plagiarism.

Call for abstracts & papers

Technical session:

The technical session will comprise of invited lectures, poster presentations and hands on practice. **All participants must bring their laptop for hands on practice during the workshop.**

Call for paper:

The Workshop will provide an excellent platform to the researchers & participants from both academic as well as industry to meet & share recent development in the field. Prospective authors are encouraged to submit a full paper for review before **15 May 2018** in MS Word, Times New Roman font size 12 for English and font size 12 in Kruti Dev for Hindi as well as a soft copy. Physical presence of participant is mandatory. Full length paper should be in double space typed pages (A4 size) with wide margins on both sides. Communication should be divided into abstract, keywords, introduction, material and methods, results & discussion & references. Manuscript should be submitted in hard copy and CD or by email to -

pravin.mahakoshal@gmail.com

Paper/Poster presentation:

Authors of selected papers will be given an opportunity for oral presentation and the time for presentation will be 7+3 minutes. Size of the poster should not exceed 120 cm height and 90 cm width.

Registration Fee:

Category	Before 15 May	After 15 May
Teachers/ Librarian	Rs. 1000	Rs. 1500
Research & PG Students	Rs. 700	Rs. 1200
NGO/ Govt. Org.	Rs. 1500	Rs. 2000

Note: Registration fees of the seminar dated 01/06/2018 is included in the above fees.

Accommodation

Accommodation will be provided on prior request basis and accommodation charges will be borne by the participants.

June 02, 2018		June 03, 2018	
09:00 - 11:00	Registration of Delegates	09:30 - 10:30	Breakfast
11:00 - 12:00	Inaugural Function	10:30 - 12:00	Third Technical Session
12:00 - 12:15	Tea	12:00 - 12:15	Tea
12:15 - 14:00	First Technical Section	12:15 - 14:00	Fourth Technical Session: Presentation by Vendors
14:00 - 15:00	Lunch	14:00 - 15:00	Lunch
15:00 - 17:00	Second Technical Session: Hands on Practice	15:00 - 16:00	Valedictory Function
		16:00 - 17:00	Valedictory Function

2019

3

5th National Workshop Trends and Techniques in Chronobiology

Center for Translational Chronobiology
School of Studies in Life Science

Ravishankar Shukla University, Raipur – 492 010, Chhattisgarh, India

March 2-8, 2019

Application deadline – 10 February, 2019

Chronobiology is multidisciplinary and it includes studies of manifestations and mechanisms of circadian (= biological) rhythms. The subject shot to prominence in the late 2017 with the award of the Physiology/Medicine Nobel Prize to three American scientists, who discovered underlying molecular mechanisms of biological rhythm. The implication of the principles of biological rhythms is universal to all branches of life science, including medical and agricultural sciences.

The proposed National Workshop is, the 5th in the series of workshops, to be organized by the Center for Translational Chronobiology (CTC), School of Studies in Life Science, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh, India. The School received DRS from the UGC under its Special Assistance Program (SAP) since 2002. Chronobiology has been the thrust area of research of this UGC-sponsored SAP right through 2002 till this time.

The workshop will focus on the basic principles of Chronobiology and their applications. The topics will cover: Characteristics of biological rhythms, Entrainment of rhythms, Structure of biological clocks, Molecular bases of biological clock, Applied Chronobiology, and Tools & techniques for studying biological rhythms. In addition to lectures, there will be lab work to demonstrate circadian rhythms in humans and other models.

Faculty: The faculty will consist of experts in the domain of Chronobiology.

Who can participate? Research scholars and young faculty members (in any branch of life science, including medical and agricultural science) are eligible to apply with their bio-data and contact address including email and telephone number. An applicant is required to furnish the following: (1) brief account of the research work and/ or teaching being undertaken by her/him; (2) a write-up (about 150 words) as to why she/he would like to participate and what are the expectations from the workshop; (3) one letter of recommendation from his/her teacher. The young teachers holding permanent positions should send their applications through proper channel. **Apply through email before 10 February, 2019.**

Participants: 20 [10 Participants will be from Chhattisgarh]. The selection will be based on requirement of the workshop for the participant and also first come first serve basis. If sufficient local participants are not available then those places will be offered to the applicants from outside Chhattisgarh and *vice versa*. The number of participants will be fixed at 20.

Registration fee: INR 4000.00 for outside participants; INR 2000.00 for local participants. The latter will not be offered with the accommodation facility.

Support: Travel support (limited to Second Sleeper return train fare) will be provided to all the selected participants. The registration fees will include breakfast, working lunch, dinner, and registration kit. The registration fee for the local participants will include access to the workshop sessions, working lunch, and registration kit.

Mode of payment: Payable to Prof. Arti Parganiha, Account No., 10049631731, IFSC: SBIN0003739, Bank Name: State Bank of India. Registration fee may be deposited through NEFT.

Contact: You may contact: (1) **Prof. Arti Parganiha**, Organizing Secretary, Cell: 9826551089; Email: arti.parganiha@gmail.com; (2) **Prof. A.K. Gupta**, Convener, Cell: 9826236706; Email: akguptarsu@gmail.com

Technical Report

5th National Workshop on Trends and Techniques in Chronobiology

2-8 March 2019

The Center for Translational Chronobiology (CTC), School of Studies in Life Science, Pandit Ravishankar Shukla University, Raipur, organized the 5th National Workshop entitled, "Trends and Techniques in Chronobiology," from 2-8 March 2019. The CTC received financial support from the UGC, New Delhi, through Unassigned UGC Grants assigned to the University, and Chhattisgarh Council of Science and Technology. Of the twenty (21) selected participants, 11 were from outside of Chhattisgarh, notably from Kalyani (West Bengal), Kolkata (West Bengal), Sambalpur (Odisha), Mysuru (Karnataka), and Jamshedpur (Jharkhand). The remaining participants were from different higher education institutions of Raipur and Bilaspur. Of the eleven (11) resource persons, six (6) were from outside (Sambalpur, Chidambaram, Varanasi, Itanagar, and Bilaspur). The remaining five resource persons were local including one from the AIIMS, Raipur. The activity of the workshop included three lectures (60 minutes each), lab work from 2:00-5:30 pm, and an interaction session from 05:45-06:30 pm every day. On concluding day, each participants as a member of one of the four groups presented the lab work as learning outcome during workshop. The learning outcome presentation was held in competition mode and one of the groups was adjudged as the best and each member of the group was presented with a certificate of appreciation.

Inauguration

The Hon'ble Director General, Chhattisgarh Council of Science and Technology, Dr. K. Subramaniam inaugurated the National Workshop on 2nd March 2019 in the morning (10:00). Prof. A.K. Pati, Vice-Chancellor, Gangadhar Meher University, Sambalpur, Odisha and former President of the Indian Society for Chronobiology shared the podium as Guest-of-Honour. The Hon'ble Vice-Chancellor, Prof. Keshari Lal Verma presided over the function. Prof. A.K. Gupta, Convener of the workshop and Prof. Arti Parganiha, Organizing Secretary of the Workshop, were presented on the podium during the Inauguration. Prof. A.K. Gupta delivered the welcome address and introduced the participants to the activities of the workshop. He also emphasized the significance of the principles of Chronobiology for human welfare. Prof. A.K. Pati highlighted the importance of Chronobiology and its implications in health and human welfare. He emphasized that participants of the workshop will be benefitted by learning the techniques of Chronobiology through this workshop. Dr. K. Subramaniam in his inaugural address told to the audience that rhythm is present everywhere including the cosmos and the small particles. He said that natural rhythms of day-night, phases of the moon and seasons are the best examples. Probably, for this reason, all living organisms have evolved rhythms within them in order to cope with the geophysical rhythms of the universe. In his address, giving very interesting examples, he said how the biological clocks are important in day-to-day life of animals and plants. Prof. Keshari Lal Verma in his presidential address highlighted the importance of Chronobiology and biological rhythms and informed the young participants that the three American scientists namely Jeffrey Connor Hall, University of Maine; Michael Morris Rosbash, Brandeis University; and Michael Warren Young, Stanford University discovered the "molecular mechanism of circadian rhythm" and jointly received the Nobel Prize in Physiology or Medicine in the year 2017. Prof. Arti Parganiha proposed a vote of thanks.

Chronobiology is the science that studies biological clocks in all living organisms, such as bacteria, plants, animals, and humans. Chronobiology is a multidisciplinary subject and has lots of implications in medical, agricultural and many other branches of sciences including physical education. The purpose of the workshop was to train the participants with the techniques used in Chronobiology research, with a special reference to study of rhythms in humans and also to facilitate interaction between them and the experts in the field of basic and applied Chronobiology.

Day-1

The academic session of the workshop began at 11:00 on 2nd March 2019. Prof. A.K. Pati delivered the first lecture. He introduced the subject Chronobiology to all participants of the workshop and gave an overview of basic and applied Chronobiology. He illuminated the participants with development in

Technical Report

5th National Workshop on Trends and Techniques in Chronobiology

2-8 March 2019

basic and applied Chronobiology. He talked about biological rhythms and different types of rhythms by giving suitable examples.

He delivered his second lecture on properties of circadian rhythms and emphasized that the biological rhythm is universal and is present in all living organisms except red blood cells. He also explained entrainment of biological rhythms and elucidated how various photic and non-photoc *zeitgebers*, such as light, temperature, food, social cues, noise, etc. play important role in the entrainment process.

In the evening session of the first day, Prof. A.K. Pati interacted with the participants of the workshop and cleared their doubts on various aspects.

Day-2

Prof. A.K. Pati delivered the first lecture of the morning session on day-2 that is on 3rd March 2019. He delivered his lecture on Phase Response Curve (PRC) and also explained its construction. He said that the PRC is applicable in chronotherapy for administering drugs to a patient as function of time. Similarly PRC of melatonin administration can be constructed and be used to reset the biological clock of an individual appropriately. He then elucidated the advance and delay phase shift by giving examples. He said that the organisms have the ability to readjust their biological clocks.

In the second lecture, Dr. Babita Pande from the Center for Basic Sciences, PRSU, talked about a non-circadian clock, the interval timer. She explained the models and the theories underlying the interval timing in humans. She discussed its implications for welfare of humans and its role in successful execution of any day-to-day activity. She also discussed using her own data how various factors, like age, gender, season, time, and chronotype influence the interval timing in humans.

Prof. Rajeev Choudhary, SoS in Physical Education, PRSU, delivered the third lecture on "Time series analysis using Analysis of Variance." This session was hand-on-training cum lecture. He described in detail the use of Analysis of Variance in survey and experimental data with the help of software SPSS. He talked about the criteria of choosing a particular statistical analysis for a particular study. He also solved the confusion and doubts of the participants related to statistical analysis.

Day-3

On third day of workshop that is on 4th March, Prof. Perumal Subramanian of Annamalai University, Chidambaram, delivered his first talk on "Molecular mechanisms of biological clock in *Drosophila* and Mammals." He explained the detailed molecular mechanism of the biological clock in fruit fly *Drosophila melanogaster*. He informed the participants that the first clock gene, *period* (*per*), was discovered by Ron Konopka and Seymour Benzer in the early 1970s in *Drosophila*. *Per* gene is involved in circadian timekeeping. Another clock gene is *cryptochrome* (*cry*), which mediates phase shifting of biological clock of *Drosophila*. It carries dual role as a photoreceptor and a transcription factor in *Drosophila*. Since 1971, numerous studies on molecular mechanisms of circadian clock have been performed extensively in *Drosophila melanogaster*. In *Drosophila*, the current model predicts that the helix-loop-helix transcription factors clock (*Clk*) and cycle (*Cyc*) bind as heterodimers to E-Box sequences (CACGTG) around noon in the genome of the fly. E-Boxes are found in the promoter region of many circadian-regulated genes, like the *period* (*per*), the *timeless* (*tim*), the *vri* (*vri*) or the PAR domain protein 1 ϵ (*pdp1* ϵ), but the very center of the clock represents the activation of *per* and *tim*. A second feedback loop regulates the transcription of *Clk* and thereby interlocks with the first loop. Further he explained the detailed molecular mechanism of the biological clock in *Mammals*. The genes, molecules; the *clock* and *bmal1* are the core components of the mammalian circadian molecular mechanism, which contains transcription factors and constitute a positive transcriptional-translational feedback loops. He explained the transcriptional feedback loop of the mammalian circadian clock with examples.

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The second lecture on day-3 was delivered by Prof. A.K. Pati on biological rhythms in cave fish and other animals found inside the Kotumsar Cave, Chhattisgarh. He showed his own fascinating chronobiological research data on cave fish and explained the persistence of circadian rhythm in it that he proved using different experimental protocols. He also demonstrated that different kinds of adaptations found in other animals inside the cave. The lecture was very interesting for all the participants.

Prof. Perumal Subramanian delivered the third lecture on day-3 on "Implications of Chronopharmacology in human health." He explained that the mammalian circadian pacemaker resides in the paired suprachiasmatic nuclei (SCN) and influences a multitude of biological processes, including the sleep-wake rhythm. The effectiveness and toxicity of many drugs vary depending on dosing time associated with 24 h rhythms of biochemical, physiological and behavioral processes under the control of circadian clock. Several drugs have already been exhibited their effectiveness as function of time. The knowledge of interactions between circadian clock and drugs is very useful for clinical practice. He said that the chronopharmacokinetics of relatively few drugs have been investigated and are mostly used for the treatment of cancer.

Day-4

In the morning of 5th March 2019, Prof. Perumal Subramanian delivered his talk on "Molecular mechanisms of biological clock in *Neurospora*, *Cyanobacteria* and *Plants*." He explained that the studies on the pacemaker of the *Neurospora* circadian clock have been conducted extensively and revealed the presence of a transcriptional-translational feedback loop. The molecular functioning of circadian rhythmicity is known to emerge from a network of positive and negative feedback regulation acting on clock genes and proteins in the fungus, *Neurospora*. He further explained the "Molecular clock mechanisms in *Cyanobacteria* and plants." He talked about the current understanding of the cyanobacterial circadian clock, emphasizing recent work that has generated a more comprehensive understanding of how the circadian oscillator becomes synchronized with the external time cues and how information from the oscillator is transmitted to generate rhythms in biological activity. He explained the bioluminescence and the related genes for bioluminescence. He also reviewed recent molecular studies in *Arabidopsis thaliana* and the important genes that have widened our understanding of the molecular regulation of the central circadian oscillator and its connections to input and output pathways of the clock mechanism. He said that studies have also begun to reveal the importance of the biological clock for key agricultural traits in crop species. In the talk, he discussed recent developments in plant chronobiology, including a new understanding of the molecular architecture underlying the biological clock in plants.

The second lecture on day-4 was delivered by Dr. Pankaj Kumar, Rajeev Gandhi Central University, Itanagar, on topic "Pineal and Melatonin." He explained the detailed structure of pineal gland and its location in the brain. He also emphasis various important biological functions of melatonin hormone secreted by the pineal. He discussed various factors that affect the pineal gland that causes disturbed melatonin secretion and sleep problems.

Prof. Rajeev Choudhary, SoS in Physical Education, PRSU, delivered the third lecture on day-4 on the topic "Application of Correlation and Regression on chronobiological data." This session was hand-on-training cum lecture. He elegantly described the use of Correlation and Regression on various types of data using software SPSS. He also explained types of correlation and regression. He cleared the doubts of the participants related to various statistical analyses.

Day-5

On 6th March 2019, Prof. R. Venugopal, SoS in Physical Education, PRSU, delivered the 1st lecture of the day-5 on the topic "Sports Chronobiology." Dr. Venugopal through her talk emphasised the importance of physical exercise in daily life that increases the quality of life. She gave information of

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physical exercise with respect to ancient time; Sushruta, an ancient Indian physician, who explained various modes of exercises to cure from different diseases. She also explained how the physical exercises are important for maintenance of the biological rhythms as well as get rid of the rhythm desynchronization.

In the second lecture, Dr. Meenakshi Sinha from AIIMS, Raipur, discussed about the Chronomedicine and its application in human health and diseases. She explained that Chronomedicine cure peoples in different way by giving particular medicine at a particular time. She explained the benefits of the timed-medication on the treatment of various diseases, such as cardiovascular, Parkinson, Alzheimer's disease, obesity, and other diseases as well. She also emphasized that timing of food intake is also important as chronobiologically it may prevent many diseases.

Dr. Venu Achari delivered the third lecture on human shift optimization. He talked about different types of shift schedules in industries and other working areas. He shared some of his research findings regarding consequences of shift schedule on health and the longevity of shift workers. He accentuated that the shift schedule should be according to circadian preference of shift workers. He also provided evidence from the literature that most of the big industrial accidents occurred after mid-night and early morning. He also discussed the strategies for minimizing the problems and suffering of the shift workers. He said that if shift worker is found to be intolerant to shift work then he/she should be shifted to day-duty with immediate effect. With experimental evidence, he emphasized that the switching from shift duty to day-duty help in the resynchronization of the desynchronized clock. He through his lecture emphasized the need of shift optimization to reduce the adverse effect of shift working and maximize the benefit by enhancing the human performance.

Day-6

On 7th March 2019 that is on sixth day of the workshop Prof. Arti Parganiha delivered the first lecture entitled, "Cancer Chronotherapy." She discussed the importance of time administration of anticancer drugs in cancer clinics. She categorically demonstrated showing her own data how patients with robust circadian rhythm live longer than those having disrupted circadian rhythm in rest-activity rhythm. She also explained that dichotomy index has excellent prognostic value for survival and quality of life. She explained that chronotherapy could increase the tolerance level, reduce toxicity and effectiveness of various medications in cancer.

Prof. M. Singaravel, Banaras Hindu University, Varanasi, delivered the second lecture of day-6 on "Measurements of Circadian Behaviours." He talked about the basic characteristics of the locomotor activity. He emphasized that the circadian rhythms in locomotor activity can be easily measured in a non-invasive manner by giving the examples of cockroaches, *Drosophila*, crickets, *Aplysia*, birds, lizards, bats and other mammals including humans. He highlighted that the locomotor activity closely reflects neuronal and molecular-level changes in the animal's circadian clock, and thus is a standard and reliable method to assess the state and properties of the circadian system in a particular animal, in different conditions. He explained the two popular methods of recording of locomotor activity: One, using infra-red beams that, when interrupted by animal's movements, send a signal to a recorder or computer; and the other, by measuring wheel-running activity.

The third lecture of the day was given by Dr. Priyoneel Basu, Banaras Hindu University, Varanasi, on "SCN: Neuronal circuitry." He described the structure and functions of the master clock, the suprachiasmatic nuclei (SCN). He described various pathways through which photic and non-photoc information reach to SCN and the SCN in turn provides rhythmic neuronal output and chemical signals that regulate rhythms in the rest of the body through neuroendocrine signals and clock-controlled genes.

Day-7

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The first lecture on the seventh day, i.e., on 7th March, 2019 was given by Prof. M. Singaravel, BHU, Varanasi, on "Circadian disruption on stress, depression and neuronal plasticity." He emphatically described that the photoperiodic modulation including jet lag and shift work schedule causes generation of stress and depressive symptoms. In addition, desynchrony in circadian clock alters neuronal morphology including dendritic length, spine density, etc. and thus negatively affects behaviour and physiology.

Dr. Priyoneel Basu, BHU, Varanasi, delivered the second lecture on "Using Clocklab." He explained this user-friendly software to the participants and informed them that it is a widely used program for the analysis of circadian rhythms. He highlighted the various features of Clocklab, such as Automated detection of activity onsets for period estimation, Activity Profile with Least Squares sine-wave fit, F statistics and p-value estimation (Cosinor), Periodogram: Chi-squared, F, and Lomb-Scargle, FFT and Wavelet Analyses, Bout analysis, Click-and-Drag over actogram for easy navigation through long records, Phase shift measurements from detected onsets, and Non-Parametric Circadian Rhythm Analysis (NPCRA). The participants found it very useful.

Learning Outcome Assessment:

Twenty one (21) participants coming from different parts of the country were taught how to use state-of-the-art techniques to study human rhythms, rhythms in animals, and how to analyze data to validate circadian rhythms (biological clocks). Participants were divided into four groups, namely JP Thapliyal, MK Chandrashekar, R Subbaraj, and VK Sharma. On the last day of the workshop, each group presented what they have learned during the hands-on training program imparted to them. Each group presented the learning outcome and each member contributed to the presentation. Three unbiased judges with no conflicts of interest assessed their performance and judged the best presentation. The members of the winning group [VK Sharma] received a certificate. The participants who own the first prize are (1) Adyasha Joshi [Sambalpur]; (2) Khushboo Yadav [Jamshedpur]; (3) Abanti Chowdhury [Kolkata]; (4) Tuleshwari Sahu [Raipur]; and (5) Nisha Singh [Raipur].

The valedictory function was organized at 4:00 pm in the Sir J.C. Bose Hall of the School of Life Sciences. During the valedictory function following dignitaries were present: Prof. M. Singaravel, Banaras Hindu University, Varanasi; Dr. Pankaj Kumar, Rajiv Gandhi University, Itanagar; Dr. Priyoneel Basu, Banaras Hindu University, Varanasi; Prof. A.K. Gupta – Convener of the Workshop, and Dr. Arti Parganiha – Organizing Secretary of the Workshop.

The participants of the workshop gave their oral and written feedback. The dignitaries expressed their opinion on the Chronobiology Workshop. Finally, Dr. Arti Parganiha proposed a vote of thanks and spoke about the success of the National Workshop. Then certificates and prizes for best presentation and participation were distributed to all the participants. The resource persons were honoured with certificates for availing their service and making workshop successful.

Hands-on Practice Session

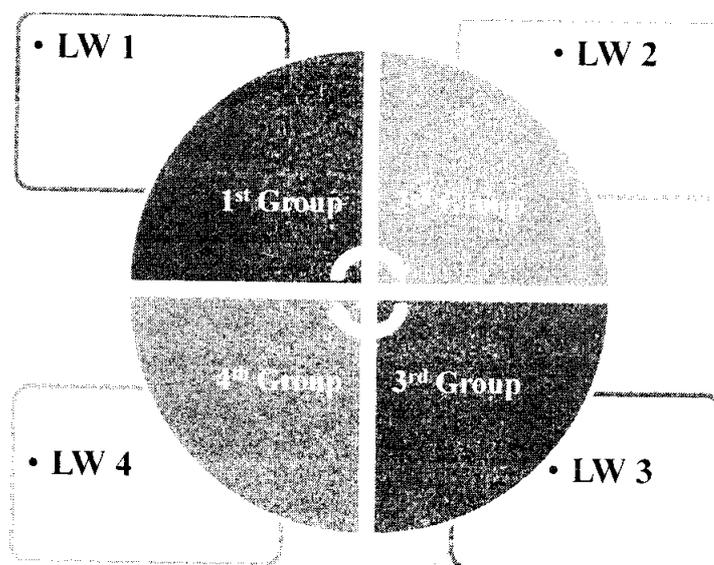
Every day the lab session started at 14:00 and completed at 17:30. All the participants were divided into four groups. In each group five participants accommodated. In one of the groups, six participants were there. On the first day, the first group studied how to study biological rhythms of animals using infrared sensors. They were also instructed how to digitize the qualitative data (Actogram) into quantitative data using Stanford Kit software. This group also learned how to study the phototactic behavior of fish, and data analysis using the special software, such as Time Series Analysis - Cosinor 6.3. The second group studied the techniques of actimetry; how to study the sleep-wake rhythms in human subjects using Actiwatches; and computation of Dichotomy Index and Autocorrelation Coefficient. The third group studied the techniques of measuring rhythms in blood pressure in human subjects. They were instructed how to use the ABPM (Automatic Blood Pressure Monitor). They

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were also taught about the autorhythmometry technique. They also learned how to analyze data using ANOVA for validating the effect of the factor, TIME. The fourth group learned to measure the sleepiness level using various questionnaires. They were also taught to identify chronotypes using inventories, namely MEQ and MCTQ. All the participants also learned the technique of ELISA. From the 2nd day onwards the groups were rotated in the following manner to the Hands-on Practice Session:



People as Resource Persons

Resource Person	Address
Prof. A.K. Pati	Gangadhar Meher University, Sambalpur, Odisha
Prof. P. Subramanian	Department of Biochemistry & Biotechnology, Annamalai University, Annamalainagar Chidambaram, Tamilnadu
Prof. M. Singaravel	Department of Zoology, Banaras Hindu University, Varanasi
Dr. Pankaj Kumar	Department of Zoology, Rajiv Gandhi University, Itanagar
Dr. Priyoneel Basu	Department of Zoology, Banaras Hindu University, Varanasi
Dr. Minakshi Sinha	Department of Physiology, All India Institute of Medical Sciences, Raipur, Chhattisgarh
Prof. Rajeev Choudhary	School of Studies in Physical Education, Pt. Ravishankar Shukla University, Raipur
Prof. Reeta Venugopal	School of Studies in Physical Education, Pt. Ravishankar Shukla University, Raipur
Prof. Arti Parganiha	School of Studies in Life Science, Pt. Ravishankar Shukla University, Raipur
Dr. K Venu Achari	Govt. Madan Lal Shukla College Seepat, Bilaspur
Dr. Babita Pande	Center for Basic Sciences, Pt. Ravishankar Shukla University, Raipur

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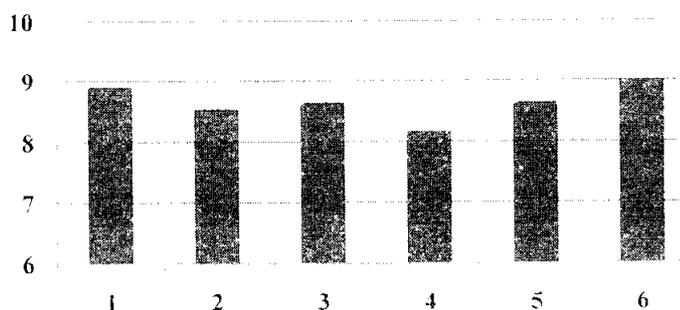
The lab work exercises were conducted by Prof. Arti Parganiha, Dr. Pankaj Kumar, Dr. Babita Pande, Kaushal Baghel, Noorshama Parveen, Priyanka Chandel, Shikha Malik, Margaret Massiah Singh, Sraddha Pradhan, Rajni Barle, Bhupendra Sahu, and Priyanka Chakradhari.

Group	Topic of hands-on-practice session	People
1	<ul style="list-style-type: none"> i. Study of locomotor activity rhythm using Stanford Kit ii. Study of phototactic behavior in fish iii. Cosinor rhythmometry using Time Series Analysis - Cosinor 6.3 	Kaushal Baghel, Shikha Malik, Priyanka Chakradhari
2	<ul style="list-style-type: none"> i. Study of rest-activity rhythm of human subject using wrist actigraphy (AW2, AW Spectrum, Actical) ii. Computation of Dichotomy Index and Autocorrelation coefficient iii. Cortisol assay using ELISA reader 	Arti Parganiha, Margaret Massiah Singh, Sraddha Pradhan
3	<ul style="list-style-type: none"> i. Blood pressure monitoring in human subject using ABPM ii. Circadian rhythms in various physiological parameters using autorhythmometry technique iii. Time Series Analysis using ANOVA 	Babita Pande, Priyanka Chandel, Bhupendra Sahu
4	<ul style="list-style-type: none"> i. Measurement of sleepiness using VAS (Visual Analogue Scale), SSS (Stanford Sleepiness Scale), ESS (Epworth Sleepiness Scale), KSS (Karolinska Sleepiness Scale) ii. Chronotyping using MEQ and MCTQ 	Pankaj Kumar, Noorshama Parveen, Rajni Barle

Feedback

Participants of the Workshop gave their feedback on (1) the program, (2) the lectures delivered by the resource persons, and (3) the lab work. The scale of the assessment was from average (1) to excellent (10). The responses of the participants were overwhelming as was indicated from the higher scores.

The relative impact of the program has been depicted in **Figure-1**.



1 – Selection of lectures delivered; 2 – Quality of lectures; 3 – Contents of lectures; 4 – Duration of the Workshop; 5 – Study material provided; 6 – Faculty performance

Figure-1: Relative impact of the program [based on feedback from the participants]

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The responses of the participants on each lecture, for resource persons (average score) and on lab work have been depicted in Figures 2-4, respectively.

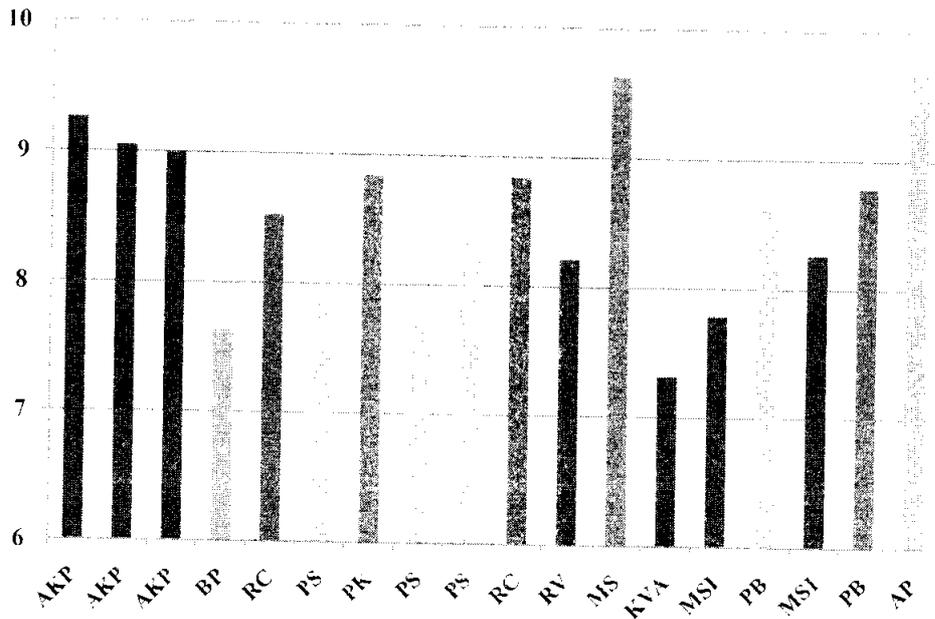


Figure-2: The responses of the participants on each lecture [average score based on feedback from the participants]

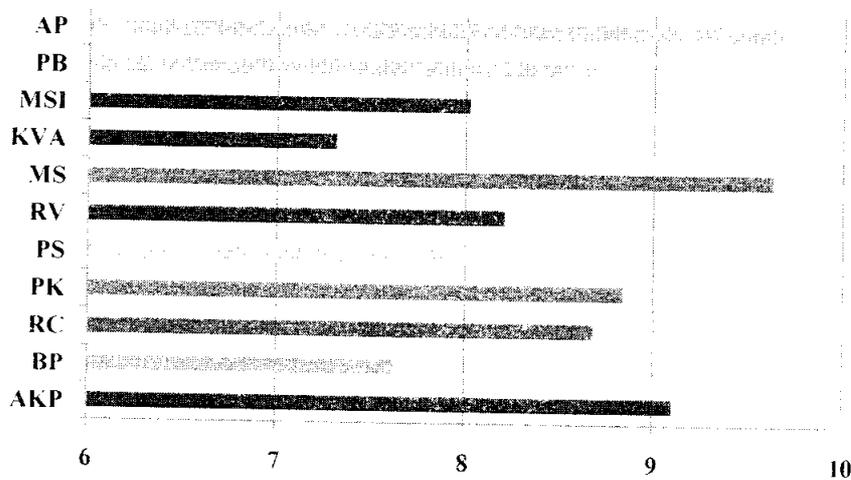
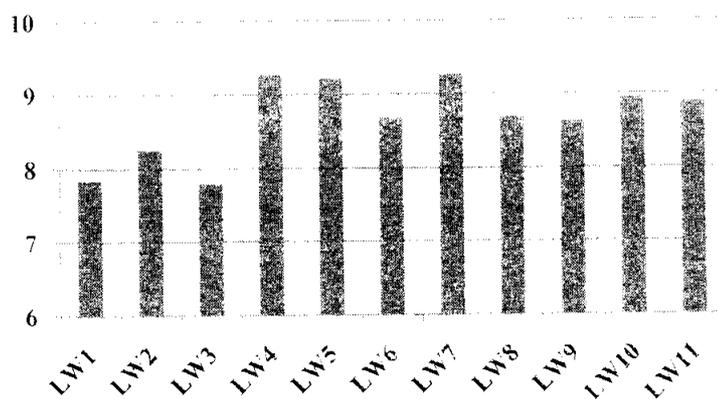


Figure-3: The responses of the participants for resource persons [average score based on feedback from the participants]

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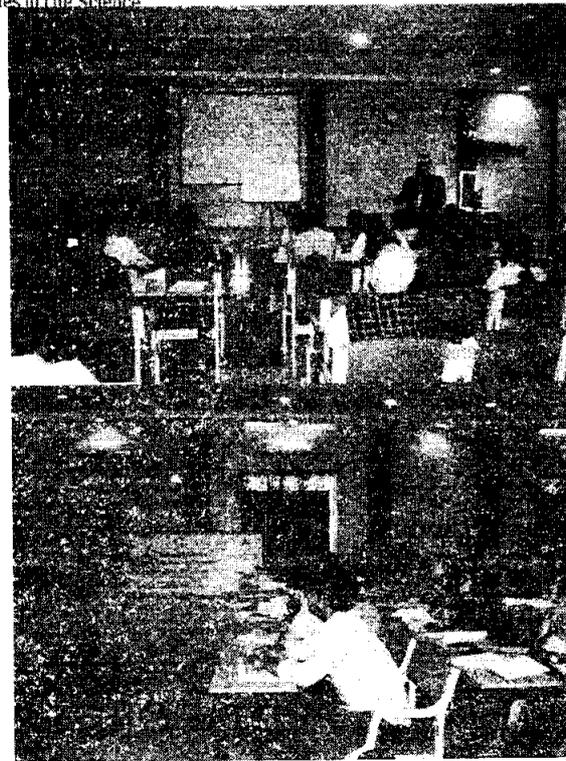
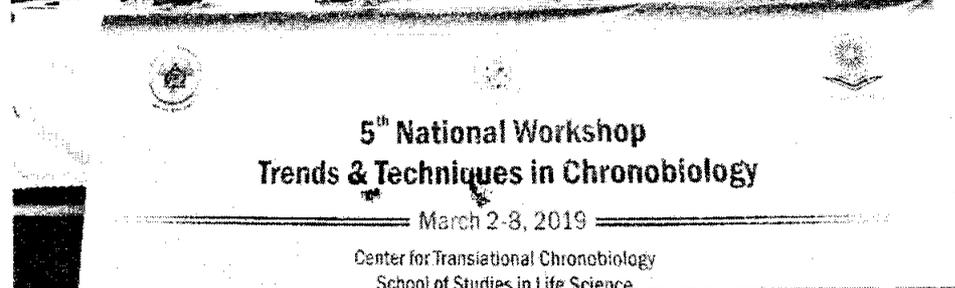
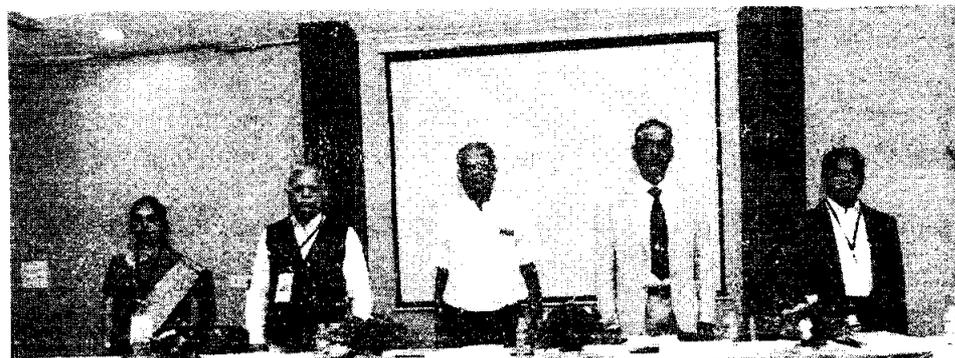
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LW1 – Study of locomotor activity rhythm using Stanford Kit; LW2 – Study of phototactic behavior in fish; LW3 – Cosinor rhythmometry using Time Series Analysis - Cosinor 6.3; LW4 – Study of rest-activity rhythm of human subject using wrist actigraphy (AW2, AW Spectrum, Actical); LW5 – Computation of Dichotomy Index and Autocorrelation coefficient; LW6 – Cortisol assay using ELISA reader; LW7 – Blood pressure monitoring in human subject using ABPM; LW8 – Circadian rhythms in various physiological parameters using autorhythmometry technique; LW9 – Time Series Analysis using ANOVA; LW10 – Measurement of sleepiness using VAS (Visual Analogue Scale), SSS (Stanford Sleepiness Scale), ESS (Epworth Sleepiness Scale), KSS (Karolinska Sleepiness Scale); LW11 – Chronotyping using MEQ and MCTQ

Figure-4: The responses of the participants on lab work [based on feedback from the participants]

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Pictures of the Inaugural Session and Speakers during Technical Sessions

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Group photograph with Honourable Vice Chancellors, PRSU & GMU and Director General, CCOST



Winners of the Lab Work Presentation with Resource Persons and Organizers

Voice of the participants

1. During hands-on training session each and every student should get a chance to perform all the software manually.
2. The techniques that are used in Chronobiology should be explained more elaborately.

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3. Lecture and practical sessions should be between 9:00am and 5:00pm with one hour lunch break not exceeded from 5:00pm.
4. More lab work should be delivered.
5. All sessions should be of 45 minutes.
6. Software application oriented lectures should be included more.
7. Lectures of Prof. A.K. Pati, Prof. Rajeev Choudhary, and Dr. Priyoneel Basu should be more.
8. Hands on training session should be improved more.
9. Local participants should be sincere.
10. Lecture time should be minimized.

Recommendations to the organizers:

1. More emphasis should be given on hands-on-practice session.
2. Workshop should be organized for longer duration.
3. Such programs should be supported generously by various funding agencies of the country.



(Arti Parganiha)
Organizing Secretary

Niryat Bandhu Workshop

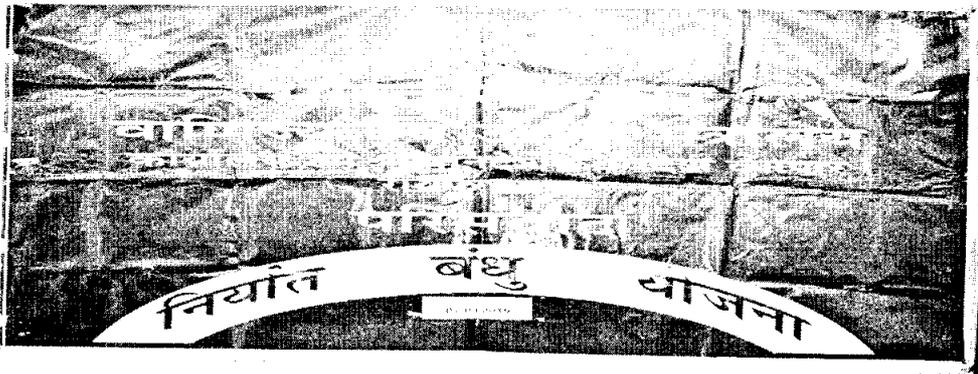
7th March 2019

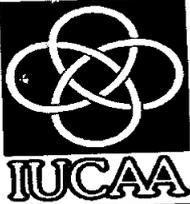
Institute of Management in association with DGIFT, Raipur conducted a one-day workshop on Niryat Bandhu to discuss the central government policies related to export.

Prof. A K Srivastava, Director of Institute of Management, gave the welcome address and discussed the significance of this workshop in papers related to the International Business Environment and International Marketing. He also highlighted the need for entrepreneurs for the development of the country and discussed the opportunities related to careers in export.

Shri. Kulkarni, DGIFT, Raipur discussed information procedures to obtain export-import codes. He also discussed Export Credit Guarantee Corporation of India, which helps the traders to protect from issues related to foreign financial transactions and financial risk which may occur in foreign trade.

The vote of thanks was proposed by Dr. G K Deshmukh. The workshop was attended by 96 participants.





SITARE

Southampton IUCAA Training for
Astronomical Research and Education



Venue : School of Studies in Physics & Astrophysics
Pt. R. S. University, Raipur, Chhattisgarh

Sponsored by: Science and Technology Facilities
Council (STFC), United Kingdom (UK)



Southampton IUCAA Training for Astronomical Research and Education (SITARE), is a scheme initiated by the Inter - University Centre for Astronomy & Astrophysics (IUCAA), Pune, India and sponsored by the Science and Technology Facilities Council (STFC), United Kingdom. With an objective of motivating enthusiastic students to pursue a research career in Astronomy & Astrophysics, SITARE aims to conduct Astronomy workshops in different parts of India and Nepal.

Southampton will host one such workshop during August 17 - 19, 2018 with an aim to provide front - end astronomical research opportunities to enthusiastic M. Sc. Physics students.

Few selected students will
get a chance to visit UK's :

UNIVERSITY OF Southampton

Applications are invited from enthusiastic students presently studying in M. Sc. Physics.

Apply online at : <https://goo.gl/forms/gMqbi9duJ5Vbvsu23>
Travel and local hospitality will be provided to all participants joining from outside Raipur (maximum of bus or train II-Sleeper class).

Selected students will be informed by end of July 2018.

Organized by :

Inter University Centre for Astronomy and
Astrophysics (IUCAA), Pune.

nkchakradhari@associates.iucaa.in
chaware.laxmikant@gmail.com

Event coordinators:

IUCAA :

Prof. Ajit Kembhavi

Prof. Ranjeev Misra

Pt. R.S. University Raipur :

Prof. S.K. Pandey

Prof. Nameeta Brahmé

IOC : Prof. D.P. Bisen, Dr. A.S. Gaur, Dr. L.K. Chaware, Dr. N. K. Chakradhari,
Dr. Y.K. Mahipal, Dr. C. Belodhiya, S. Sahu, M. Verma, A. K. Tamrakar, K. Bagri

SITARE, 17 - 19 August, 2018, Raipur

Programme Schedule

Day 1 - August 17, 2018

Breakfast 08:00-09:00 AM

Time	Topic	Speaker
10:00 am - 10:30 am	Inauguration	All Speakers
10:30 am - 11:30 am	Cosmic Distance Ladder	Poshak Gandhi
11:30 am - 12:00 pm	Tea Break, Interaction	
12:00 pm - 01:00 pm	Physics of Stars	S.K.Pandey
01:00 pm - 01:30 pm	Interaction and Q&A	
1:30 pm - 2:30 pm	Lunch Break	
2:30 pm - 3:30 pm	Black holes in the Universe	Ranjeev Mishra
3:30 pm - 4:00 pm	Tea Break, Interaction	
4:00pm - 5:00 pm	Observational Techniques : Coordinates, Telescopes and Detectors	
5:00 pm - 6:00 pm	World of Galaxies-I	Sonali Sachdeva
	Tea	
08:00	Dinner	

Day 2 - August 18, 2018

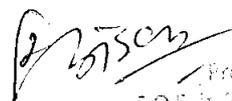
Breakfast 08:00-09:00 AM

9:30 am - 10:30 am	X-ray astronomy	Gulab Dewangan
10:30 am - 11:30 am	Radiative Processes-I	Ranjeev Mishra
11:30 am - 12:00 pm	Tea Break, Interaction	
12:00 pm - 1:00 pm	Hunting for Black Holes in the Universe	Poshak Gandhi
01:00 pm - 01:30 pm	Interaction and Q&A	
1:30 pm - 2:30 pm	Lunch Break	
2:30 pm - 3:30 pm	World of Galaxies-II	Sonali Sachdeva
3:30 pm - 4:00 pm	Tea Break, Interaction	
4:00 pm - 5:30 pm	Virtual Observatory	
	Tea	
08:00	Dinner	

Day 3 - August 19, 2018

Breakfast 08:00-09:00 AM

9:30 am - 10:30 am	Radiative Processes-II	Ranjeev Mishra
10:30 am - 11:30 am	Relativistic Jets and Energy Feedback	Poshak Gandhi
11:30 am - 12:00 pm	Tea Break, Interaction	
12:00 pm - 1:00 pm	AstroSat and AGN	Gulab Dewangan
01:00 pm - 01:30 pm	Interaction and Q&A	
1:30 pm - 2:30 pm	Lunch Break	
2:30 pm - 3:30 pm	Feedback, Evaluation & Selection	All Speakers
3:30 pm - 4:00 pm	Tea Break, Interaction	
4:00 pm - 5:00 pm	Evaluation & Selection, Conclusion	All Speakers
	Tea	
08:00	Dinner	



Professor & Head
S.O.S in Physics & Astrophysics,
Pt. Ravishankar Shukla University,
Raipur (C.G.), 492010



1. **SITARE** (Southampton IUCAA Training for Astronomical Research and Education). Workshop was organized at SoS in Physics & Astrophysics, Pt. R.S. University, Raipur in association with IUCAA, Pune and University of Southampton, UK during 17-19 August 2018. There were 60 participants representing different parts of India and 90 participants from the Pt. R.S. University, Raipur. The main objective of the workshop was to provide a suitable platform to young students to pursue a research career in Astronomy & Astrophysics. The Resource persons included Dr. Poshak Gandhi, University of Southampton UK, Prof. Ranjeev Mishra, Prof. Gulab Chand Dewangan, Dr. Sonali Saha from IUCAA, Pune, Dr. Sudhanshu Barway from Indian Institute of Astrophysics (IIA), Bangalore and Prof. S.K. Pandey, Dr. Laxmi Kant Chaware, Dr. N. K. Chakradhari from Pt. R.S. University, Raipur. The lectures were given covering a broad area like Physics of Stars, Galaxies, Virtual Observatories Black holes, Relativistic Jets, accretion disc and Radiative Processes in Astrophysics. The contents were liked very much by the participants. Apart from the lectures, questions answers, general discussions, and a large time duration was devoted for the Interactions on each day twice, before noon and after noon.





Coordinator

Nameeta

Prof. Nameeta Brahme

Prasen

Professor & head
S.O.S. in Physics & Astrophysics,
Pt. Ravishankar Shukla University,
Raipur (C.G.) 492010

Professor
S.O.S. in Physics & Astrophysics,
Pt. Ravishankar Shukla University,
Raipur (C.G.) 492010



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**Technical Program of
International Conference on Luminescence and its Applications
(ICLA-2019), January 7-10, 2019**

Organized by

School of Studies in Physics and Astrophysics, Pt. Ravishankar Shukla University
Raipur-492010, Chhattisgarh, INDIA

& Luminescence Society of India (LSI)

Co-Organizers: Department of Physics, NIT, Raipur
Department of Physics, Govt. N S College, Raipur

Registration and Welcome: 10.00am to 8.00pm 6-1-2019 [Sunday]
Pt RS University, Guest House

INAUGURAL SESSION :7-1-2019, Pandit Deendayal Upadhyay Auditorium

Registration and Breakfast : 8.00am on words

Inaugural Session: 9.30-11.15AM

Group Photo: 11.15AM

Tea Break

TECHNICAL SESSION – I

Chairmen: Prof. K V R Murthy and Prof. Sonia Tatum
Pandit Deendayal Upadhyay Auditorium-I

11.30-12.15	Prof. Marek Grinberg, Gdansk University, Key Note
12.15-12.45	Dr. K V K Gupta, Kwaloty Photonics : Plenary Talk
12.45-13.15	Sachin Shah, Crompton Lighting Division, Baroda
	Lunch: 13.15 – 14.30

Time Allotted for each Presentation

Plenary Talk - 40 Min : IT - 30 Min : ITT - 15 Min : Oral –10 Min

	Pandit Deendayal Upadhyay Auditorium-I TECHNICAL SESSION – II Chair: Prof.K Somaiah and Prof. S. K Omanwar
14.30-15.15	Dr. B S Panigrahi, IGCAR, Plenary Talk
15.15-16.00	Prof. S J Dhoble, RTM Nagpur University, Plenary Talk

Tea: 16.00-16.15

	Pandit Deendayal Upadhyay Auditorium-I TECHNICAL SESSION – III Chair:	Pandit Deendayal Upadhyay Auditorium-II TECHNICAL SESSION – IV Chair:
16.15-16.35	Dr. Kartik Shinde	Dr. K K Surati
16.35-17.00	Dr. Chikkahanumantharayappa	Prof. S. K Omanwar [30min]
17.00-17.15	Dr. K. R Nagabhushana	Dr. Lovedy Singh
17.15-17.30	Dr. Vikas Dubey	Dr. Ayush Khare
17.15-17.45	Senthil Kannan	Prof. M Srinivas
17.45-18.00	Dr. R K Kuraria	Dr. Y H Gandhi
18.00-19.00	Orals-1-6	Orals-7-12
Orals		

Dinner: 7.30 to 9.30pm

Balance

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8-1-2019, Tuesday

	TECHNICAL SESSION – V Chair:	TECHNICAL SESSION – VI Chair:
9.00-9.30	Dr. L Giribabu	
9.30-10.00	Dr. D. K Koul, BARC	Prof. P D Sahare
10.00-10.30	Dr. N S Rawat, BARC	Prof. Nameetha Brahme
10.30-10.45	Dr. D R Mishra, BARC	Prof. N L Singh, MSU

Tea : 10.45 to 11.00

	TECHNICAL SESSION – VII Chair: Prof.Marek Grinberg, Poland
11.00-11.45	Prof. G Krishnamoorthy, IIT, Guwahati, Plenary Talk
11.45-12.15	Prof.Ravindra Pandey, MTU, USA, Invited Talk
12.15-12.45	Dr. D Haranath, NIT Warangal
12.45-13.00	Dr. Govind Nair, South Africa

Lunch: 13.00-14.15hours

TECHNICAL SESSION – VIII: 14.15 to 16.30

	Pandit Deendayal Upadhy Auditorium-1 TECHNICAL SESSION – VIII Chair: Dr. V Ravi Kumar and Prof. S J Dhoble
14.15-15.00	Prof. A. R Lakshmanan, Saveetha Univeristy
15.00-15.30	J N Reddy, Nucleonix
15.30-16.00	Dr. V Siva Kumar
16.00-16.15	Dr Ashwini Kumar Sharma, South Africa
16.15-16.30	Dr. Gopakumar

TECHNICAL SESSION – IX: Tea cum Poster session

16.30 – 19.30 : CP: 1-110

Banquet: 19.30 to 21.30 : coupon should be presented.

9-1-2019, Wednesday

	TECHNICAL SESSION – X Chair: Prof. N L Singh and Dr. D Haranath	TECHNICAL SESSION – XI Chair: Prof. M Srinivas
9.00-9.15	Rajamouli Boddula	Dr. Manmohan L Satnami
9.15-9.30	Dr. Senthil Selvan	Dr. S C Prashanta
9.30-10.00	Prof. S Dorendrajit Singh	Dr. Rakesh Kumar Rai Dr. Nimai Pathak, BARC
10.00-10.30	Prof. K V R Chary	Dr. H Nagabhushana Dr. B N Lakshmi Narasappa
10.30-10.45	Dr. M T Jose	

Tea : 10.45 to 11.00

	Pandit Deendayal Upadhy Auditorium-1 Chair: Prof. K V R Chary and Dr. V Natarajan
11.00-11.45	Dr. M D Sastry, GII: Plenary Talk
11.45-12.15	Prof.Sonia Tatumi, Brazil, Invited Talk
12.15-12.45	Prof. Ajay Kumar Kushwaha, IIT, Indore, Invited Talk
12.45-13.15	Dr. Manoj Jaiswal, IISER, Kokata

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Lunch: 13.00-14.15hours

TECHNICAL SESSION – VIII: 14.15 to 16.00

	Pandit Deendayal Upadhy Auditorium-I TECHNICAL SESSION – XIII Chair: Prof. Jagjeet Kaur and Prof.	Pandit Deendayal Upadhy Auditorium-II TECHNICAL SESSION – XIII Chair: Prof. and Prof.
14.15-14.45	Dr. V Sudarsan, BARC	Orals: 13-23 (105 min.)
14.45-15.00	P. Morthekai, Lucknow	
15.00-15.30	Prof. K V R Chary, USA	
15.30-15.45	Dr. S M M Kennedy	
15.45-16.00	Dr. L Robindro Singh	Prof. A S Sai Prasad

TECHNICAL SESSION – XIV

XIV : 16.00 to 18.00 Tea cum Poster session : CP: 111-230
Dinner: 19.30 to 21.00 : coupon should be presented

10-1-2019, Thursday

	TECHNICAL SESSION – XV Chair: Prof.	TECHNICAL SESSION – XVI Chair: Prof. B S Panigrahi and Prof. Y H Gandhi
9.00-9.15	Dr. Sudeshna Ray	Orals:24-35 (105 min.)
9.15-9.30	Prof. Jagjeet Kaur	
9.30-10.00	Dr. K V R Murthy	
10.00-10.30	Dr. D P Bisen	
10.30-10.45	Dr. Nabachandra Singh	

Tea : 11.00 to 13.00

	Pandit Deendayal Upadhy Auditorium-I TECHNICAL SESSION – XVII Chair: Prof.	Pandit Deendayal Upadhy Auditorium-II TECHNICAL SESSION – XVIII Chair: Prof. K V R Murthy
11.00-11.30	Prof. Meera Ramrakhiani	Orals:43-50 (120 min.)
11.30-12.00	Dr. Latha Israni Shukla	
12.00-13.00	Orals: 36-42 (60 min.)	

Lunch: 13.00-14.00hours

Closing

**Poster Prizes Announcement [Sponsored by Nucleonix Systems
Pvt. Ltd., Hyderabad**

Luminescence Society of India Annual General Body Meeting

Luminescence

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Report

6th International Conference on Luminescence and its Applications (ICLA-2019)

The 6th International Conference on Luminescence and its Applications was organized by School of Studies in Physics and Astrophysics, Pt. Ravishankar Shukla University, Raipur and Luminescence Society of India (LSI) and Co-organized by NIT, Raipur and Govt. N.P.G. Science College, Raipur. It was a four- days conference held from 7th – 10th January, 2019 at Pt. Deendayal Upadhyay Auditorium.

On the first day i.e. on 7th January 2019 the conference was inaugurated by chief guest honourable minister of higher education C.G., Guest of honour Dr. J. N. Reddy, Nucleonix Hyderabad, Mr. Vijay Kumar Gupta, ELCINA, Hyderabad, Keynote Speaker Prof. Marek Grinberg, Poland, President of LSI, Prof. KVR Murthy, Prof. K.L. Verma, Vice-Chancellor, Pt. R.S. University Raipur, Prof. S.K. Pandey, former Vice chancellor, Pt. R S U Raipur, Dr. A. M. Rawani, Director, NIT, Raipur, Dr. D. N. Varma, Principal, Govt. N. P.G. Science College, Raipur, Dr. Sandeep Vansutre, Registrar, Pt. R. S. U. Raipur, Dr. D. P. Bisen, Secretary LSI. After the formal inauguration, welcome speech was delivered by Prof. Nameeta Brahme, Prof. & Head, SoS in Physics and Astrophysics. Dr. Sandeep Vansutre, Registrar, Pt. R. S. University, Raipur presented a brief introduction of University. Dr. A.M. Rawani gave a brief introduction of NIT, Raipur (C.G.), After that D.N. Verma, Principal, Govt. N.P.G. Science College, Raipur congratulates Pt. R.S. University, Raipur for organizing ICLA-2019. Dr. KVR Murthy, President LSI gave the short review about LSI and the ICLA. Then Dr. J.N. Reddy and Mr. Vijay Kumar Gupta delivered their speeches.

In felicitation ceremony Prof. S.K. Pandey, former vice-chancellor, Pt. RSU Raipur (C.G.) and Prof. S.J. Dhoble, RTM University, Nagpur was honoured for their extraordinary contributions in teaching and research. Honourable chief minister of CG Umesh Patel release the abstract of book. The speech related to the information about Pt. RS University was delivered by our Vice-chancellor, K.L. Verma. The last but not least, Vote of thanks was delivered by the secretary of the LSI Prof. D.P. Bisen.

Technical Session-1

The technical session was opened with keynote lecture by chairman Prof. Marek Grinberg, Gdansk University, Poland, on the topic compensation Mechanism of Ln^{3+} replacing divalent cations in dielectric compounds. Two Plenary talks were given by Dr. K.V.K Gupta on 1 quality photonics and Sachin Shah on Crompton lighting Division. Prof. K.V.R. Murthy and Prof. Sonia Tatumi, Brazil, chaired the session.

Technical Session-2

Technical session II was chaired by Prof. K. Somaiah and Prof. S.K. Omanwar SGBA University, Amravati. Dr. B.S. Panigrahi, IGCAR, Kalpakkam and Prof. S. J. Dhoble, RTM University, Nagpur gave their invited talk.



Technical Session-3

In III technical session 6 technical talks and 6 oral presentations were performed. Technical talks were related with evolution and application methods on LED phosphor.

Technical Session-4

The chairperson of the session were Prof. V. Natarajan and Prof. K.K. Dubey. Technical talk was delivered by Dr. Lovedy singh, Imphal. His talk was about the deconvolution of Pure Al_2O_3 by new general order kinetics, this new general order kinetics provide a better understanding of the analysis he informs. 6 oral presentations were made in the session.

A colourful cultural event was organised by Faculty of SoS in Chemistry and the students of Girls College.

Inaugural Function Photos



Manuel

23/5/23

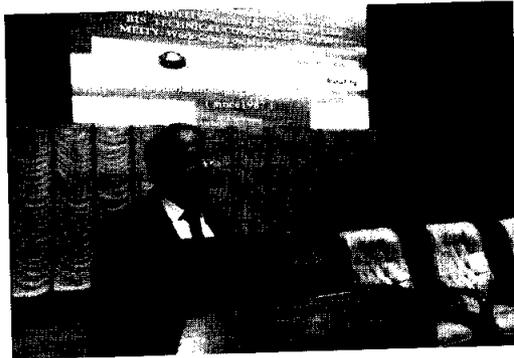
Photos Technical Session First Day



Prof. Marek Grinberg



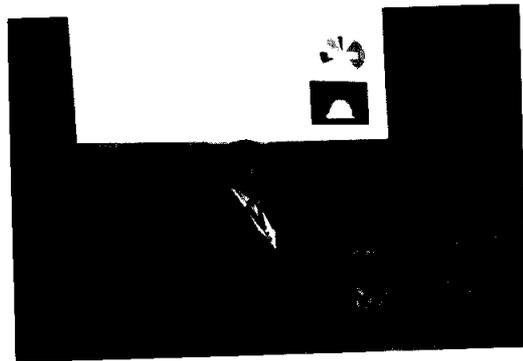
Dr. B.S. Panigrahi



Dr. K.V.K Gupta

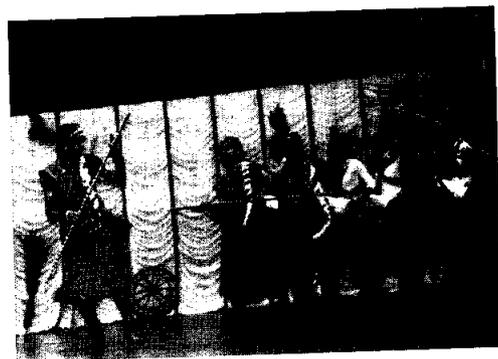


Prof. S.K. Omanwar



Prof. S. J. Dhoble

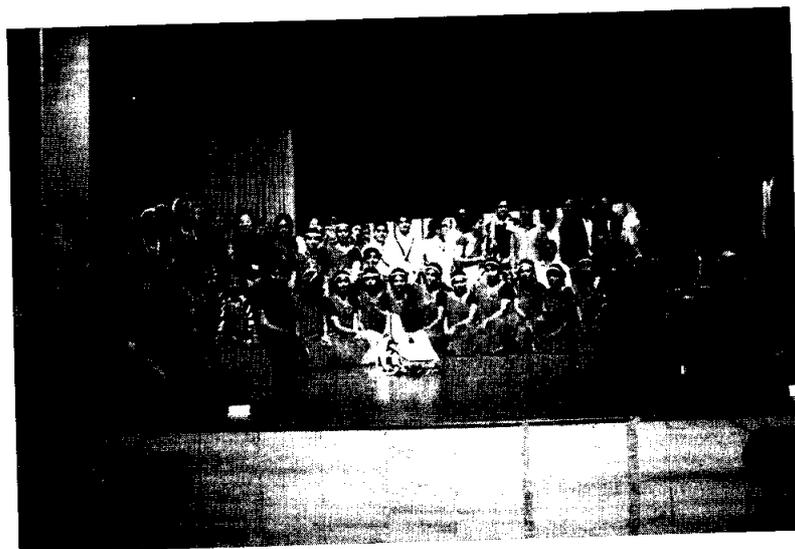
Cultural Event Photos



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On the second day of the conference i.e. on 8th January 2019, in technical session 5 Dr. D. K. Koul from BARC delivered his technical talk and 2 oral presentations were made. In another parallel session 6, Prof. P.D. Sahare from Delhi University, Prof. Nameeta Brahme from Pt. RSU Raipur have delivered their invited talk.

In technical session-7 Prof. G. Krishnamoorthy, IIT, Guwahati gave plenary talk. Prof. Ravindra Pandey, MTU, USA gave lecture on Optical property of Caumarins. Dr. D. Haranath, NIT, Varangal gave talk on Innovative Electroluminescent Display from phosphor session. The session was ended by Dr. Govind Nair, South Africa.

In technical Session-8 there were total 4 technical talk respectively by Prof. A. R. Lakshmanan, J. N. Reddy, Dr. V. Siva Kumar and Ashwini Kumar Sharma. The session got over with tea cum poster session.

Technical session 9 was Poster session. 90 posters were displayed by participants coming from all over India.

Nameeta

Ashwin

Photos Technical Session Second Day



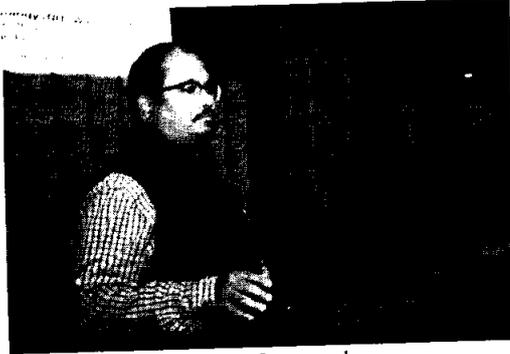
Dr. D. K. Koul



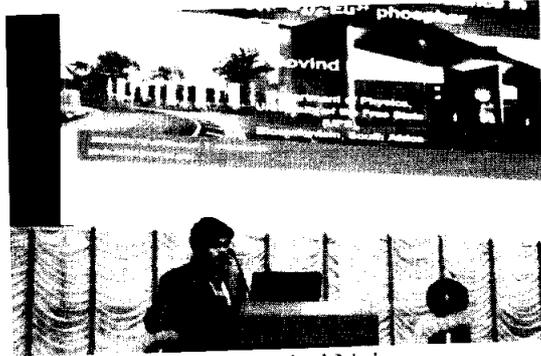
Prof. P.D. Sahare



Prof. Ravindra Pandey



Dr. D. Haranath



Dr. Govind Nair

Photos Poster Session Second Day



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BBB



On the third day **technical session 10** started with five technical talks, Rajamouli Boudhula, Gujarat, Dr. Senthil Selvan, Madras University, Chennai, Prof. S. Dorendrajit Singh, Imphal, Prof. KVR Chary, USA and Dr. M T Jose talk about Luminescence of Boron's Retrospective Dosimetry program at ICRR. Dr. D. Haranath and Prof. Anjali Oudia were the chairperson of technical session 10.

In another parallel session **technical Session-11**. Technical talks were delivered by L. Robindro Singh, Imphal about Thermoluminescence, Dr. Rakesh Kumar Rai, Ujjain about Mechanoluminescence. Dr. B.N. Lakshmi Nararappa about TL intensity of ion irradiated nanophosphor.

Technical Session-12 started with the lecture of Prof. KVR Murthy and chairperson was Dr. V. Natarajan. Plenary talk was given by M D Sastry on PL, TL and OSL in the detection of synthetic diamonds. After that Prof. Sonia Tatumi, Brazil, Ajay Kumar Kushwaha and Dr. Manoj Jaiswal have given their invited talk.

Technical Session-13

Prof. Jagjeet Kour was the chairperson and technical talks were given by Dr. V Sudarshan, P Morthekai and Dr. SMM Kennedy. 8 oral presentations were there.

In Technical Session-14 about 50 Posters were displayed by participants from all over India.

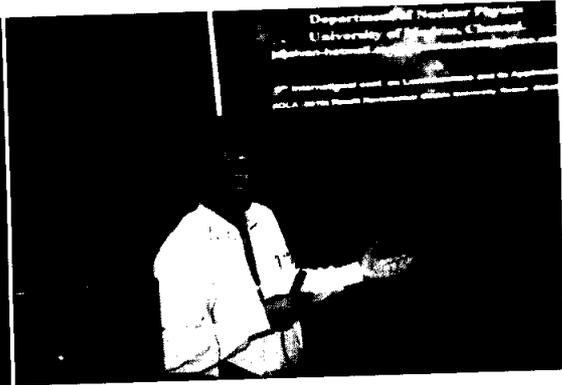
Anjali

Senthil

Photos Third day Technical Session



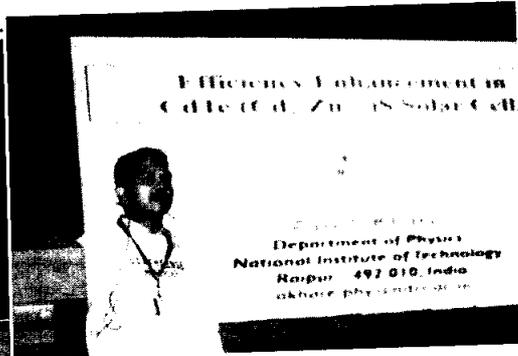
Prof. S. Dorendrajit Singh



Dr. Senthil Selvan



Prof. Sonia Tatumi



Dr. Ayush Khare

Photos Poster Session Third Day



Maneeb



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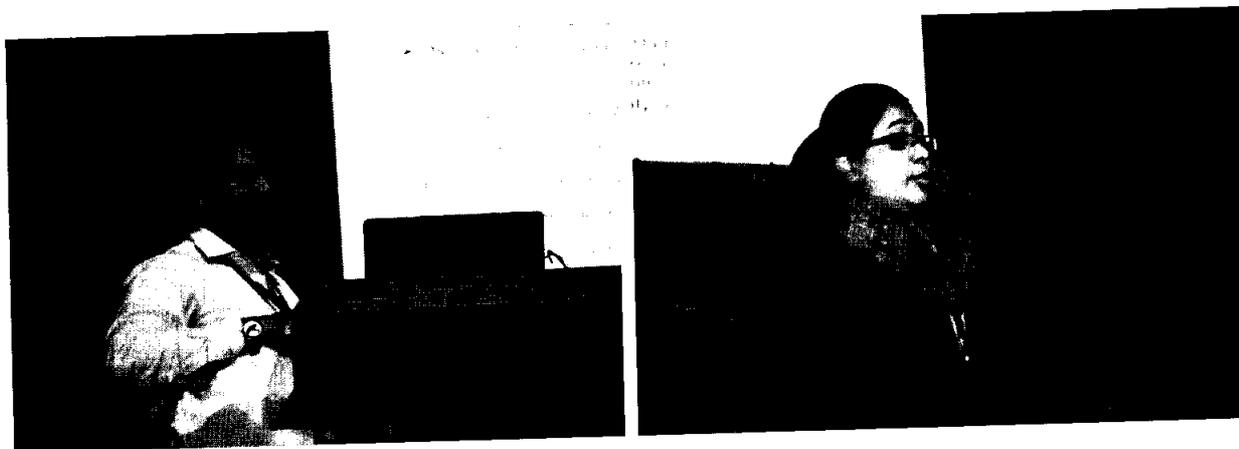
On the Fourth day the **Technical session 15** was chaired by Dr. S. M. Kennedy and technical talk was delivered by Sudheshna Ray her talk was about designing characteristics and Luminescence study of new inorganic based luminescence material.

In **technical session 16** Chairperson were Dr. B. S. Panigrahi and Y. H. Gandhi. There were total 8 oral presentations in this session.

At last the closing ceremony and prize distribution for oral and poster of this program was held vote of thanks was delivered by Prof. Nameeta Brahme. Then feedback session has also been held and most of the participants gave positive feedback.

And finally the 4 days ICLA-2019 had been successfully completed. All the participants, students from other states as well as other countries gain new ideas and many more in the Luminescence field from the well knowledgeable experts of our country as well as foreign country. They seem to be very happy after attending the conference.

Technical Session Photos Fourth Day

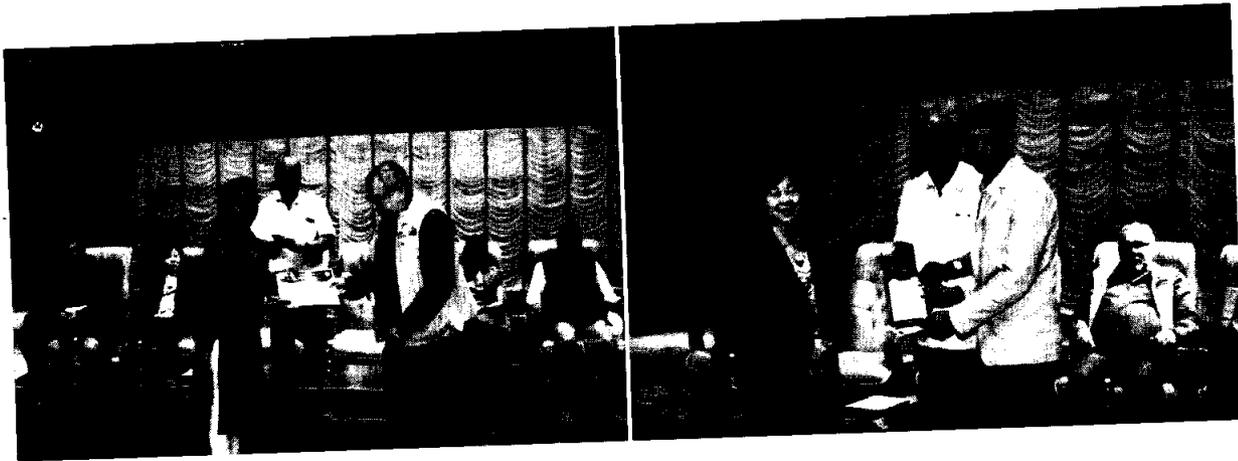


Prize Distribution Photos



Nameeta

Prizes



Such type of program will be very helpful for the young researchers.

The conference ended with Annual general body meeting of LSI in which Prof. D. P. Bisen, Secretary LSI did deliver about the budget. Last but not the least the decision about next NCLA 2020 was made to be held under the convenership of Prof. Dorendrajit Singh, Imphal in Manipur University, Chanchipur on 24th -26th Feb. 2020.



Organizer
School of Studies in Physics and Astrophysics
Pt. Ravishankar Shukla University, Raipur, C.G, INDIA
&
Luminescence Society of India (LSI)

Co-organizers
National Institute of Technology, Raipur, C. G, INDIA
&
Govt. Nagarjuna Science College Raipur, C. G., INDIA

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**INSTITUTE OF TEACHERS EDUCATION
PT. RAVISHANKAR SHUKLA UNIVERSITY RAIPUR,
CHHATTISGARH**

**University Level Workshop on Nai-talim in collaboration with
Mahatma Gandhi National Council of Rural Education (MGNCRE)**

Schedule

Date: - 18/09/2018

Venue: - Seminar Hall, Institute of teachers Education, Pt. RSU

- | | | |
|-------------|---|--|
| 9.30-10.00 | - | Registration |
| 10.00-11.00 | - | Inauguration <ul style="list-style-type: none">• Lamp lightning• Kulgeet (University Song)• Felicitation of chief guest & Resource Person by the faculty of ITE• Chief Guest Address-.....• Presidential Address -.....• Vote of Thanks |
| 11.00-11.15 | - | Tea Break |
| 11.15-12.30 | - | Work Education and Community Engagement
(By MGNCRE) |
| 1.30-2.30 | - | Lunch Break |
| 2.30-3.30 | - | Curriculum on Community Engagement for
Teacher Education |

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**DIRECTOR
Institute of Teacher Education
Pt. Ravishankar Shukla University
RAIPUR (C. G.)**

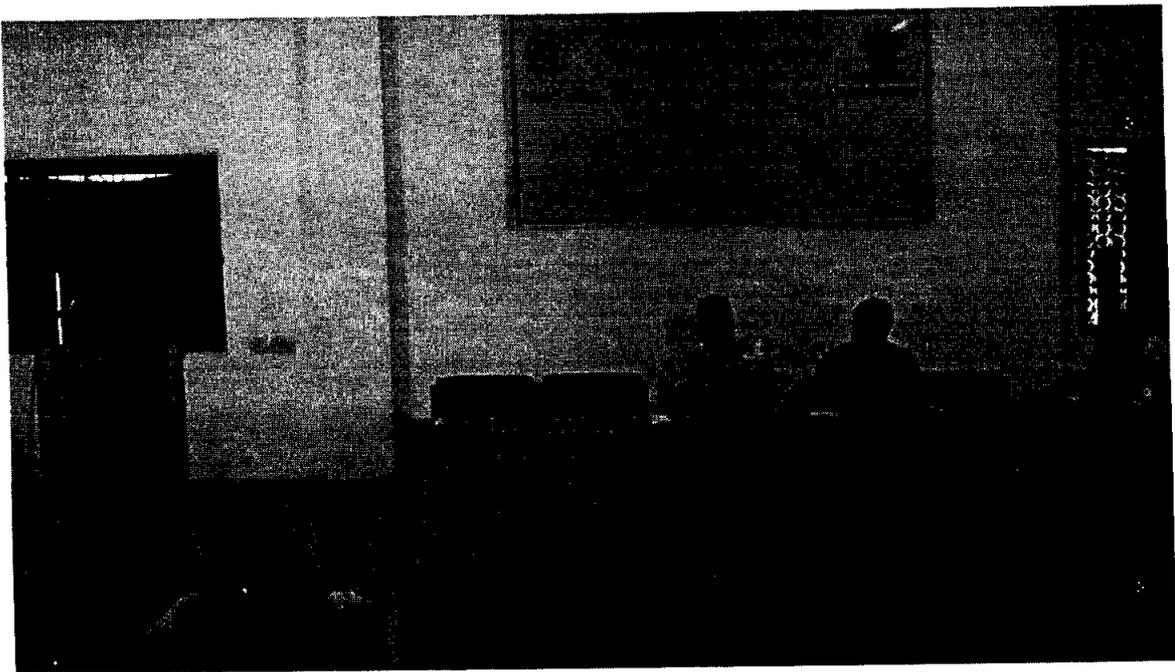
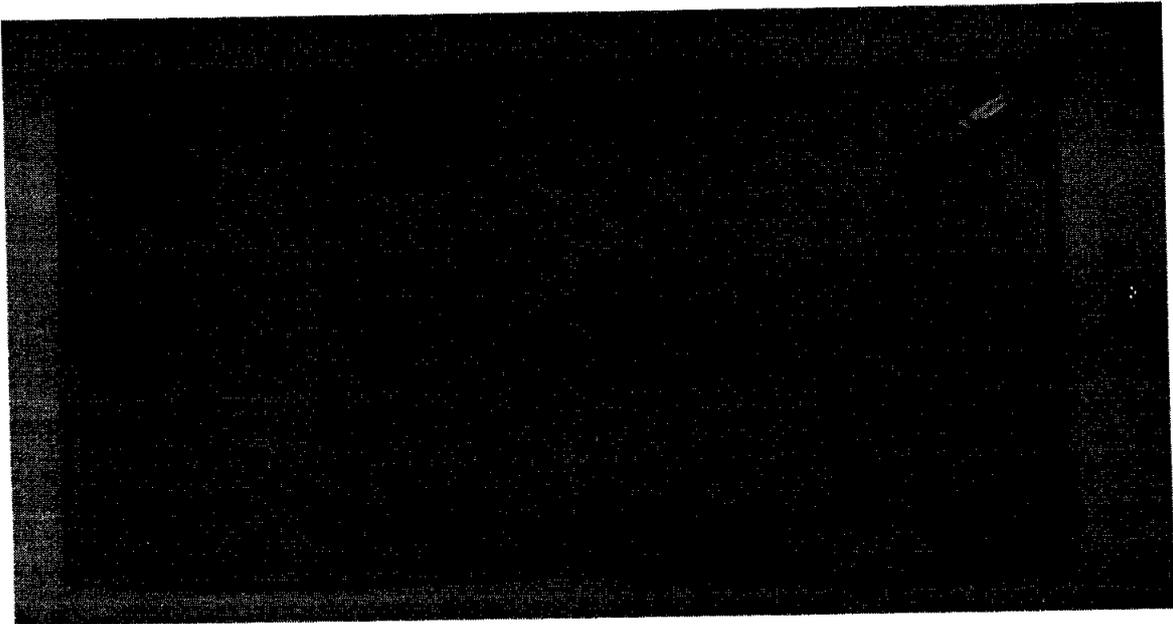
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Workshop cum Symposium

One day workshop cum Symposium on Lesson-Plan based on Work experience was organized on 31st October 2018.



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DIRECTOR
Institute of Teacher Education
St. Ravishankar Shukla University
RAIPUR (C. S.)

Faculty Development Program

First time in India, a seven day Faculty Development Program on Nai -Talim was conducted by Institute of Teachers Education from 30th September to 6th October 2018.





	<p>Organizing Secretary Prof. C.D. Agashe Director, ITE, Mob.-94255-03534</p>	
<p>Registration form</p> <p>1. Name:.....</p> <p>2. Institution:.....</p> <p>3. Designation:.....</p> <p>4. e-mail:.....</p> <p>5. Mobile No.:</p> <p>6. Contact:.....</p> <p>7. Address:</p> <p>8. Registration fee Detail:.....</p> <p>9. Accommodation Required:.....</p> <p>Date:</p> <p>Signature</p>	<p>Date & Duration March 9th to 11th, 2019 3 Days</p> <p>Vishal Phalguni Seminar Hall Institute of Teachers Education Pt. Ravishankar Shukla Raipur</p>	<p>National Workshop on EDUCATIONAL PSYCHOLOGICAL ASSESSMENT <i>(UGC Sponsored)</i></p> <hr/> <p>ORGANIZED BY INSTITUTE OF TEACHERS EDUCATION PT. RAVISHANKAR SHUKLA UNIVERSITY, RAIPUR CHHATTISGARH, 492010</p>

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DIRECTOR
 Institute of Teacher Education
 Pt. Ravishankar Shukla University
 RAIPUR (C. G.)

6

3.10.2019

UGC Sponsored ✓
Three Days National Workshop ✓
On

'Educational Psychological Assessment'

UGC sponsored three days national workshop on "Educational Psychological Assessment" was organised by Institute of Teachers Education from 9th to 11th, March 2019. Hon'ble Vice-Chancellor Prof. Khesari Lal Verma graced the inaugural session as the chief guest and Prof C. D. Agashe, Director of ITE, presided over the function. The program was attended by eighty five teachers, professionals, and students from different states along with all the faculty members of ITE. All participated in the workshop with great enthusiasm. Prof R. D. Helode was the keynote speaker as well as expert of the first technical session. He discussed education psychology and psychological assessment in details. Second session was taken up by Prof. Promila Singh, senior professor in SoS in Psychology. Her topic was 'Cognitive Assessment'. She not only explained about cognitive assessment but also involved the participants in psychological testing.

On the second day, 10th of March, Prof. Khalida Dudhale from Indore delivered a lecture on Behavioural Testing. She also gets some experinents done.

On the last day of the work shop, Prof. R. D. Helode explained the nature and types of 'Personality' and their 'Assessments' with some sessions. The concluding session was taken up by Prof. C. D. Agashe. He spoke on the role and importance of projective techniques on personality assessment. He taught Thematic Apperception Test to the participants.

The vote of thanks was given by Dr. Roli Tiwari. On behalf of ITE, she thanked all the dignitaries, delegates from different states and each and everyone who was directly or indirectly part of this three day workshop.



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DIRECTOR
Institute of Teachers Education
Rajawade Sanshodhan Mandal
Rajawade Sanshodhan Mandal
Rajawade Sanshodhan Mandal

12



Detailed Report of Worksop/ Road Show

on

“Brewing Bio-entrepreneurship in Raipur”

held at

School of Studies in Biotechnology, Pt. Ravishankar Shukla University, Raipur

Bio-entrepreneurship is the integration of two different disciplines, science and business. It is the flow of innovation from academia to industry. Bio-entrepreneurship is the use of biological entities or any idea, related to sciences for purpose of acquiring profit and establishing a business. History has proven that starting a new biotechnology company is not an activity for the faint of heart. Neither is it an endeavour that can be undertaken without patience, perseverance or optimism at their extremes. However, no matter how strong your character, there are three structural elements that are absolutely necessary for biotechnology success. We call these the "three pillars" of bio-entrepreneurship: a quality management team, adequate financing, and access to new technology that leads to products.

With this aim a one day workshop/ road show on “Brewing Bio-entrepreneurship in Raipur” was organized jointly by Technology Business Incubator (TBI), Kalinga Institute of Industrial Technology (KIIT), Bhubaneswar, Regional Centre of BIRAC, DBT, New Delhi and School of Studies in Biotechnology, Pt. Ravishankar Shukla University, Raipur, on 29 August 2019 at 11:00 a.m. in the Seminar Hall of this School.

Biotechnology Industry Research Assistance Council (BIRAC) is a non-profit, public sector enterprise, set up by DBT, Government of India, New Delhi, as an interface agency to strengthen and empower the emerging Biotech enterprise to undertake premediated research and innovation, addressing nationally relevant product development needs. A TBI is a type of business incubator focused on supporting start-ups which use modern technologies as the primary means of innovation. TBI is an initiative of KIIT, which provides vibrant ecosystem for promoting innovation and entrepreneurship development, in various fields including life science through various government schemes.

The proposed event was graced by honourable Vice-Chancellor of Pt. Ravishankar Shukla University, **Professor K. L. Verma**. The workshop session started with warm welcome of esteemed guests, eminent scientists from KIIT-TBI, leading and amateur entrepreneurs by the

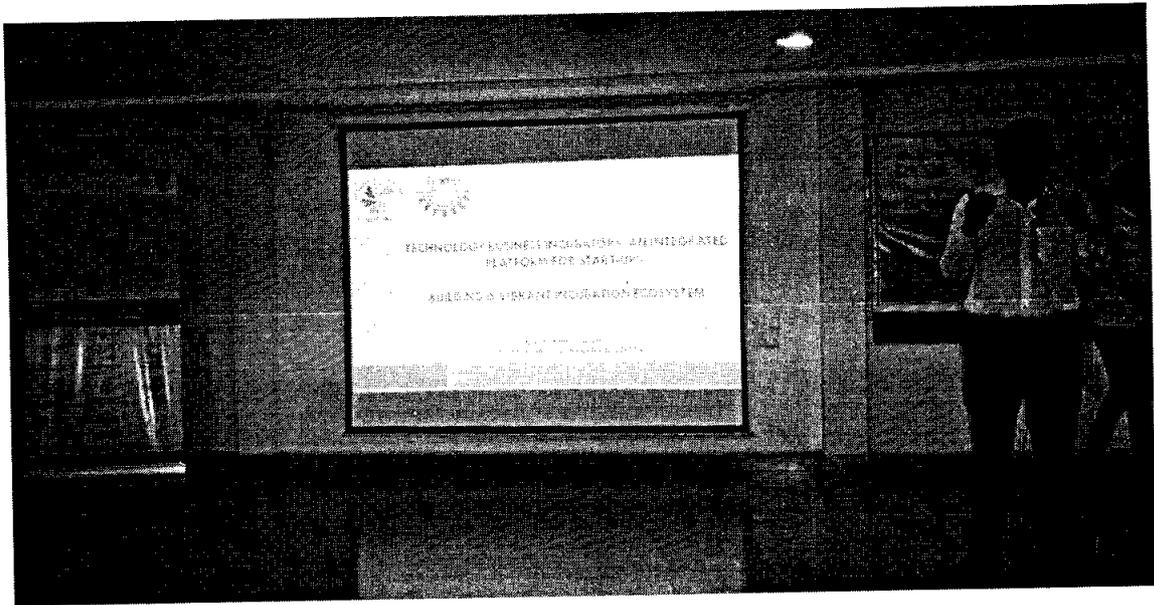




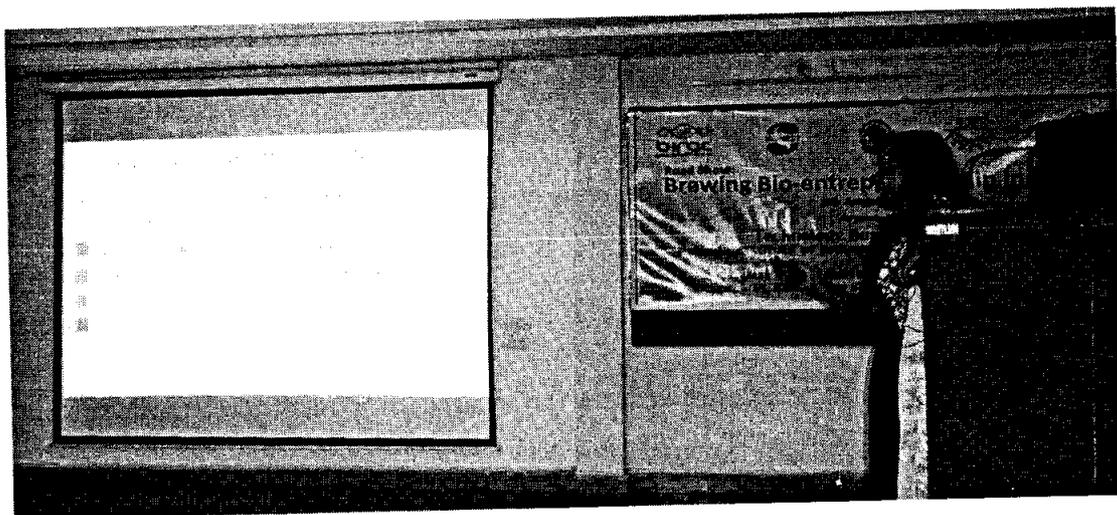
faculty members of School of Studies in Biotechnology. The opening speech of the session was delivered by the Honourable Vice-Chancellor. In his speech he heartily welcomed the team of KIIT-TBI and expressed his privilege of being the host of such an entrepreneurship programme.



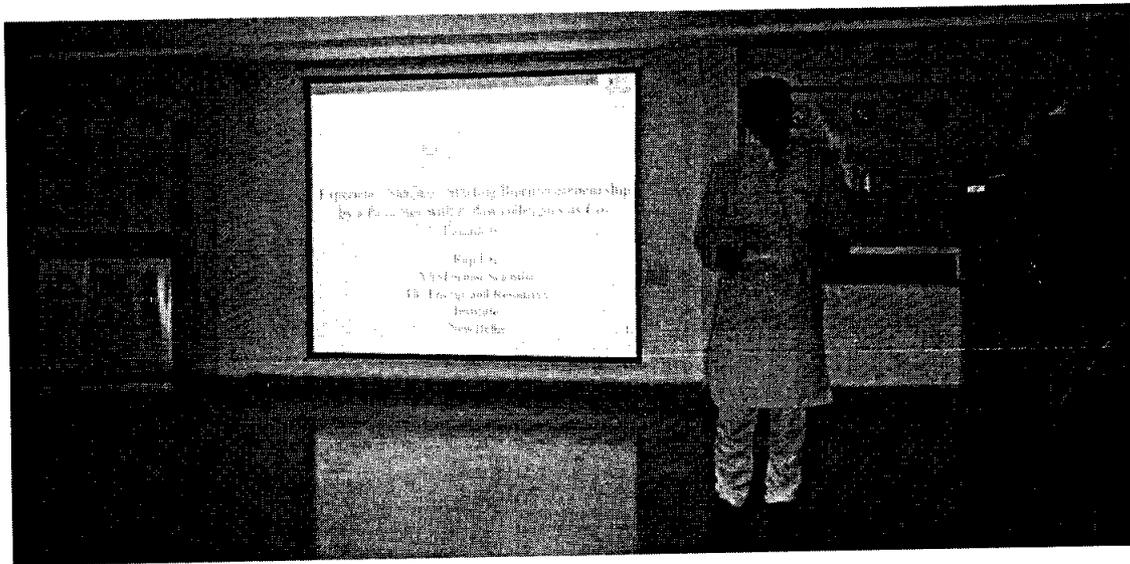
The introductory talk of the session was headed by **Dr. Mrutyunjay Suar**, CEO, KIIT-TBI, Bhubaneswar. In his talk, Dr. Suar provided baseline information on TBI as an integrated platform for start-ups for building a vibrant ecosystem. He apprised regarding various Government agencies such as BIRAC-DBT, DST (NIDHI scheme) NITI Aayog (AIC), MSME, TDB, DIT, MHRD, *etc.*, which stand as supporting pillars along with some PSUs for funding start-ups. More than 200 TBIs have been established so far in India of which only 20 are actively working, the reason being the lack of awareness regarding funding agencies and start-up establishment procedures. He shared success stories of many young entrepreneurs who converted their vibrant innovative idea into business in their start-ups with the help of KIIT-TBI.



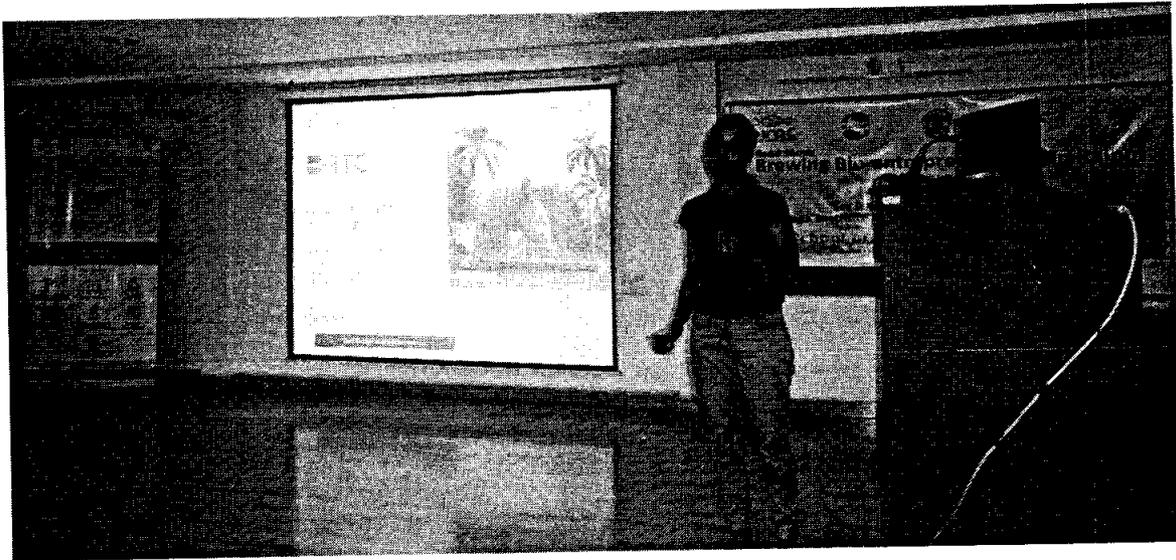
The second talk of the session was given by Dr. Namrata Misra, Head-Bioinnovation, KIIT-TBI, Bhubaneswar. She configured BRTC plan and action plan for start-ups in Raipur city of Chhattisgarh. She emphasized on “Building the Ecosystem : Start-up India – Make in India program” and visioned India as the 3rd largest start-up ecosystem in the world and one of the largest consumer markets with over 14,600+ start-ups with a funding support of 10,000 Crores. TBI aims in bringing together technologists, entrepreneurs and investors on one common platform. Hence provide opportunities in initiating start-ups. She detailed the funding grants available for start-ups viz.; Biotechnology Ignition Grant (BIG), Small Business Innovation Research Initiative (SBIRI), Biotechnology Industry Partnership Programme (BIPP), Promoting Academic Research Conversion to Enterprise (PACE) for academicians and faculties.



A wonderful experience was shared by eminent scientist, Professor **Rup Lal**, MD, PhiXgen Pvt Ltd, New Delhi, who narrated his journey and success story from being a Professor to a leading Bio-entrepreneur. He shared his experience on building his own start-up "PhiXgen" with his fellow colleagues as co-founders and the hurdles they faced right from the beginning of plan of action. He shared the work profile of his company which basically provides Genomic and Metagenomic analyses services, Technical services, Training Services and Healthcare products manufacturing, distribution, and marketing. Recently, PhiXgen has been allotted project on GIS-based Mapping of Microbial Diversity across the Ganges for Ecosystem Services Supported by National Mission for Clean Ganga (NMCG) with Project costing of 9.2 Crores.



The concluding talk of the workshop was delivered by **Ms Shivani Gupta**, a young Entrepreneur and Co-founder of Inochi Care Pvt Ltd, New Delhi, who shared her innovative idea of developing health care diagnostics for healing chronic wounds in her start-up. She has designed VACOX: Multitherapeutic Wound Healing Technology for faster healing of clinically complex wounds.



A total of 150 entries were registered for participation in the workshop/ road show which included faculties, research scholars and post graduate students from various institutions like School of Studies in Biotechnology, Institute of Pharmacy, National Centre for Natural Resources, and School of Life Sciences of Pt. Ravishankar Shukla University Raipur, and colleges like Govt Nagarjuna Science College, Raipur; Pt. Jawahar Lal Nehru Medical College, Raipur; Indira Gandhi Agriculture University, Raipur; Seth Phoolchand Agrawal Smriti PG College, Nawapara-Rajim; Govt. Digvijay College, Rajnandgaon; Bhilai Mahila Mahavidyalaya, Bhilai; and Shri Swami Swaroopanand Saraswati Mahavidyalaya, Bhilai. The focal point of the workshop/ road show was the announcement made by Honourable Vice-Chancellor of Pt. Ravishankar Shukla University, Raipur; he declared establishment of TBI Centre in the university campus. The session ended up with questionnaire and active discussion between the participants and eminent speakers.

Registration Form

Name:.....

Designation:

Affiliation:

Date of Birth.....Gender: M/ F

Phone No.....

Fax:

E-mail.....

Preference: Oral / Poster

Title of the paper

Author(s):

Accommodation requirement: Yes / No

Details of Demand Draft:

DD No.: Date:

Amount:

Date/ Place:

Signature

Please complete and return this form along with the Demand Draft towards Registration/ Accommodation fees to the organizing Secretary.

**If required, photocopies of the registration form can be used.*

Patron:

Prof. K.L. Verma
(Vice Chancellor, Pt. RSU, Raipur)
Dr. A.K. Chandrakar
(Vice Chancellor, Ayush Univ, Raipur)

Advisory Committee:

Prof. K.K. Ghosh
Prof. S.C. Naithani
Prof. M. Mitra
Prof. A.K. Gupta
Prof. D.P. Bisen
Prof. Preeti K. Suresh

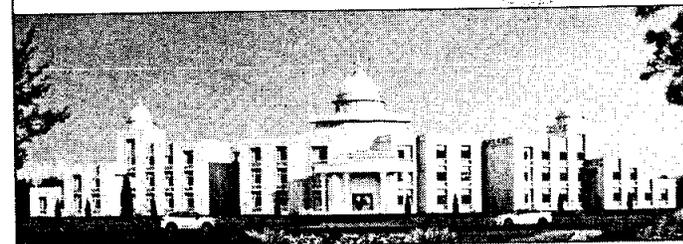
Organizing Committee:

Convener: Prof. S.K. Jadhav
Organizing Secretary: Prof. Keshav Kant Sahu
Joint Secretaries: Dr. Afaque Quraishi
Dr. K.K. Shukla
Dr. Shekhar Verma

Treasurer: Dr. N.K. Chandrawanshi

Address for Correspondence:

Organizing Secretary
Nat. Conf. Rec. Adv. & Tren. Biotech.
School of Studies in Biotechnology
Pt. Ravishankar Shukla University
Raipur 492 010, Chhattisgarh
Phone: 0771-2263022 (O), 09827114218 (M),
09425228966 (M)
E-mail: bioconf2020@gmail.com

**National Conference
on****Recent Advances & Trends in Biotechnology**

10 - 12 January 2020



Sponsored By
University Grants Commission
New Delhi

Organized By
School of Studies in Biotechnology
Pt. Ravishankar Shukla University
Raipur 492 010, Chhattisgarh

In Collaboration With
Pt. Deendayal Upadhyay Memorial
Health Science & Ayush University
of Chhattisgarh, Raipur



About Seminar

The focal theme of biotechnology is to cater the day to day needs of human beings and their betterment. Therefore, it becomes important to be updated time to time with the advances made recently in distinguished domains of this subject. The three days National Conference will cover recent trends and, developments made in the various disciplines of biotechnology. This conference will attempt to fulfill the knowledge gap existing between the students and faculties/scientists of biotechnology, and provide a suitable platform for exchange of ideas as well as open up possibilities of collaborative and interdisciplinary research.

Objectives

- To generate knowledge regarding propagation practices and analyses of bioactive ingredients of important medicinal plants.
- Conserve threatened and rare flora and fauna.
- Identification of microbial communities for their therapeutic and industrial exploitation.
- Development of green fuel as an alternative source of energy.
- Usage of bio-remediation strategies to make the existing environment cleaner.

Thematic areas

- Biodiversity and its Conservation
- Bioremediation
- Ethnomedicine
- Microbial Biotechnology
- Alternate Sources of Energy
- Herbal Technology
- Plant Biotechnology
- Free Sessions in the Folds of Biotechnology

Call for abstract

The National Conference invites the abstracts from the delegates of all over the country including guest/invited speakers, faculties, research scholars and post graduate students from different organizations, and entrepreneurs. Each technical session will comprise of invited lectures, oral and poster presentations. The conference will a suitable forum for sharing of new advances, current trends and research conclusions.

For any thematic area abstracts may strictly be submitted via E-mail at bioconf2020@gmail.com. Abstracts (not more than 300 words) should be prepared using Times New Roman (12pt) and single line spacing. Title should be in bold. Abstracts should be free from plagiarism. Mention names of the authors, affiliation and mail ID of corresponding author. Underline the name of presenting author. Abstracts must have background of the work, methods, results and conclusions. The dimensions of the poster should not exceed 30 inches wide and 40 inches high.

About Raipur

Raipur is the capital city of the state of Chhattisgarh. It is important in both historical and archeological point of view. Raipur is located about 300 kms from Nagpur in the East on the Mumbai-Kolkata trunk line. It is well connected with major cities of India by air, rail and road transport. In January, the climate of Raipur is pleasant. Normal winter clothing and other outfits will suffice.

About University

Pt. Ravishankar Shukla University is the largest, oldest and NAAC accredited "A" Grade institution of higher education in Chhattisgarh, founded in 1964. The university presently comprising of 30 teaching departments with advanced academic courses and is involved in research at the National and International levels.

About Department

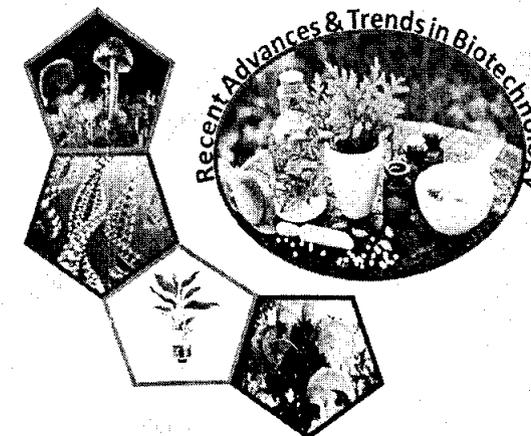
School of Studies in Biotechnology came into existence with the immense effort of our former Head Prof. K.L. Tiwari, under the faculty of Life Sciences. The foundation of the School has been made in 2004, comprising different branches of Biotechnology. Since then, the school is progressing towards its heights. The school runs Post Graduate, M. Phil. and Ph. D. programs. The faculties of this school are pursuing research activities actively in diverse fronts of biotechnology viz.; Bioprocess Engineering, Plant Biotechnology, Bio-fuels, Enzyme Technology, Abiotic Stress Biology, Bioremediation, Fungal Taxonomy, Mushroom Technology and Aerobiology.

Registration Fee (On or Before November 30, 2019)

PG Students	Rs 1000.00
Ph.D./ M.Phil. Scholars	Rs 1500.00
Faculties/ PDFs	Rs 2000.00

Dates to be remember

Abstract Submission	November 30, 2019
Acceptance Notification	December 15, 2019
Registration	November 30, 2019



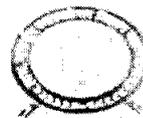
56th ANNUAL CONVENTION OF CHEMISTS 2019
&
International Conference on Recent Trends in
Chemical Sciences

November 14-16, 2019



Hosted by

School of Studies in Chemistry
Pt. Ravishankar Shukla University
Raipur-492 010, Chhattisgarh
Website : www.prsu.ac.in



Co-Hosted by

Govt. Nagarjuna P.G. College of Science
Raipur-492 010
Chhattisgarh

Co-sponsors

Department of Science & Technology, New Delhi
Council of Scientific & Industrial Research, New Delhi
University Grants Commission, New Delhi
Institution of Chemists (India), Kolkata



Organised by

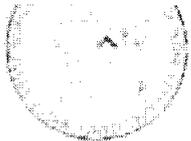
INDIAN CHEMICAL SOCIETY
92, Acharya Prafulla Chandra Road
Kolkata-700 009

Website : www.indianchemicalsociety.com
E-mail : indi3478@dataone.in



Venue

Pt. Ravishankar Shukla University
Raipur-492 010, Chhattisgarh


10

CHEMICAL RESEARCH SOCIETY OF INDIA
CHHATTISGARH LOCAL CHAPTER
CELEBRATING 150 YEARS
OF THE PERIODIC TABLE

6th April, 2019

SPECIAL LECTURE
"PERIODIC TABLE @ 150: SOME STORIES"



PROFESSOR V. CHANDRASEKHAR

DIRECTOR

TIFR CENTRE FOR INTERDISCIPLINARY SCIENCES, HYDERABAD

FORMER DIRECTOR: NISER, Bhubaneswar

Organized By

SCHOOL OF STUDIES IN CHEMISTRY

PT. RAVISHANKAR SHUKLA UNIVERSITY,

10

16

**CHEMICAL RESEARCH SOCIETY OF INDIA
CHHATTISGARH LOCAL CHAPTER
CELEBRATING 150 YEARS OF THE PERIODIC TABLE**

6th April, 2019

Time : 4 PM

LECTURE "PERIODIC TABLE @ 150: SOME SPECIAL TOPICS"

PROFESSOR V. CHANDRASEKHAR

DR, TIFR CENTRE FOR INTERDISCIPLINARY SCIENCES, HYDERABAD

FORMER DIRECTOR: NISER, Bhubaneswar

◆◆◆ Organized By ◆◆◆

SCHOOL OF STUDIES IN CHEMISTRY

ANKAR SHUKLA UNIVERSITY, RAIPUR, CHHATTISGARH

2019
IYPT



**Registration Form
National Conference
on**

**“Recent Trends in Cyber Security”
(5th to 7th February, 2020)**

1. Full Name (in Block Letters)

2. Age: _____ Sex: _____ (Male/Female)

3. Designation: _____

4. Institutional affiliation with postal
Address: _____

5. Mobile No.: _____

6. Email: _____

7. Title of Paper: _____

8. Accommodation required Yes / No

9. Registration fees: _____

Transaction ID: _____

Dated: _____

Amount: _____

Name of the Bank: _____

Signature of the Applicant



**National Conference
on**

**“Recent Trends in Cyber Security”
(5th to 7th February, 2020)**

To

From :-

Dr. Sanjay Kumar

Convener, NCCS2020

SoS in Computer Science & IT,

Pt. Ravishankar Shukla University,

Raipur (C.G.), India, 492010

6
3.3.2
Comp. Sci.



**National Conference
on**

**“Recent Trends in Cyber Security”
(5th to 7th February, 2020)
Raipur (C.G.), India**

**Sponsored by
University Grants Commission**

Patron

Prof. Keshari Lal Verma
Vice Chancellor

Pt. Ravishankar Shukla University, Raipur
(C.G.)

Convener

Dr. Sanjay Kumar
Head, SoS in Computer Science & IT,
Pt. Ravishankar Shukla University, Raipur
(C.G.)

Organizing Secretary

Dr. V. K. Patle
SoS in Computer Science & IT,
Pt. Ravishankar Shukla University, Raipur
(C.G.)

Organized by

SoS in Computer Science & IT,
Pt. Ravishankar Shukla University,
Raipur (C.G.), India. Ph: - 0771-2262658

Venue

Seminar Hall

**SoS in Computer Science & IT,
Pt. Ravishankar Shukla University, Raipur
(C.G.)**

Objectives of Conference:

Cyber security is the practice of protecting systems, networks and programs from digital attacks. Cyber security is important because government, military, corporate, financial and medical organizations collect, process and store unprecedented amounts of data on computers and other devices. The scope of this conference is to provide a national forum for the exchange of ideas among interested researchers, students, developers and practitioners in the area of Cyber Security. The conference will hold a technical program, panel discussions, key note addresses and many more.

Sub Topics :

- Cyber Security Emerging Threats
- Cyber laws
- Protecting Intellectual Property Rights in Cyberspace
- 5G & Emerging Challenges in Cyberspace
- Ramifications of Big Data Analytics for Cyber Ecosystem
- Security in Cloud Computing
- Cyber Terrorism & Cyber Radicalization
- Challenges before Law Enforcement Agencies in obtaining cyber crime convictions
- Cybercrime Capacity Building
- Cyber Ethics in Today's Cyberspace
- Role of Industry and Public Private Partnership in Cyberspace
- Cyber Security & Outer Space
- Regulation of Cyber Security
- New Emerging Trends in Cybercrimes
- Emerging Trends on Cyber Sovereignty
- Cryptography
- Crypto Assets and Crypto Currencies Regulation
- Advance Computing for Cryptography
- Web Security
- Digital Forensic
- Internet of Things
- Protecting Online Reputation
- Digital Identity, its preservation and challenges
- Any other relevant areas

Guidelines for Author:

People interested in presenting / demonstrating their work should submit their paper in the IEEE format.

Length : Not more than 5 pages.

Title : The title should be brief. Paper should strictly follow IEEE format with Abstract, Headings, Format, Margins, Font, Spacing, References.

IMPORTANT DATES :

Last date of paper submission	25th Jan. 2020
Notification of acceptance of the Paper	31st Jan. 2020
Conference dates	5th to 7th Feb. 2020

About Pt. RSU :

This University is named on the first Chief Minister of Madhya Pradesh Pt. Ravishankar Shukla which was constituted in the year 1964 in Raipur. The campus of this university is spread in 300.16 acres of land having 30 teaching departments in various disciplines in the university campus. This is one of the largest and the oldest university in Chhattisgarh. The university has its alumnus in all the major areas of national and international level like political, administrative, educational, cultural, economic and industrial sector.

About Department :

The department was established in 1992 under the aegis of this University and with the support of UGC. It is working as an academic department of the University and also providing central computing facility. Currently the Department is conducting Master of Computer Applications (MCA) three years full time program, Master of Science in Information Technology (M.Sc.IT) two years full time program and Ph.D.

Registration Fee : Registration fee is Rs. 500/- (Five hundred only) for students, Rs. 750/- (Seven hundred fifty only) for Research Scholar, Rs. 1000/- (One Thousand only) for academicians and Rs. 1500/- (One thousand Five hundred only) for industry participants, payable online at SBI, RSU Branch, IFSC Code **SBIN0003739**, Bank account No. **10049611158**, in favour of Head, SoS in Computer Science, Pt. RSU, Raipur.

Submission Process : Papers can be submitted online through easy chair using conference website : <http://www.prsu.ac.in/conference/nccs2020.html> However, in case of difficulty papers can be directly e-mailed at: nccs20sos@gmail.com

Accommodation: Accommodation can be arranged for outstation participant in nearby guest house/hotels. Participants are required to inform the convener, if they need accommodation well in advance. Tariff will be informed as per request.

Conference Proceeding : Accepted papers will be published in the Proceedings of the conference and will be uploaded in the university website.

Organizing Committee

Ms. Anita Toppo

Mr. Mukti Prakash Tigga

Mr. Ramesh Raj Dhruwe

Mr. Dhammpal Ramtake

Mr. Deepak Kumar Deshmukh

Miss. Rubi Kambo

Mr. Ramakant Prasad

Mr. Rahul Kumar Singh

Mr. Harish Kumar Pandey

Contact Person :

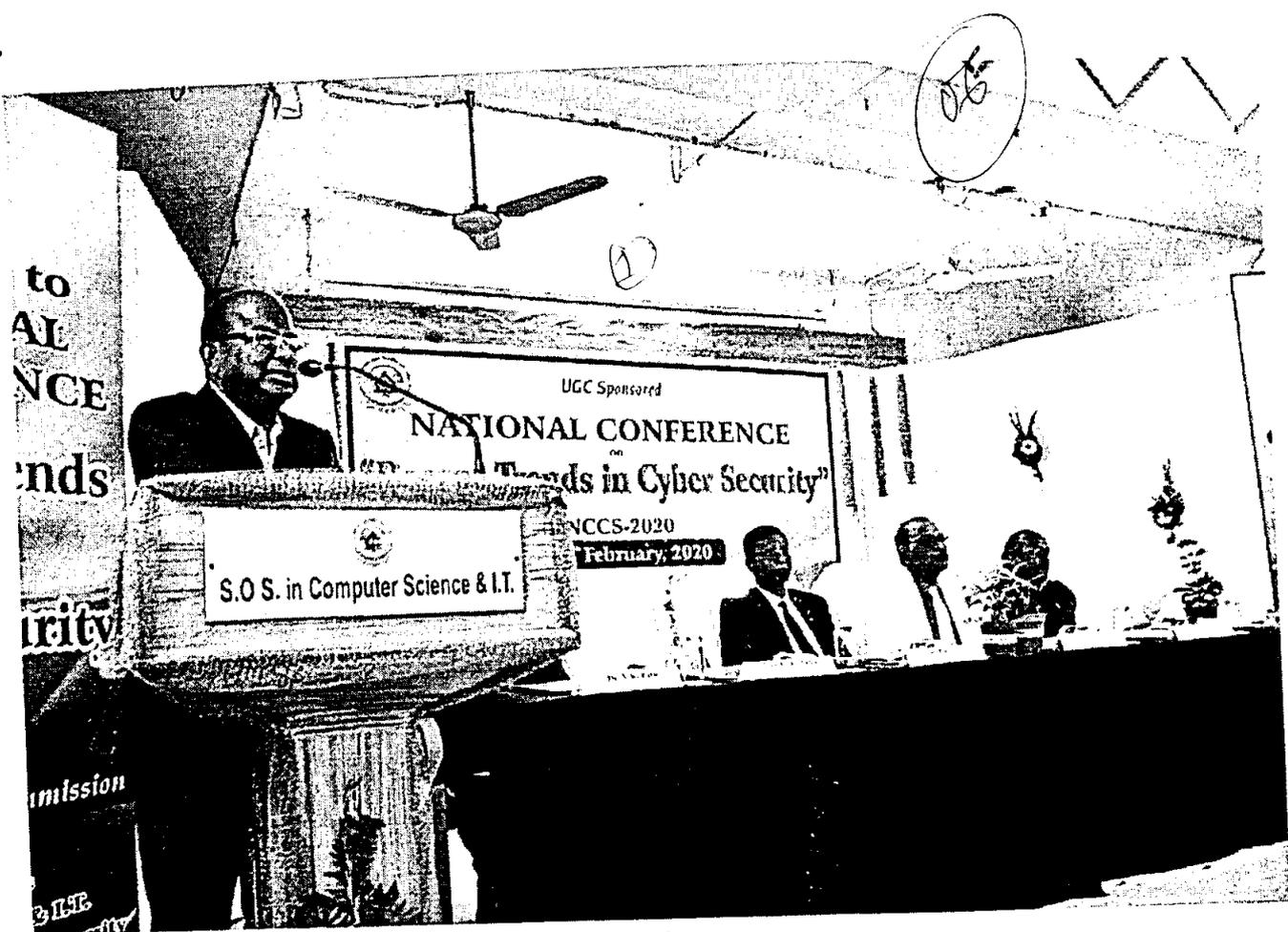
Dr. Sanjay Kumar (Coordinator)

E-mail:-nccs20sos@gmail.com

Mob: -9827172100, 0771-2262658


HEAD

SoS in Computer Science & IT
Pt. Ravishankar Shukla Univ.



The Computer Science and IT department of the Pt. Ravishankar Shukla University, Raipur is organizing a three days "National Conference on Recent Trends in Cyber Security". On the first day, the chief guest of the event, Dr. P. K. Sinha, Vice Chancellor and Director, IIIT Raipur, said that the internet of the future will be based on the Internet of Things (IoT). IoT enables objects to absorb and transmit information automatically while the current internet is controlled by us. He highlighted the need for enforcement of more effective Cyber Laws.

The program was presided over by the Vice Chancellor of the University, Prof. K.L. Verma. He highlighted the importance of information technology in today's social and economic environment. He said that it is vital that the information shared over the internet should be monitored and safeguarded with responsibility. Otherwise it can have grave consequences. It is in this spirit, this conference on Recent Trends on Cyber Security, organized by the department of Computer Science and IT, is a commendable effort.

The keynote speaker of the program was Dr. Sanjay Kumar Dhurandhar of the Netaji Subhash University of Technology, New Delhi. He enlightened the audience with key aspects of the I.T. Act 2000, and said that according to the act an e-mail is also a legal document. He advised everyone to use total security software instead of just simple antivirus software.

Dr. P. K. Sinha
 Vice Chancellor & Director
 IIIT Raipur
 Pt. Ravishankar Shukla University,
 Raipur (C.G.)

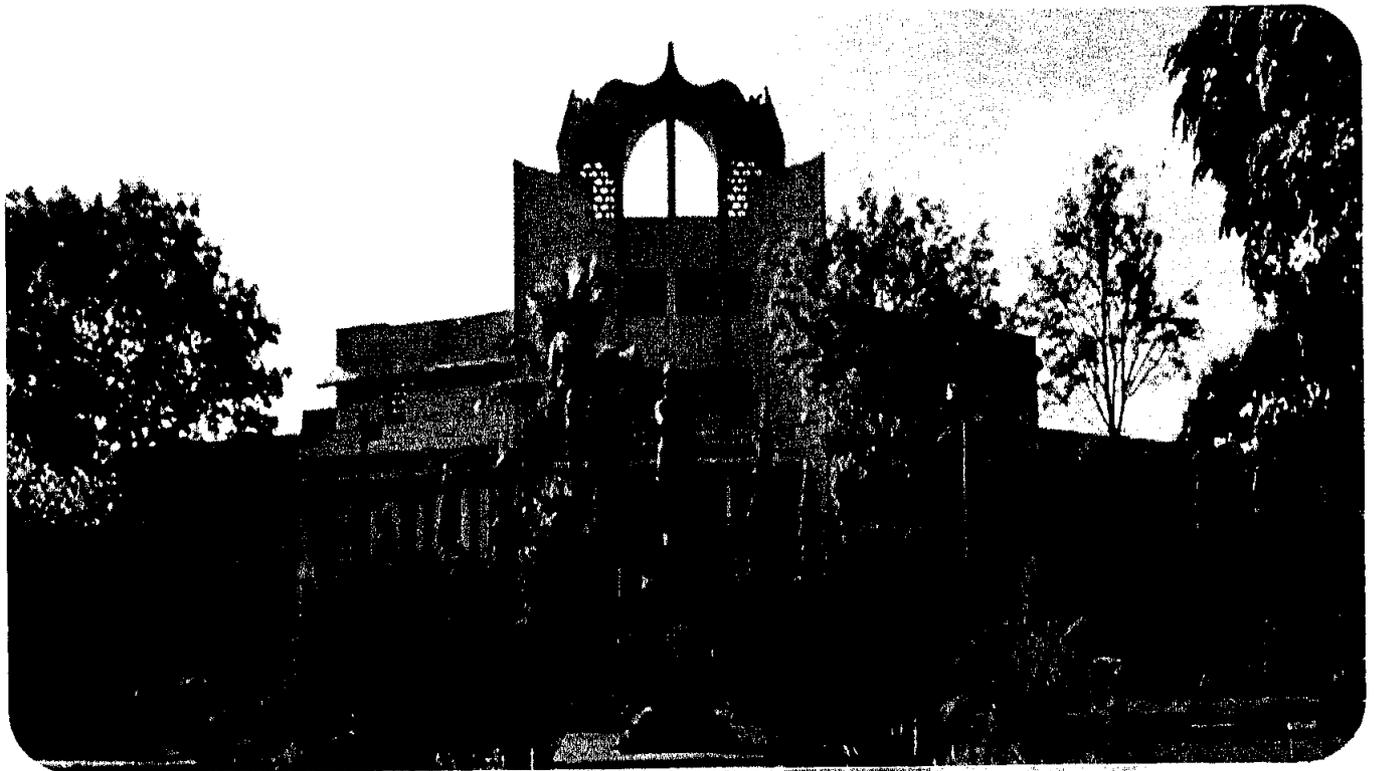


Pt. Ravishankar Shukla
University, Raipur (C.G.)

Indian Economic Association

102nd

*Annual Conference of
The Indian Economic Association
December 27-29, 2019*



Organized by

School of Studies in Economics
Pt. Ravishankar Shukla University, Raipur
Pin- 492010, Chhattisgarh, India
<http://www.prsu.ac.in>

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UGC HUMAN RESOURCE DEVELOPMENT CENTRE
Pt. Ravishankar Shukla University, Raipur Chhattisgarh

Workshop on MOOCs, E-content Development and Open Educational Resources 19-24 August, 2019

OVERVIEW OF WORKSHOP :

With the objective to enhance the quality of teaching in the country, the MHRD is emphasizing on the use of the Massive Open Online Courses platform SWAYAM to update the teaching technique of 1.5 million higher education faculty with the focus on new and emerging trends. Massive Open Online Course (MOOC) and e-content generation contribute significantly towards honing creative thinking and innovative learning among the students and at the same time help the faculty to update their knowledge and skills through such faculty development programmes. Massive Open Online Courses (MOOCs) are gaining traction all over the world to provide unlimited participation and open access to quality education via web. The visitors to the top three MOOCs platforms (Swayam, Udemy, FutureLearn Coursera and edX) are from the United States, followed by visitors from India. This shows the tangible interest in MOOCs in India with their cost effectiveness and potential to reach a large number of learners. MOOCs provide us the opportunity to broaden the access to quality education at all levels.

The main objective of the workshop is to sensitize the teaching faculty of colleges and universities about the advantages of **e-learning** and to encourage them towards planning, designing, developing, delivering and implementing MOOCs and other Open Educational Resources (OER) so that they can keep pace with digital revolution of the twenty first century in which technology is blended with traditional teaching-learning pedagogies for better learning outcomes. The workshop is designed to raise the capacity of the faculty to use MOOC platform for effective delivery of courses in higher education in blended as well as online modes. This workshop is a great starting point for effective teaching in the 21st century learning environment.

The MHRD, under its National Mission on education through ICT has developed around 10,000 plus modules in 57 subjects which are available on the "ePG Pathshala website" as Open Educational Resource to be used as a supplementary reading material. Open Access Educational Resources as e-PG Pathshala, Vidya-Mitra Portal , SWAYAM MOOCs Courses

This workshop will address various issues relating to planning, developing, delivering and managing online courses in the context of higher education institutions. The workshop will help the delegates to understand the role and application of MOOCs and other Open educational resources to bring the effectiveness in the delivery of education. The workshop will also look at the platforms available for launching online/MOOCs and the problems/challenges involved in the course delivery. Furthermore, the workshop will attempt to develop skills for designing courses and its delivery through network of individuals and institutions.

LEARNING OBJECTIVES:

The primary objective of this workshop is to introduce MOOCs pedagogy and the open source educational platforms to the University and College teachers. Participants will develop their insights into the challenges and potentials of MOOCs. They will acquire practical understanding of the existing open source MOOCs platforms, which helps them to develop effective MOOCs suited for their audience. Some other objectives are:

- To enable how a lecture could be restructured into short, self-contained segments with high interactivity to engage students more effectively
- To enable participants to learn using FOSS tools through hands-on-experience
- To train the participants to use MOOC as an adjunct to face-to-face teaching and to teach in a fully online or distance learning context and to get a feel for how their courses could be enhanced using Moodle-MOOC platform;
- to understand the process of planning, designing and implementing online courses in line with SWAYAM MOOC requirements
- to create better and active communication and collaboration with the students and to design and manage learning assessment using Moodle MOOC Platform

COURSE CONTENT & TOPICS

Major Topics Covered in the Workshop:

- Introduction to e-Learning, Tools & techniques, standard to create e-content;
- e-Content projects in India;
- Introduction to MOOCs and its platforms;
- Features and Functionalities of MOOCs;

- Pedagogical framework for MOOCs
- Assessment, Certification and Recognition under MOOCs Courses
- Role of faculty in blending MOOCs in regular Curriculum.
- Benefits and scope for teaching community.
- Best practices in implementing MOOCs and Open Educational resources

REGISTRATION AND ACCOMMODATION Registration for eligible teachers of colleges and Universities interested to participate in the workshop will be on a first come first served basis with a maximum limit of 40 participants. Selected participants will have to pay registration fee (nonrefundable) of **Rs. 1000/-** by Demand draft in favour of Registrar, Pt. Ravishankar Shukla, University, Raipur. Selected out station participants will be given boarding & Lodging in the Guest House as per HRDC norms. Participants should bring laptops. Duly filled in registration forms should be submitted to Dr. Sanjay Tiwari at mooctrsu@gmail.com with a hard copy sent by Speed Post to The Director, HRDC, Pt. Ravishankar Shukla, University, Raipur 482010 on or before **10th Aug. 2019**. Please note that there will be no on-the-spot registration.

VENUE & ABOUT THE HOST

The Venue is UGC Human Resource Development Centre of Pt. Ravishankar Shukla University, Raipur which is mainly entrusted with the responsibility of organizing in-service training programmes for teachers of colleges and Universities. Pt. Ravishankar Shukla University is Chhattisgarh's largest and one of the oldest institutions of higher education, founded in 1964. The university has a sprawling campus in the western part of the capital of Chhattisgarh, Raipur. Raipur is important from historical and archaeological point of view. It is linked to the rest of the country by road, rail and air. It is well connected with Mumbai, Delhi and all metro cities by regular flights and is on the main Howrah-Mumbai railway route. The institute is 5 km from the Raipur railways station and 18 km from airport on NH-6, the Great Eastern Road.

KEYCONTACT PERSONS

- **Prof. A.K.Gupta : Director ,HRDC (akguptarsu@gmail.com)**
- **Dr. Sanjay Tiwari, Workshop Coordinator (94242-25771)**
- **Dr.Arvind Agrawal Assistant Director, HRDC (9754233057)**
- **Dr. Brijendra Pandey Assistant Director, HRDC (9827159831)**



UGC HUMAN RESOURCE DEVELOPMENT CENTRE
Pt. Ravishankar Shukla University, Raipur Chhattisgarh
Workshop on MOOCs, E-content Development and
Open Educational Resources
19-24 August, 2019

Application Form for Refresher Course/Orientation
Programme/Summer School/Winter School/ Short Term Course

1. Name (In capital letters) : _____
2. Designation : _____
3. Department / Centre/ Institute :
4. Date of Appointment as Assistant Professor: _____
5. Community (UR/SC/ST/OBC)
6. Nature of Appointment : Permanent / Contractual/Temporary
7. Teaching Experience : **UG: Years PG: Years**
8. Name of the Institute :
9. Name of the Department

10. Nature of the Institution (Tick box)

11. Status of the institution (Tick box)

University	<input type="checkbox"/>	College	<input type="checkbox"/>	Institution	<input type="checkbox"/>	Any other (Specify)	<input type="checkbox"/>
Central	<input type="checkbox"/>	State	<input type="checkbox"/>	Aided	<input type="checkbox"/>	Deemed	<input type="checkbox"/>
						Private	<input type="checkbox"/>

12. Whether recognized by UGC?

(under Section 2f & 12B or
 affiliated to a University for at least 5 years)

13. Have you attended any Refresher Course/Orientation Programme/Summer School/Winter School/ Short Term Course so far? If yes, give details, name and address of the Academic Staff College (ASC)/Human Resource Development Centre (HRDC)/Institute.

Sl. No.	Name of the Course/Workshop/Seminar	ASC/ HRDC/ Institute	Duration of the programme

14. Address for communication : _____

P.O. & District _____
 State & Pin code _____
 15. Mobile No & Alternate No. _____
 16. Email ID: _____
 17. Knowledge of ICT : Beginner / MS Office / Web / Wiki
 18. Whether you require University accommodation : Yes / No
 19. Academic record : Master's Degree Subject _____ Year _____
 Topic of PhD Thesis _____
 20. Any other information : _____

Declaration of Applicant

I certify that the above information and particulars are correct to the best of my knowledge and I will be responsible for any lapse.

Place _____
 Date _____

(Signature of the Applicant)

RECOMMENDATION OF THE FORWARDING AUTHORITY

The application of Mr/Ms/Drfor the Workshop on MOOCs, E-content Development and Open Educational Resources is forwarded and recommended for consideration. He / She will be relieved on time to participate in the above course at UGC - Human Resource Development Centre, PRSU, Raipur, if selected. I hereby certify that our College comes under the purview of Section 2 (f) & 12 (b) of the UGC Act Or/and affiliated to _____ University for the last five years. Also certified that the details mentioned in the Application Form by him/her were verified and found correct. .

Place: _____
 Date: _____

Signature of Registrar /Principal
 With Stamp

(Name: _____)

Recommended for Approval/Not Approval

Approved/Not Approved

Note: Selected participants will have to pay registration fee (nonrefundable) of **Rs. 1000/-** by Demand draft in favour of Registrar, Pt. Ravishankar Shukla, University ,Raipur

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Invitation

Institute of Renewable Energy Technology &
Management
&

S.O.S. in Electronics & Photonics
Pt. Ravishankar Shukla University, Raipur

Cordially invites you for a one day Workshop on

FOLDSCOPE: An Educational & Research Tool

Resource Person: **Dr. Anupama Harshal**
Indo-US Foldscope Grant Awardee
University of Mumbai, Mumbai

Date : Monday, 30th September 2019 at 2:00 PM
Venue : Seminar Hall, IRETM, NCNR Block

Hon'ble Vice-Chancellor
Prof. Keshari Lal Verma
Pt. Ravishankar Shukla University, Raipur
will preside over the function

Prof. Sanjay Tiwari
Professor, Head & Coordinator
Institute of RETM
S.O.S. in Electronics & Photonics

Prof. Girish Kant Pandey
Registrar
Pt. Ravishankar Shukla University
Raipur

Workshop on Foldscope at PRSU today

■ Aim of this low cost instrumentation workshop is to apply a frugal technology to make students love science, enjoy science

■ Staff Reporter
RAIPUR, Sept 29

INSTITUTE of Renewable Energy Technology & Management (IRETM) along with School of Studies (SoS) in Electronics and Photonics of Pt Ravishankar Shukla University (PRSU), Raipur are organising one day Workshop on Foldscope, an educational and research tool' on September 30.

Resource Person for the workshop is Dr Anupama Harshal (Indo-US Foldscope Grant

Awardee), KC College, University Of Mumbai. The Co-ordinator of workshop Professor Sanjay Tiwari said that the aim of this low cost instrumentation workshop is to apply a frugal technology to make students love science, enjoy science and ultimately cultivate a scientific temper. The students will learn fabrication of foldscope that's affordable and, more importantly, easy to carry between home and school. He said that the Foldscope is an origami based optical microscope that can be assembled from a sheet of paper in less than 10 minutes. It can provide over 2,000x magnification with submicron resolution, weighs less than two nickels (8.8 g), is small enough to for pocket (70x20x2 mm³), requires no external power and

can survive being dropped from a 3-storey building or stepped on by a person.

The workshop will provide awareness and hands-on training on Foldscope and its potential applications in biodiversity, ecology, agriculture and micro-organisms in human health. The microscope can be used both as an education and research tool.

Teachers trained at the workshop will take Foldscopes to their colleges and schools and make students use them to learn science and also create health awareness around their homes. Children are encouraged to make their own slides to be viewed through Foldscope.

The Deputy Co-ordinator of workshop Dr Alka Panda said that microscope will make children learn science better

by directly looking at things they normally see in textbooks for better understanding of science.

The hands-on workshop will cover different modules such as visualisation of unicellular and multi-cellular cells like bacteria, fungus, protozoans, plant cells, animal cells, arthropods and exopolymeric substances.

Frugality, crafting inexpensive knock-offs and making do with little may be the ethos of India's pharmaceutical industry, its manufacturing sector and the spirit with which our scientists conduct their research, but an Indian-origin bio-engineer at Stanford University has won one of America's grandest prizes - the MacArthur 'Genius' grant - worth Rs 4 crore for designing a \$1 microscope.

हर बच्चे की जेब में हो माइक्रोस्कोप इसलिए फोल्डस्कोप का हुआ अविष्कार

www.navabharat.org

आयोजन

- स्थिति में फोल्डस्कोप पर कार्यशाला का आयोजन
- इलेक्ट्रॉनिक्स एवं फोटोनिक विभाग तथा अक्षय ऊर्जा प्रौद्योगिकी व प्रबंधन संस्थान का संयुक्त आयोजन

यू. एच.एस.के. सुबल विश्वविद्यालय के इलेक्ट्रॉनिक्स एवं फोटोनिक विभाग अध्ययनशाला तथा अक्षय ऊर्जा प्रौद्योगिकी एवं प्रबंधन संस्थान के संयुक्त तत्वावधान में फोल्डस्कोप पर कार्यशाला का आयोजन किया जा रहा है. फोल्डस्कोप के अविष्कार और इसके उपयोग की जानकारी देते हुए कार्यशाला के समन्वयक डॉ. सचय शिवासे ने बताया कि भारतीय वैज्ञानिकों को आम जनता से फोल्डस्कोप की खोज की थी. वे वर्तमान में स्टैनफोर्ड विश्वविद्यालय अमेरिका में कार्यरत

जलरोधी कागज से बना होता है, जो सूक्ष्म दुनिया के चमत्कारों को बढ़ाता है. एक पारंपरिक माइक्रोस्कोप महंगा और भारी होता है, जबकि फोल्डस्कोप बहुत हल्का और सस्ता है.

फोल्डस्कोप विज्ञान प्रयोगशालाओं से बाहर और दुनियाभर के हाथों में माइक्रोस्कोप लाने के लिए डिजाइन किया गया है. फोल्डस्कोप को किसी भी स्मार्टफोन से जोड़कर अति सूक्ष्म जीवों के चित्र लिए जा सकते हैं. यह सूक्ष्म जीवों के अध्ययन में बड़े कारगर सिद्ध होगा.

दुनिया के हर बच्चे की जेब में एक माइक्रोस्कोप होना चाहिए. फोल्डस्कोप एक पोर्टेबल, मजबूत और बहुमुखी माइक्रोस्कोप है. यह

कम कीमत में आनलाइन उपलब्ध है फोल्डस्कोप

कार्यशाला के समन्वयक डॉ. सचय शिवासे ने बताया कि कागज से बना फोल्डस्कोप बहुत छोटे से दुनिया को बड़ा दिखा सकता है. कार्यशाला के अंत में फोल्डस्कोप का उपयोग करके प्रयोगशाला में सूक्ष्म जीवों के चित्र लिए जा सकते हैं. कार्यशाला के अंत में फोल्डस्कोप का उपयोग करके प्रयोगशाला में सूक्ष्म जीवों के चित्र लिए जा सकते हैं.

अमेरिका में फोल्डस्कोप का अविष्कार करने वाले को माइक्रोस्कोप प्रदान करने का और कम कीमत में विज्ञान के प्रति लक्ष्मी बाबा के विचारों का उभार करने है कि विश्व भर में हर बच्चे की जेब में मौजूद होती है. उसी तरह



SSA



IITBX

Invitation

Institute of Renewable Energy Technology &
Management
&

S.O.S. in Electronics & Photonics
Pt. Ravishankar Shukla University, Raipur

Cordially invites you for the Inaugural Ceremony of

**STUDENT SOLAR LAMP ASSEMBLY
WORKSHOP (GGSY, SSA-2019)**

Chief Guest: Hon'ble Shri S.K. Shukla
Chairman, Chhattisgarh State
Power Companies, Raipur (C.G.)

Date: Tuesday, 15th October 2019 at 10:00 AM

Venue: Sir Jagdish Chandra Bose Hall,
S.O.S. in Life Sciences, Pt. R.S.U, Raipur

Hon'ble Vice-Chancellor
Prof. Keshari Lal Verma
Pt. Ravishankar Shukla University, Raipur
will preside over the function

Prof. Sanjay Tiwari
Professor, Head & Coordinator
Institute of RETM
S.O.S. in Electronics & Photonics

Dr. S.K. Patel
I/C Registrar
Pt. Ravishankar Shukla University
Raipur

युवा. रोजगार. अवसर

विश्व समाचार अक्टूबर 03 अक्टूबर 2009

पहली बार... छात्रों ने असेंबल किए लाइट और जलते ही चेहरों पर आई चमक



सोलर लैंप बनाने के लिए 80 देशों के स्टूडेंट्स एक साथ जुटे, इनमें राज्य के 300 छात्र भी

अमेरिका, जर्मनी, इंग्लैंड, स्पेन, साउथ अफ्रीका के साथ रायपुर के स्टूडेंट्स ने दिखाया हुनर

छात्रोत्सव विशेष : रायपुर

सौर ऊर्जा से रोशनी बनाने के लिए एक साथ 80 देशों के स्टूडेंट्स जुटा जूटे। इनमें से हमारे राज्य के भी 300 छात्रों ने हुनर दिखाया। एक घंटे में ही 100 से अधिक लैंप असेंबल कर लिए। परीक्षाकार शुक्ल विद्युतविज्ञान में आयोजित सोलर लैंप असेंबल प्रशिक्षण कार्यक्रम में रायपुर जिले के स्कूल अन्य जगह के स्टूडेंट्स भी शामिल हुए।

विद्युत के अधिकारी ने बताया कि अमेरिका, जर्मनी, इंग्लैंड, स्पेन, इत्यादि अफ्रीका समेत अन्य देशों में भी सुधार की मांग लैंप असेंबल कार्यक्रम हुआ। फिनिश्टी और न्यू एंड डिप्लोमा एनर्जी और आईआईटी मुंबई की ओर से पूरे देशभर में करीब 3400 केंद्रों पर सोलर लैंप असेंबल का कार्यक्रम आयोजित किया गया। इन्फोमेटिक्स में संभवतः स्थिति ही एकमात्र बेट है जहां यह प्रशिक्षण कार्यक्रम आयोजित किया गया। कार्यक्रम प्रारंभ कॉलेज, कर्नामण्ड कॉलेज, टनी स्कूल, कुटहर सामुदायिक विद्यालय, मेटल स्कूल रायपुर समेत दुर्ग, पिण्डा व जाजमर चांच में भी स्टूडेंट्स शामिल हुए।

हजार छात्रों को देनी थी ट्रेनिंग, आवेदन मिले 1500



सोलर के प्रति अहिंसा पर कार्यक्रम

विद्युत के अधिकारियों ने बताया कि आईआईटी मुंबई में एनर्जी विभाग के कार्यक्रम के तहत फिनिश्टी में 80 से अधिक देशों की भागी थी। सोलर के प्रति अहिंसा के लिए इन देशों की जोड़ा। इस परिप्रेक्ष्य में न सिर्फ भारत में बल्कि अफ्रीका, जर्मनी, इंग्लैंड, स्पेन अफ्रीका समेत कई देशों में सोलर लैंप बनाने का प्रशिक्षण कार्यक्रम हुआ।

विद्युत के अधिकारियों का कहना है कि सोलर लैंप प्रशिक्षण कार्यक्रम पूरे देशभर में आयोजित किया गया। इसमें करीब दस लाख स्टूडेंट्स को शामिल करने का लक्ष्य रखा गया था। विद्युत में हजार स्टूडेंट्स को सोलर लैंप का प्रशिक्षण दिया जाना था। लेकिन इसके लिए विद्युत को करीब 1500 आवेदन मिले। इसी तरह कार्यक्रम को चार चरणों में बंट दिया गया। बुधवार को पहला कार्यक्रम हुआ। अब 5, 10 व 12 अक्टूबर को फिर से प्रशिक्षण कार्यक्रम होगा।

ट्रेनिंग में छात्रों ने सोलर लैंप असेंबल करने का हुनर सीखा। ऐसे ही प्रयासों से स्वरोजगार को बढ़ावा मिलेगा। इस तरह के कार्यक्रम और भी होने चाहिए।

- छात्रोत्सव संजय तिवारी, कर्नामण्ड रायपुर

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■
EXCLUSIVE
FOR THE
READERS IN

RAIPUR,
DURG &
BHILAI

TUESDAY, October 1, 2019

PRSU to train over 1,200 students...

towards solar energy will be organised on October 2, commemorating the 150th Birth Anniversary of Mahatma Gandhi. Dr Tiwari said during the workshop key issues such as adverse effects of climate change, clean energy access, reducing carbon footprint, renewable energy technologies, localization of energy for sustainability and energy-related issues will be discussed along with demonstration on the Solar Study Lamp assembly by participants. PRSU Vice Chancellor Professor Keshari Lal Verma said Gandhiji's philosophy "Not mass production but production by the masses is required" is relevant for the welfare of the country and this is right time to work on 'Energy Swaraj,' on the lines of Mahatma Gandhi's philosophy of 'Gram Swaraj'. Energy Swaraj is generation of energy by the communities for their consumption and needs.

This will be a mega – global event, which will be taking place in over 100 countries. School students shall assemble solar lamps in Pt Ravishankar Shukla University campus on October 2. The participating students will receive a certificate from.

Prof Chetan Singh Solanki, who teaches at IIT Bombay and is the founder of Gandhi Global Solar Yatra (GGSY), was inspired by Gandhian teachings of local self-sufficiency and sustainability to work on Energy Swaraj. "We need to demystify solar energy," says Prof Solanki, who aims to convince one lakh families to surrender their electrical connections and go off the grid on October 2, Mahatma Gandhi's 150th birth anniversary. On the same day, at the Jawaharlal Nehru Stadium in New Delhi, he will help 10,000 students make solar study lamps.

The solar man of India, Prof Solanki's trigger was a 2015 report about how most solar street lights in India did not work.

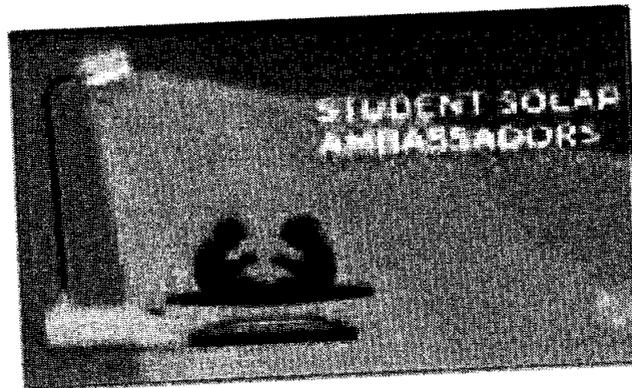
PRSU to train over 1,200 students as solar ambassadors under GGSY

- All students are registered at PRSU for the Solar Lamp Workshop which will be conducted in four phases on October 2, 5, 10 and 12

■ **Special Correspondent**
RAIPUR, Sept 30

MORE than 1,200 students are registered at PRSU for the Solar Lamp Workshop where they will be prepared as solar ambassadors. The workshop will be conducted in four phases on October 2, 5, 10 and 12 to impart training to all students.

Institute of Renewable Energy Technology & Management



(IRETM) and SoS in Electronics & Photonics, Pt Ravishankar Shukla University (PRSU), Raipur are workshop associates to an endeavour of Indian Institute of Technology (IIT) Bombay in sensitisation of over 1 million students towards adverse effects of climate change and making them future propagators of renewable energy, creating Global Student Solar Ambassadors for Gandhi Global Solar Yatra.

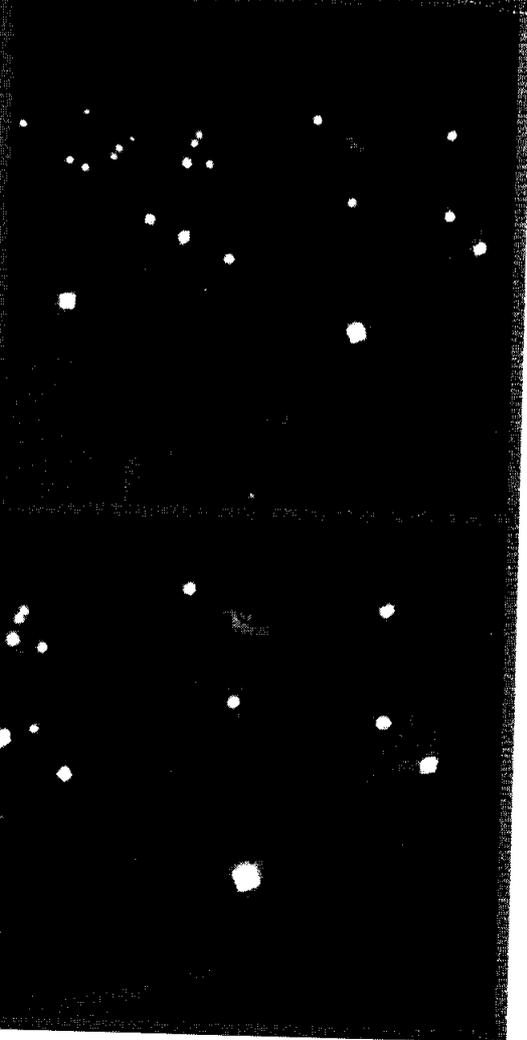
The Gandhi Global Solar Yatra (GGSY) is planned to promote

self-sufficiency in energy for sustainability by providing complete, cost-effective, reliable, and sustainable solar energy access while protecting the environment, creating livelihoods and empowering locals.

The workshop coordinator Professor Sanjay Tiwari, Head, SoS in Electronics & Photonics, said the Student Solar Ambassador Programme, the seed concept of the GGSY, aimed to sensitise the young (future) generations who will be bearing the maximum burden of climate change. Their sensitisation and participation as solar ambassadors in climate mitigation efforts will be important.

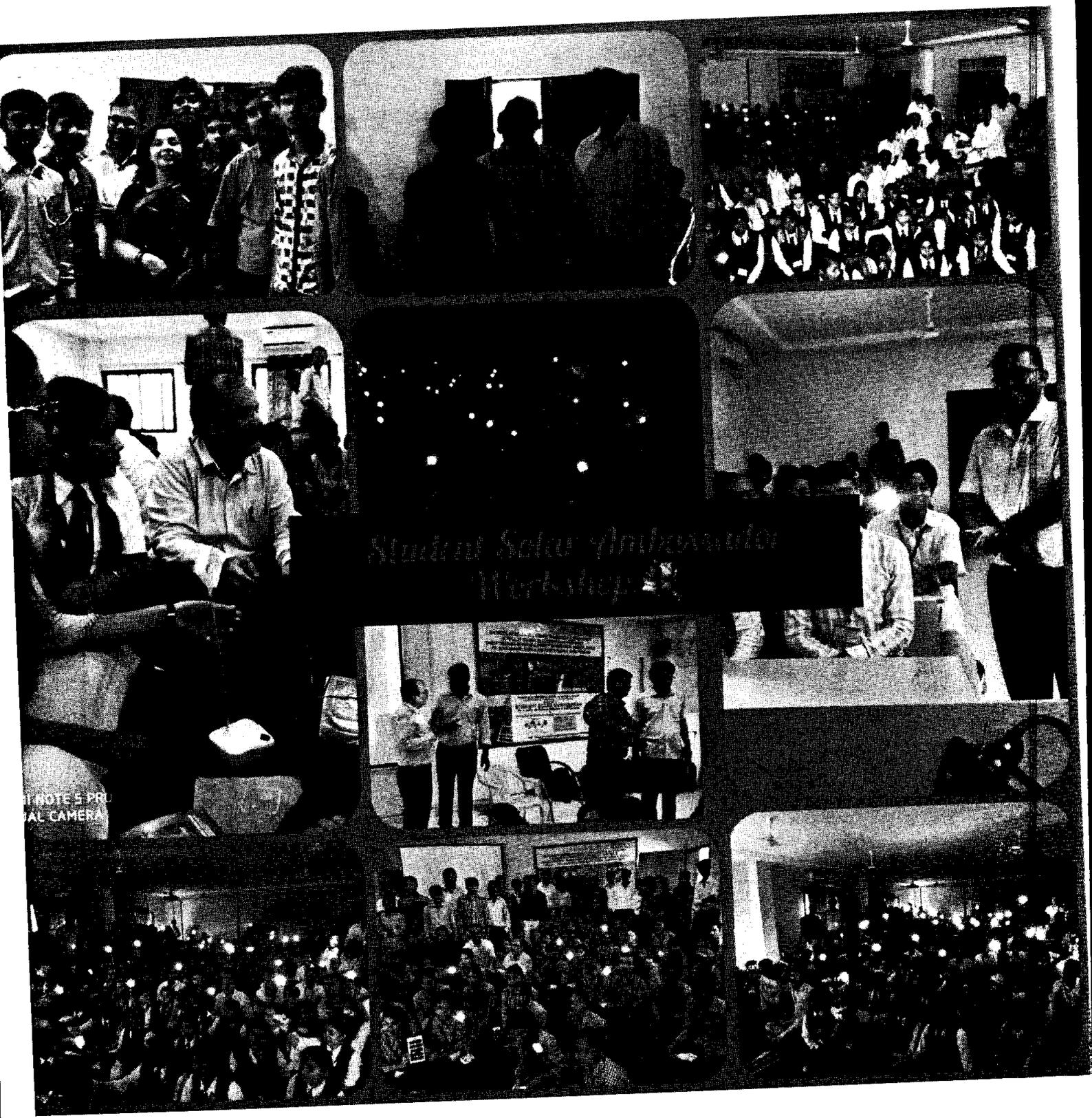
Here at PRSU a workshop to train students and sensitise them

(Contd on page 6)



*Student Solar Ambassador
workshop*





Student Self-Improvement
Workshop

NOTE 5 PRO
AL CAMERA

PRSU holds seminar on 'Recent Advances in Sensors for Human Healthcare'

■ The event marked the celebrations of 161st Anniversary of Acharya Sir Jagadish Chandra Bose

■ Staff Reporter
RAIPUR, Nov 29



PRSU Vice-Chancellor Professor K L Verma welcoming Professor (Dr) Corinne Dejous as Dr Jatinder Vir Yakhmi gestures during the seminar.

THE School of Studies (SoS) in Electronics & Photonics and Institute of Renewable Energy Technology & Management (IRETM) under the aegis of Public Outreach Centre, Pt Ravishankar Shukla University (PRSU), Raipur successfully organised a one-day International Seminar on Recent Advances in Sensors for Human Healthcare on Friday.

The event marked the celebrations of 161st Anniversary of

Acharya Sir Jagadish Chandra Bose.
Professor (Dr) Corinne Dejous Professor, Bordeaux INP/ENSEIRB-MATMECA FRANCE delivered lecture on

Resonant-wave based chemical microsensors for environmental pollutant monitoring. Dr Jatinder Vir Yakhmi, Former Associate Director, Bhabha
(Contd on page 6)

REGISTRATION FORM

scanned copy can be mailed to fdpe2020@gmail.com
Fill Google Form - <https://forms.gle/BtobSQKuEUQieugR8>

- 1.Name : _____
- 2.Father's/Husband's Name: _____
- 3.Designation : _____
- 4.Name of the Institution : _____
- 5.Address: _____

- 6.Phone No.: _____
(With STD Code)
- 7.Fax No.: _____
- 8.Mobile No.: _____
- 9.E-mail ID: _____
- 10.AADHAR No.: _____

(Xerox of Aadhar copy MANDATORY)

Place : _____ SIGNATURE: _____

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Authorization by the Principal/Head of the Institution

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SEAL OF THE INSTITUTE:



Two Weeks Faculty Development Programme on ENTREPRENEURSHIP

January 20th 2020 to February 1st 2020

Sponsored by

National Science & Technology Entrepreneurship Development Board
Department of Science & Technology Government of India, New Delhi

Organized by

Chhattisgarh Industrial and Technical Consultancy Centre (CITCON), Raipur Chhattisgarh

In Association with

Institute of Renewable Energy Technology & Management
School of Studies in Electronics & Photonics
Pt. Ravishankar Shukla University
Raipur Chhattisgarh

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Bright Ideas Registration Form

Online Registration by Google form@
<https://forms.gle/dHFoBTWsGliUoWaQ7>



BRIGHT IDEA COMPETITION FOR CREATING AWARENESS OF ENERGY CONSERVATION FEBRUARY 24, 2020

1. Name of the Participant :
2. Position Held :
3. Affiliation :
4. Address :
5. Contact :
6. Office :
7. Mobile :
8. Email-ID :
9. Participants Category : Research Scholar/Student
10. Signature of the Participant :

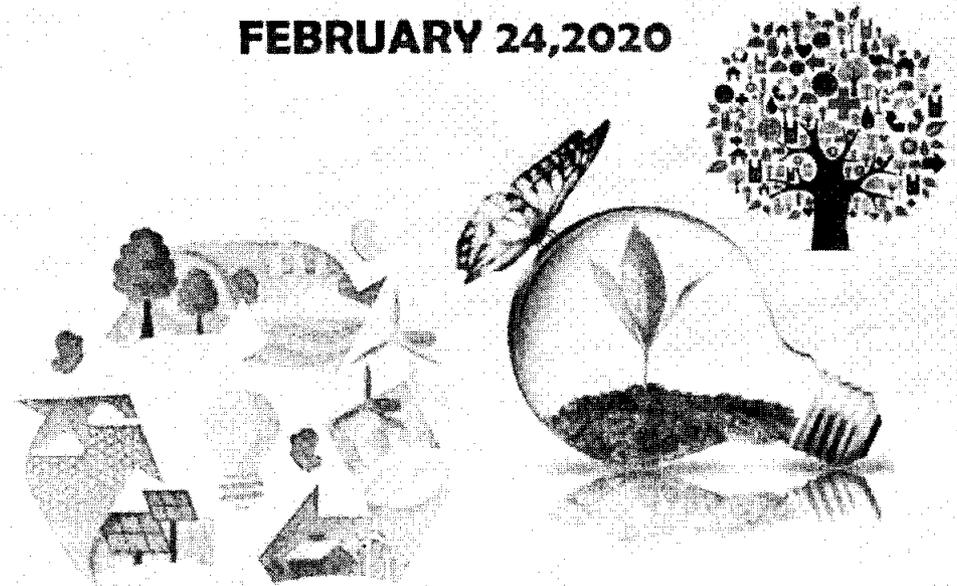
Place

Date

Forwarded by College/School

Signature

Seal



Organised by:

Chhattisgarh Renewable Energy Development Agency (CREDA),
Institute of Renewable Energy Technology & Management (IRETM) and
School of Studies in Electronics & Photonics, Pt. Ravishankar Shukla University, Raipur
in Collaboration with
Bureau of Energy Efficiency (BEE), Government of India

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110

About Programme

Entrepreneurship in recent times has become a serious area of study. It is considered to be a solution for creating wealth, generating employment and providing new goods and services. Developing the spirit of entrepreneurship among the young has become vital because of the government cannot provide jobs for all kinds of unemployed youth, the corporate sector will provide limited jobs only to the best and that too without any job security and lastly, very often it is difficult to find an ideal job. Entrepreneurship has very little to do with money. It is instead an attitude, a way of thinking. It goes beyond simply starting a company. In other words not all people who start their own organizations can necessarily be categorized as entrepreneurs. Entrepreneurs challenge assumptions, recognize opportunities in periods of change, reveal patterns where others see chaos and mobilize limited resource to achieve an objective. Educational Institutes can address today's changing business landscape, particularly in emerging markets and build "centres of Entrepreneurial Excellence" in the Institute that will actively assist entrepreneurs. The educational Institutes have an extraordinary talent pool of students with limitless potential to become entrepreneurs. They should work to create the right environment to develop business builders.

About Organizers

Chhattisgarh Industrial and Technical Consultancy Centre (CITCON) is a state level division of MPCON Ltd, which is a Government owned Technical Consultancy Organization (TCO) promoted by All India Financial Institution viz.: IFCI Limited, SIDBI, ICICI, Nine Nationalized Banks (namely-SBI, PNB, BoB, UBI, CBI, BoI, UCO Bank, Allahabad Bank & Dena Bank) and the State Level Corporations engaged in Industrial Development, Promotion and Finance. MPCON & in turn CITCON has as status of Government Undertaking Company under Section 617 of Companies Act 1956. CITCON is engaged in Industrial, Infrastructure, Human Resource and Man Power Development.

Institute of Renewable Energy Technology & Management (IRETM) is one of its kinds in central India region to cover diverse issue of solar, wind, biomass, geothermal and other renewable sources. The course is running by Pt. Ravishankar Shukla University and established under Skill development scheme of UGC.

School of Studies in Electronics & Photonics of Pt. Ravishankar Shukla University, Raipur recognized as one of the most prestigious Electronic Science Departments in the country, connects pure and basic science like physics or material science with applied sciences and engineering practices.

Scope

The Chhattisgarh Industrial and Technical Consultancy Centre (CITCON) in its efforts to create enterprising youth who are capable of surviving in an entrepreneurial society has been making some interventions in this direction through its Entrepreneurship Programme. The Entrepreneurship Programmes are targeted both for teachers of the various schools, colleges and universities as well as for the students. This Faculty Development Programme (FDP) is designed to train and develop professionals in entrepreneurship development so that they can act as resource persons for guiding and motivating young S&T persons to take up entrepreneurship as a career. In the FDP, 20-25 faculty members of Science and Engineering colleges, Polytechnics and Entrepreneurship Development Organizations are trained.

Goals of the programme are to:

- ★ To Create an awareness of the need and importance of entrepreneurship.
- ★ To Impart knowledge and develop skills in diverse training methods in imparting training to students and entrepreneurs.
- ★ To Plan curriculum that can imbibe the skills and competencies to achieve goals directed by values, have a positive attitude and have the ability to cope with the changing times.
- ★ To Develop teachers with an entrepreneurial and professional mindset.
- ★ To Make them aware about promotional financial & regulating scheme for MSME.
- ★ To Guide them for techniques of preparation of feasible & viable project.
- ★ To Guide them for "Techniques of proposal preparation."

Programme Objective

Faculty Development Programme (FDP) aims at equipping teachers with skills and knowledge that are essential for inculcating entrepreneurial values in students and guiding and monitoring their progress towards entrepreneurial career.

Methodology

- ★ Lectures, discussions, role play, brain storming, case presentation
- ★ Interaction with successful entrepreneurs
- ★ Assignment both individually as well as group
- ★ Exposure visit
- ★ Panel discussion

Target Group

Faculty members of university/ engineering/management/science college as well as faculty of polytechnic who wish to become the motivator, trainer & facilitator of entrepreneurship.

Key dates

Last date of registration: 16th Jan., 2020

Faculty development Programme: 20th January – 1st February, 2020

Programme Fee

Free of cost. The participants only have to bear their own travel expenses.

Working Lunch will be provided.

ORGANISING COMMITTEE

Chief Patron
Prof (Dr.) Keshari Lal Verma
Vice-Chancellor
Pt. Ravishankar Shukla University, Raipur Chhattisgarh

Patron
Shri P.K. Nimonkar
State Head-Chhattisgarh
Chhattisgarh Industrial & Technical Consultancy
Centre (CITCON)
First Floor, House No.: 3, Sahakari Marg No.: 3,
Near Chinta Haran Hanuman Mandir,
Chaubey Colony, RAIPUR [C.G.] – 492 001
Phone: 0771- 2254309, 2422312, Fax : 2422312
E-mail:citcon.raipur@gmail.com

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Cell 7000200750

Shri Ashish Prajapati - FDP Coordinator
Assistant Manager
Chhattisgarh Industrial & Technical Consultancy
Centre (CITCON), Raipur, CG
Cellphone 9039940412

Shri B Gopal Krishna – Dy. Coordinator
Assistant Professor (Guest)
Institute of Renewable Energy Technology &
Management
Pt. Ravishankar Shukla University, Raipur Chhattisgarh
Cell: 8349640006

Location
School of Studies in Electronics & Photonics
Pt. Ravishankar Shukla University
Raipur Chhattisgarh

INSTITUTE OF INDIAN GEOGRAPHERS (IIG)
41ST INDIAN GEOGRAPHERS MEET 2019
& NATIONAL CONFERENCE ON
BUILDING A DISASTER RESILIENT
SOCIETY: METHODS AND APPROACHES

November 21-23, 2019

(FIRST CIRCULAR)

Organised by
School of Studies in Geography
Pt. Ravishankar Shukla University,
(Accredited with 'A' Grade by NAAC)
Raipur, Chhattisgarh - 492010
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AN INVITATION

The 41st Indian Geographers Meet 2019 & the Annual Conference of the IIG will be hosted by the School of Studies in Geography and will be held at Pt. Ravishankar Shukla University, Raipur, Chhattisgarh from 21st to 23rd November 2019. The focal theme of the conference is *Building a Disaster Resilient Society: Methods and Approaches* which aims to focus on the question of distribution and resultant inequalities across geographical regions, sections of society and sectors of economy. The conference, however, shall be inclusive and provide an open platform to all scholars of geography and allied

disciplines. Plenary lectures will have distinguished scholars speaking on themes of utmost importance.

THE FOCAL THEME

"Building a Disaster Resilient Society: Methods and Approaches" Disaster resilience is the ability of individuals, communities, organizations and states to adapt and recover from hazards, shocks and stresses without compromising long-term prospects for sustainable development. Developing disaster-resilient communities and societies requires accurate identification and analysis of the risks that the communities or societies are faced with and having all stakeholders from government to communities fully understands these risks. Controlling natural hazards is difficult, thus enhancing social capacity to cope with disasters is one of the most effective ways to manage, mitigate and reduce disaster risks. IIG poses this as the focal theme for 2019 meet. The following sub-themes are proposed:

SUB-THEMES

- Investing in disaster risk reduction for resilience
- Strengthening disaster risk governance to manage disaster risk
- Innovating resilience through new research and science
- Natural Disaster Management and Application of Remote Sensing and GIS
- Global warming & Climate Change
- Flood & Drought
- Desertification & Environmental Protection
- Climate Change, Water and Sustainability
- Bio-diversity & Conservation
- Tribal Area Development & Ecological Resources
- Industrial Development and Environment
- Mining Environment & Planning
- Climate Change, Bio-diversity, Environmental Challenges
- Urbanization & Sustainable Development
- Urban-Industrial Growth and Demographic Dynamism
- Urban Sustainable Development & Geo-Informatics
- Geo-spatial Technology in Natural Resource Management
- Industrial Corridors, Ecology and Society
- Impacts of Expanding Urban-Industrial Spaces
- Competing and Conflicting Land and Waterscapes
- Regional Development: Contemporary Challenges
- Progress and Challenges in Geography in India
- Frontiers of Physical Geography
- Frontiers of Human Geography
- Application of RS, GIS and GPS in environmental studies
- Sustainability: Special reference to Chhattisgarh
Water, Forest, Wildlife, Soil, Minerals, Tourism, Population (Narva, Garva, Ghurwa and Baadi)

YOUNG GEOGRAPHER AWARD

IIG has instituted an award for the best paper presented by a single author below the age of 32. The young scholars who want to be considered for the award are advised to register for the event and submit their full original paper along with an abstract. The award carries a certificate and a modest cash prize.

PROF. A.B MUKHERJI MEMORIAL LECTURE

Prof. A.B Mukherji Memorial Lecture was introduced during 37th IIG Meet. Prof. Sunando Bandyopadhyay, Department of Geography, University of Calcutta, Kolkata will deliver the 5th Prof. A.B. Mukherji Lecture at 41st IIG Meet.

ABOUT RAIPUR

Raipur (21°14'14" N and 81°38'5" E), the capital of Chhattisgarh State, is an important administrative, commercial, industrial and educational centre. Raipur is an important junction on the Mumbai-Kolkata trunk line of the SEC Railways, and the premier node of the NH 53. It enjoys a central location in Chhattisgarh. It is well connected by air (Swami Vivekanand Terminal, Mana, Raipur) with major cities of India, viz. Delhi, Mumbai, Chennai, Hyderabad, Nagpur and Indore. This nodal location has contributed to its growing importance. Naya Raipur (New Raipur) which is located between NH 53 and NH 30 is about 17 km away is being developed as one of the most beautiful planned cities of India. Naya Raipur is serving an administrative and commercial capital of the state. During November temperature ranges between a maximum of 30°C and minimum of 20°C.

PT. RAVISHANKAR SHUKLA UNIVERSITY

The Conference is to be held at Pt. Ravishankar Shukla University, Raipur, Chhattisgarh (India), which is the largest and the oldest University of Chhattisgarh was established on May 01, 1964. This is a teaching-cum-affiliating University. There are twenty seven Departments located on the University campus for Post-Graduate studies and research in various disciplines of Science, Social Science, Humanities, Management, Computer Science, Library Science, Physical Education, Pharmacy and Law. Some S.o.S. (Departments) are also running U.G. courses are like Pharmacy, Law, Centre for Basic Science,

able Energy, Technology and Management (7 Voc.), Physical Education, Library Science and Institute of Teachers Education. There is a National Centre for Natural Resources (NCNR). There are 128 affiliated colleges spread over five districts of Chhattisgarh.

ABOUT THE SCHOOL OF STUDIES IN GEOGRAPHY

The School of Studies in Geography, a DST/FIST aided Department, formerly known as the Department of Geography was established on 1st Nov, 1965. The School of Studies in Geography has been successful in maintaining the standard of teaching and research. The school is pioneer in starting M.Phil. Course in 1976 in the Central India. A large number of students from various parts of the country have been enrolled for various courses M.A./M.Sc./M.Phil. and Ph.D. The focal areas of research are Regional Development and Planning, Resource Development, Population Studies, Urban Studies, Agricultural Geography and Social Geography. Initiatives for development of facilities and courses in Remote Sensing and GIS are underway. Presently the Department has faculty strength of 08 (05 Professors, 01 Assistant Professor & 02 Cont. Asst. Prof.).

REGISTRATION STRUCTURE

Participants	Registration up to 30 October, 2019		Registration Fee after 30 October, 2019	
	India & SAARC Countries	Other than SAARC Countries	India & SAARC Countries	Other than SAARC Countries
General Delegates	Rs. 2500	US\$ 35	Rs. 3000	US\$ 42
Research Scholars & Retired Professionals	Rs. 2000	US\$ 28	Rs. 2500	US\$ 35
Accompanying Persons	Rs. 1000	US\$ 15	Rs. 1500	US\$ 22

Concession in registration to research scholars is subject to production of valid documents from their institutions. Delegates who are not life members of IIG shall have to pay Rs. 400/- as IIG Annual Membership Fees and extra amount of Rs.200/- which will go to the IIG Secretariat in addition to Registration Fees. Registration fee includes Seminar Kit, local hospitality and accommodation. Participants will have to confirm about their accommodation. As only limited numbers of accommodation are possible to arrange on the basis of first come first serve in university guest house, hostels etc. In case of unavailability of accommodation participants have

to make their own arrangement or pay directly to the accommodation facilitated by the Organizers.

MODE OF PAYMENT

Registration fee can be paid through Bank transfer or bank draft. Registration fee is to be paid through Bank transfer to the account **A/C 38557511089**, IFSC code **SBIN0003739**, State Bank of India, Pt. R.S.U. Branch, Raipur. (C.G.) Bank Draft should be drawn in favour of **Convener 41st Indian Geographers Meet 2019, Raipur, C.G payable at Raipur**. Scanned copies of bank receipt/original DD and registration form should be emailed to the Convener of the Meet.

SUBMISSION OF ABSTRACT AND FULL PAPER

Participants intending to present papers are required to send the abstract (not exceeding 300 words) to the Convener on the email **iig41raipur@gmail.com** by **20th September, 2019**. Those wish to participate in the 'Young Geographers Competition' should clearly mention as subject line 'Young Geographers Competition'. Acceptance letter will be sent by the email. Only the registered participant's abstract will be included in the Volume of Abstracts. Abstract must be written in English MS-Word, normal Times New Roman, Font Size 12. Participants are advised to mention the Sub-theme in which their paper is to be included. Title should within 15 words. The author name, affiliation and e-mail should be placed below the title.

IIG Membership Fee

Individual Annual	Rs. 400
Individual Life Member	Rs. 4500
Institutional Annual	Rs. 3500
Institutional Life member	Rs. 13,000

Subscription rates for the Journal "Transactions, Institute of Indian Geographers"

Annual Subscription	Rs. 800
Single issue	Rs. 400

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41st INDIAN GEOGRAPHERS MEET 2019 & NATIONAL CONFERENCE ON BUILDING A DISASTER RESILIENT SOCIETY: METHODS AND APPROACHES

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REGISTRATION FORM

41st INDIAN GEOGRAPHERS MEET 2019
& NATIONAL CONFERENCE ON
BUILDING A DISASTER RESILIENT SOCIETY:
METHODS AND APPROACHES
November 21-23, 2019

Name of the Participant.....
Designation.....
Affiliation.....

Whether Life Member of IIG: Yes/No.....

Date of Birth.....

Sex: Male/Female.....

Accommodation required: Yes/No.....

Arrival Date.....Departure Date.....

Mailing Address.....

Phone.....Email.....

Whether Presenting Paper Yes/No.....

Title of the Paper.....

Accompanying Person Yes/No.....

Name of the Accompanying Person Yes/No.....

Details of the Registration fees Rs.....

Draft No. Date.....

Name of the Issuing Bank & Place.....

Place:
Date:

Signature of the Participant

Note: Photocopy of the Registration Form will also be accepted.

Important Dates

Submission of Abstract: 20th September, 2019

Submission of Full Paper: 10th October, 2019

Intimation of Acceptance of Abstract: 26th September, 2019

Early Registration up to: 30th October, 2019

From,

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BOOK-POST

41st INDIAN GEOGRAPHERS MEET 2019
& NATIONAL CONFERENCE

To,

41st Indian Geographer's Meet, 2019 & National Conference
On
Building A Disaster Resilient Society: Methods And Approaches
(21 Nov. to 23 Nov. 2019)
School of Studies in Geography
Pt. Ravishankar Shukla University; Raipur (C.G.)
(Accredited with A Grade by NAAC)

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11	Dr. Sulochana Shekhar Pof. Central University of Tamilnadu
12	Dr.Y.G. Joshi Porf. Institute of Social Science, Ujjan (M.P.)
13	Dr. Bimal Kumar Kar Prof. Dept. Of Geography Gauhati University Gauhati
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Dr. Ninad Bodhankar
Organising Secretary

Baghmar
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Head
S.o.S. in Geography

आदरणीय ,

आपको यह सूचित करते हुए हमें अत्यंत प्रसन्नता हो रही है कि इतिहास अध्ययन शाला पं. रविशंकर शुक्ल विश्वविद्यालय में तीन दिवसीय राष्ट्रीय संगोष्ठी का आयोजन किया जा रहा है इस राष्ट्रीय संगोष्ठी का विषय है- "गांधीवादी विचारधारा की सार्थकता।"

वर्ष 2019 को पूरे भारत वर्ष में महात्मा गांधी जी की 150 वीं जयंती मनायी जा रही है। महात्मा गांधी भारत ही नहीं बल्कि पूरे विश्व में सत्य, अहिंसा के पुजारी तथा शांति के अग्रदूत के रूप में जाने जाते हैं। भारतीय स्वाधीनता आंदोलन में उनकी महत्वपूर्ण भूमिका रही है। गांधी जी ने अपना सत्याग्रह दक्षिण अफ्रीका में पहले ही कर चुके थे भारत आने के बाद उन्होंने चम्पारण व खेड़ा में भी सफल सत्याग्रह किया और इस प्रकार देश का नेतृत्व उनके हाथों में आ गया। उन्होंने अंग्रेजी शासन को भारत से उखाड़ फेंकने के लिये असहयोग, सविनय अवज्ञा तथा भारत छोड़ो आंदोलन किया जिसमें पूरे भारत वर्ष के लोगों ने जिनमें पुरुषों के साथ-साथ महिलाएं भी थीं, अपनी भागीदारी दी। गांधी जी के नेतृत्व में हुए जन आंदोलन ने सम्पूर्ण भारत को जगा दिया था।

वर्तमान परिवेश में भूमंडलीयकरण के युग में धर्म, राजनीति, अर्थ समाज में भ्रष्टाचार चरम पर है जिसका दुष्परिणाम पूरे विश्व में आतंकवाद, युद्ध, हिंसा, नक्सलवाद, पर्यावरण प्रदूषण, सामाजिक मूल्यों का पतन, राजनैतिक एवं प्रशासनिक भ्रष्टाचार के रूप में सामने आ रहा है। गांधी जी ने बीसवीं शताब्दी में औपनिवेश शक्तियों का मुकाबला करते हुए भी सत्य, अहिंसा, अपरिग्रह, प्रेम, सहिष्णुता, भाईचारा, वसुधैव कुटुम्बकम् के जीवन की आधारशिला रखी। गांधीवाद जीवन मूल्यों की प्रासंगिकता कल भी थी, आज भी है और आने वाले कल में भी रहेगी।

महात्मा गांधी ने एक ओर भारत में व्याप्त गरीबी, छुआछूत, अशिक्षा को दूर करने की मुहिम छेड़ी तो दूसरी ओर स्वदेशी, ग्रामीण विकास, नारी उत्थान, साम्प्रदायिक एकता, पर्यावरण और शांति जैसे महत्वपूर्ण मुद्दों को उठाया और इन समस्याओं को दूर करने में अपना सम्पूर्ण जीवन लगा दिया। गांधी जी की विश्व शांति, सामाजिक सौहार्द, लघु एवं कुटीर उद्योग, श्रम का सम्मान आदि उतने ही प्रासंगिक है जितने एक शताब्दी पूर्व थे। आज ऐसा कोई भी क्षेत्र नहीं है जहां गांधी जी का प्रभाव परिलक्षित नहीं हो रहा हो। वर्तमान में अंतर्राष्ट्रीय स्तर पर गांधी जी पर अनेक शोध परक विचारों का विश्लेषण आवश्यक प्रतीत होता है। यही इस राष्ट्रीय संगोष्ठी के आयोजन का प्रमुख उद्देश्य है।

संगोष्ठी में निम्नलिखित बिंदुओं पर चर्चा होगी-

- महात्मा गांधी के राजनैतिक विचार - आदर्श राज्य, हिंद स्वराज एवं राम राज्य, ग्राम स्वराज्य, पंचायती राज्य, सर्वोदय
- महात्मा गांधी द्वारा संचालित आंदोलन - विभिन्न विचारधाराएं
- महात्मा गांधी के सामाजिक अर्थिक विचार - ग्रामीण अर्थव्यवस्था, कुटीर उद्योग, स्वावलंबन, ट्रस्टीशीप
- बुनियादी शिक्षा - बेरोजगारी और गरीबी दूर करना
- सामाजिक समानता-अस्पृश्यता के विरुद्ध संघर्ष।
- महिला सशक्तिकरण - शोषण, हिंसा और अपराध को दूर करने का साधन
- धार्मिक सहिष्णुता, भाईचारा, शांति- आतंकवाद, नक्सलवाद, युद्ध और घृणा दूर करने का समाधान
- परवर्ती कृषक, मजदूर एवं आदिवासी आंदोलनों पर महात्मा गांधी का प्रभाव
- छत्तीसगढ़ में गांधीजी
- मानवतावाद एवं अंतर्राष्ट्रीय शांति
- महात्मा गांधी और स्वच्छता
- महात्मा गांधी - पत्रकारिता, साहित्य, भाषा
- अन्य प्रासंगिक विचार बिंदु

आप इस संगोष्ठी में भाग लेने के लिए सादर आमंत्रित है।

शोध का प्रारूप

राष्ट्रीय संगोष्ठी में प्रतिभागी मौलिक शोधपत्र का सारांश 200 शब्दों में एवं शोधपत्र 2000 शब्दों तक कृति देव 010 में टंकित कर ई मेल पर भेजें। ए-4 आकार के 14 पाइंट अथवा Times New Roman में 1.5 की स्पेस में शोधपत्र हिन्दी / अंग्रेजी माध्यम में आयोजन सचिव के नाम पर 15 फरवरी 2020 तक भेज सकते हैं। संगोष्ठी के प्रारंभिक दिवस पर उल्लेखित पंजीयन शुल्क एवं शोधपत्र की साफ्ट एवं हार्ड कापी स्वीकार की जायेगी।

पंजीयन शुल्क -

शिक्षक - 1200 /-

शोधार्थी - 800 /-

छात्र - छात्राओं के लिए - 500 /-

रायपुर नगर की स्थिति - रायपुर नगर छत्तीसगढ़ की राजधानी है। इसका समृद्ध एवं गौरवपूर्ण ऐतिहासिक, राजनीतिक और सांस्कृतिक इतिहास है। परिवहन की समस्त आरामदायक सुविधाओं के साथ रायपुर तक पहुंच अत्यंत सुगम है। यहां पहुंचने के लिए हवाई अड्डा माना में स्थित है जो विश्वविद्यालय से 18 किलोमीटर की दूरी पर स्थित है। रायपुर दक्षिण पूर्वी रेलवे से सम्बद्ध होने के कारण देश के किसी भी स्थान से प्रतिभागी यहां आ सकते हैं। रेलवे स्टेशन से विश्वविद्यालय की दूरी 6 किमी. है।

पं. रविशंकर शुक्ल विश्वविद्यालय- विश्वविद्यालय की स्थापना 1 मई 1964 को हुई है। यह छत्तीसगढ़ का प्रतिष्ठित, सबसे बड़ा व पुराना विश्वविद्यालय है। यहां पर 29 विभिन्न विषयों के अकादमिक पाठ्यक्रम संचालित किये जा रहे हैं। इस विश्वविद्यालय को वर्ष 2016 में NAC की टीम द्वारा A ग्रेड प्रदान किया गया है।

इतिहास अध्ययन शाला - विश्वविद्यालय में इतिहास अध्ययन शाला की स्थापना अगस्त 1971 में की गई है। अध्ययन शाला में स्नातकोत्तर, एम. फिल. एवं पीएच.डी. का पाठ्यक्रम संचालित है। यहां आधुनिक भारतीय इतिहास के साथ-साथ क्षेत्रीय इतिहास पर अध्ययन-अध्यापन एवं शोध कार्य किया जा रहा है।

आयोजक

मंत्रक

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कुलपति

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मंत्रांक

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विशेष महयोग

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मो.नं. 9302180962

पंजीयन प्रपत्र

राष्ट्रीय संगोष्ठी

गांधीवादी विचारधारा की सार्थकता

21 - 23 फरवरी 2020

नाम

पदनाम

जन्मतिथि.....

संस्था का नाम

पता/मो.नं.....

.....

ईमेल.....

शोध आलेख का विषय

.....

पंजीयन शुल्क नगद/बैंक ड्राफ्ट

बैंक ड्राफ्ट क.....दिनांक.....राशि.....

बैंक का नाम

आगमन की तिथि समय.....

वापसी की तिथि..... समय.....

आवास व्यवस्था की आवश्यकतायें हों/नहीं

पंजीयन प्रपत्र पूर्ण भर कर प्रेषित करें।

दिनांक प्रतिभागी के हस्ताक्षर

आयोजन सचिव
डॉ. डिश्वर नाथ खुटे
सहायक प्राध्यापक, इतिहास अध्ययन शाला
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492010 (छत्तीसगढ़)

आयोजन



राष्ट्रीय संगोष्ठी
गांधीवादी विचारधारा की सार्थकता

21 - 23 फरवरी 2020

प्रति,

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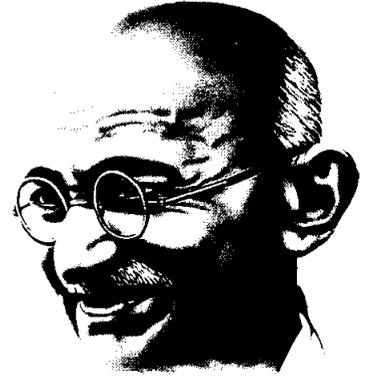
Book-Post



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राष्ट्रीय संगोष्ठी
गांधीवादी विचारधारा की सार्थकता

21 - 23 फरवरी 2020



आयोजक
इतिहास अध्ययन शाला
पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर
छत्तीसगढ़, 492010

इतिहास अध्ययनशाला, पं. रविशंकर शुक्ल विश्वविद्यालय रायपुर

राष्ट्रीय संगोष्ठी प्रतिवेदन

इतिहास अध्ययनशाला पं. रविशंकर शुक्ल विश्वविद्यालय रायपुर छत्तीसगढ़ द्वारा महात्मा गांधीजी की 150 वीं जयंती के अवसर पर **गाँधीवादी विचारधारा की सार्थकता** विषय पर त्रिदिवसीय राष्ट्रीय संगोष्ठी दिनांक 21 फरवरी से 23 फरवरी 2020 को आयोजित की गई। उदघाटन समारोह 21 फरवरी 2020 को प्रातः 11.30 बजे कला भवन सेमिनार हाल में आयोजित की गई। इस समारोह के मुख्य वक्ता प्रो. हिमांशु चतुर्वेदी प्राध्यापक एवं विभागाध्यक्ष इतिहास विभाग, पं.दीनदयाल उपाध्याय विश्वविद्यालय गोरखपुर (उ.प्र.) एवं मुख्य अतिथि प्रो. रवीन्द्र कुमार, पूर्व कुलपति इंदिरा गांधी राष्ट्रीय मुक्त विश्वविद्यालय नई दिल्ली थे। कार्यक्रम की अध्यक्षता पं. रविशंकर शुक्ल विश्वविद्यालय रायपुर के कुलपति प्रो. केशरी लाल वर्मा ने की।

कार्यक्रम का शुभारंभ मां सरस्वती की प्रतीमा पर दीप प्रज्ज्वलित एवं माल्यार्पण करने के बाद विश्वविद्यालय के कुलगीत के साथ प्रारंभ हुआ। संगोष्ठी के संयोजक प्रो. आभा रूपेन्द्र पाल विभागाध्यक्ष इतिहास अध्ययनशाला पं. रविशंकर शुक्ल विश्वविद्यालय रायपुर ने कार्यक्रम में उपस्थित सभी अतिथियों का स्वागत करते हुए तीन दिवसीय राष्ट्रीय संगोष्ठी की रूपरेखा पर प्रकाश डाला। स्वागत भाषण के बाद मुख्य वक्ता प्रो. हिमांशु चतुर्वेदी ने अपना वक्तव्य रखा। उन्होंने कहा कि महात्मा गांधी के भारत आगमन के पश्चात वर्ष 1916 से 1920 के मध्य समाज के हर वर्ग को साथ लेते हुए उन्होंने राष्ट्रीय आंदोलन को जन आंदोलन का स्वरूप प्रदान किया। विभिन्न वर्गों ने तथा महिला वर्ग, श्रमिक, मजदूर जिन्होंने गांधीजी को नहीं देखा था, उनको आदर्श मानकर आंदोलन किया। चम्पारण में हुए सफल सत्याग्रह के बाद प्रेस ने गांधीजी को महात्मा कहा।

कार्यक्रम के मुख्य अतिथि प्रो. रवीन्द्र कुमार ने अपने विचार में उत्तर आधुनिक तथा आधुनिक विचारधारा को प्रस्तुत किया। उन्होंने गांधीजी की खोज को एक अनवरत यात्रा बताया। आधुनिकता के संदर्भ में हर तरह के विचार की जांच परख कर अपने विचार में परिवर्तन करना गांधीजी को वास्तव में आधुनिक बनाती है। उन्होंने गांधीजी के सूत्र अभय का अर्थ न डरना, न डराना बताया।

अपने अध्यक्षीय भाषण में पं. रविशंकर शुक्ल विश्वविद्यालय रायपुर के कुलपति प्रो. केशरी लाल वर्मा ने कहा कि महात्मा गांधीजी बहुत ही साहसी व्यक्ति थे। गांधीजी समयानुसार अपने विचार व कार्यों में परिवर्तन करते रहते थे, यह साहस बड़े से बड़े दार्शनिकों तथा विचारकों में भी नहीं था। वर्तमान में उनके विचारों को अपनाकर हम सभी अपना देश तथा जीवन दोनों को सुरक्षित रख सकते हैं, गांधीजी के विचार आज भी प्रासंगिक हैं।

आभार प्रदर्शन संगोष्ठी के आयोजक सचिव डॉ.डी.एन.खुटे सहायक प्राध्यापक इतिहास अध्ययनशाला पं. रविशंकर शुक्ल विश्वविद्यालय रायपुर ने किया। उद्घाटन समारोह के कार्यक्रम का संचालन प्रो. प्रीति सुरेश विभागाध्यक्ष एवं प्राध्यापक फार्मसी संस्थान पं. रविशंकर शुक्ल विश्वविद्यालय रायपुर ने किया।

भोजन अवकाश के बाद तकनीकी सत्र आयोजित किया गया:-

प्रथम सत्र के रिसोर्स पर्सन प्रो. रविन्द्र कुमार पूर्व कुलपति इंदिरा गांधी राष्ट्रीय मुक्त विश्वविद्यालय नई दिल्ली ने कहा कि - गांधी अमल के सिद्धांत, निर्धनता व्यक्ति को अमानुषिक बनाती है तथा उसका आत्मसम्मान छीन लेती है। निर्धन व्यक्ति निर्धनता के पोषण की प्रक्रिया में सम्मिलित होने लगता है। गांधी अतीत के वैभवपूर्ण होने के संवाहक है। उन्होंने अतीत के दो दरार अस्पृश्यता तथा महिलाओं के साथ दोगम व्यवहार को प्रस्तुत किया।

कार्यक्रम में तकनीकी सत्र की अध्यक्षता करते हुए प्रो. एम. ए. खान पूर्व विभागाध्यक्ष एवं प्राध्यापक इतिहास, पं. रविशंकर शुक्ल विश्वविद्यालय रायपुर ने **Gandhian Secularism a need for 21th Century** पर अपना विचार रखे। उन्होंने कहा कि महात्मा गांधीजी सभी धर्मों को मानते थे वे सभी धर्मों के प्रति समभाव रखते थे। गांधीजी पूर्णतः समाजवादी थे।

इस सत्र में डॉ. सरिता साहू शोधार्थी के द्वारा निर्मित महात्मा गांधीजी के आन्दोलन और उनका छत्तीसगढ़ पर प्रभाव वृत्तचित्र और उस पर पत्रिका उद्घाटन किया गया। इस सत्र में अस्पृश्यता दलित समाज और गांधीजी पर निशा श्रीवास्तव ने अपना शोध पत्र का वाचन किया। डॉ. जितेन्द्र प्रेमी ने गांधी और अम्बेडकर विषय पर शोध में आदर्श और यथार्थवाद के पक्ष को प्रस्तुत किया। जागृति जगत ने गांधी चिंतन में महिला सशक्तिकरण की अवधारणा में स्त्री उध्दार से संबंधित गांधीजी के योगदान को प्रस्तुत किया। डॉ. अजय कुमार शर्मा ने शोध प्रस्तुति में छत्तीसगढ़ में गांधीजी के नेतृत्व में कण्डेल सत्याग्रह का वर्णन किया।

द्वितीय सत्र के रिसोर्स पर्सन डॉ. अनिल कुमार पाण्डेय सहायक प्राध्यापक इतिहास विश्वनाथ यादव तामस्कर स्नातकोत्तर महाविद्यालय राजनांदगांव एवं सचिव छत्तीसगढ़ इतिहास परिषद ने **Gandhi and Gandhism in the Writing of Verrier Ealwin** पर अपना विचार रखा। उन्होंने गांधीजी को व्यक्तिवाद नहीं अपितु विचारधारा बताया। सत्र के अध्यक्षीय भाषण-डॉ. शशीकला अतुलकर विशेष रोजगार अधिकारी जिला रायपुर ने महात्मा गांधी के बुनियादी शिक्षा, बेरोजगारी और गरीबी दूर करना पर अपना विचार रखें।

इस सत्र में डॉ. शीता पाण्डे सहायक प्राध्यापक शासकीय स्नातकोत्तर महाविद्यालय महासमुंद, डॉ. शंभा चौबे प्राध्यापक शासकीय स्नातकोत्तर कन्या महाविद्यालय कालीबाड़ी रायपुर, डॉ. सरिता दुबे सहायक प्राध्यापक शासकीय स्नातकोत्तर कन्या महाविद्यालय कालीबाड़ी रायपुर, डॉ. शबनूर सिददकी सहायक प्राध्यापक शासकीय स्नातकोत्तर महाविद्यालय धरसीवा, डॉ. वासुदेव साहसी सहायक प्राध्यापक शासकीय जे.योगानंदम स्नातकोत्तर छत्तीसगढ़ महाविद्यालय रायपुर आदि ने अपने अपने शोध पत्रों का वाचन किया। विभागाध्यक्ष इतिहास अध्ययनशाला पं. रविशंकर शुक्ल विश्वविद्यालय रायपुर प्रो. आभा रूपेन्द्र पाल के द्वारा आभार व्यक्त किया गया, उन्होंने गांधीजी की प्रासंगिकता को ग्राम स्वराज, पंचायती राज तथा गांधी दर्शन के माध्यम से प्रासंगिक बताया।

पंडित रविशंकर शुक्ल वि. वि. में इतिहास विभाग द्वारा आयोजित गांधीवादी विचारधारा के दूसरे दिन के सेमिनार में 22/02/2020 के तृतीय सत्र की अध्यक्षता प्रो. के. रत्नम प्राध्यापक इतिहास एवं सदस्य सचिव भारतीय इतिहास अनुसंधान परिषद नई दिल्ली रहे एवं विशिष्ट अतिथि कुलसचिव प्रो. गिरिशकांत पाण्डेय कुलसचिव पंडित रविशंकर शुक्ल विश्वविद्यालय रायपुर रहे। इस सत्र में प्रो. रिचा शर्मा प्राध्यापक राष्ट्रीय विधि विश्वविद्यालय गांधीनगर गुजरात ने गांधीजी के Law & Justice पर उद्बोधन दिया जिसमें सत्य के साथ चलने पर कानून स्वयं आपके साथ हो जायेगा बताया। उन्होंने गांधीजी के Law & Justice में सत्य तथा मानवता पर बल दिया।

विशिष्ट अतिथि कुलसचिव प्रो. गिरिशकांत पाण्डेय जी ने गांधीजी के द्वारा शाकाहारी बनने की पृष्ठभूमि को बताया तथा नयी पीढ़ी भी गांधीजी को उनके विचारों से परिचित हो सके इस पर भी जोर दिया। सत्र के अध्यक्ष प्रो. के. रत्नम ने गांधीवाद को पुस्तकों तक सीमित न रखकर उसे जीवन में उतारना आवश्यक बताया। उन्होंने आगे कहा कि महात्मा गांधी के 150 वीं जयंती वर्षगांठ पर पूरे देश ही नहीं बल्कि पूरे विश्व में मनाये जा रहे हैं, आज हमें उनके द्वारा बताये अहिंसा के मार्ग को अपनाने की आवश्यकता है।

इस सत्र में डॉ. अविनाश अवस्थी ने गांधीवादी की बुनियादी शिक्षा, सुशीला कुजूर ने हिन्दी सिनेमा में गांधीवादी विचाराधारा की सार्थकता पर प्रकाश डाला। विनोद जांगडे ने गांधीयुगीन समाज सुधार में राधाबाई के योगदान तथा स्वतंत्रता संग्राम में उनकी सहभागिता का उल्लेख किया।

चतुर्थ तकनीकी सत्र के रिसोर्स पर्सन डॉ. सुधि मंडलोई सह प्राध्यापक विश्वभारती शांतिनिकेतन पश्चिम बंगाल ने Gandhis thought of Gender equality & Women Impowerment विषय पर उद्बोधन दिया और महिला को अबला से सबला बनने और सशक्त करने के विषय में गांधीजी के योगदान को बताया।

प्रीति गिरि ने अपने शोध पत्र में गांधीजी द्वारा चरखा को किस प्रकार स्वतंत्रता आन्दोलन में अस्त्र के रूप में स्वीकार किया बताया। पूनम सिंह ने महिला सशक्तिकरण पर गांधी के विचार रखें। परिचर्चा के पश्चात् विषय विशेषज्ञ ने रूढ़िवादी तथा पुरुषवादी सोच को महिला सशक्तिकरण में बाधक बताया।

इस कार्यक्रम में तकनीकी सत्र के अध्यक्ष प्रो. ए.के.पटनायक सेवानिवृत्त प्राध्यापक एवं विभागाध्यक्ष इतिहास, उत्कल विश्वविद्यालय भुवनेश्वर उड़ीसा ने कहा कि महात्मा गांधी ने हमेशा सभी वर्गों का साथ लेकर चला। सविनय अवज्ञा आंदोलन में महिलाओं की भागीदारी प्रमुख रही। आज की युवा पीढ़ी को महात्मा गांधी के समाज के प्रति सोच को अमल में लाना चाहिए। संगोष्ठी के संयोजक प्रो. आभा पाल ने आभार व्यक्त करते हुए बताया कि स्त्रियों को स्वयं अपनी सुरक्षा के प्रति जागरूक होने की आवश्यकता है।

पंचम सत्र की अध्यक्षता प्रो. एल. एस. निगम पूर्व विभागाध्यक्ष प्राचीन भारतीय इतिहास एवं पुरातत्व अध्ययनशाला पं. रविशंकर शुक्ल विश्वविद्यालय रायपुर रहे। इस सत्र के रिसोर्स पर्सन डॉ. हेमलता बोरकर एसोसिएट प्रोफेसर समाजशास्त्र अध्ययनशाला पं. रविशंकर शुक्ल विश्वविद्यालय रायपुर रहे। डॉ. बोरकर ने अपने उद्बोधन में गांधीजी के द्वारा पंचायती राज व्यवस्था के माध्यम से गांव के विकास को बताया। इसके अतिरिक्त शोधार्थियों एवं छात्र-छात्राओं द्वारा राष्ट्रीय चेतना एवं आजादी में महिलाओं के योगदान, गांधी चिंतन में नारीवाद, ग्राम विकास की अवधारणा, छ.ग. के लोकगीतों में गांधीजी, गांधीवादी विचारों की सार्थकता, महिला सशक्तिकरण का आधार महिला शिक्षा से संबंधित विषय पर आधारित शोधपत्र का वाचन किया गया। अध्यक्षीय उद्बोधन में प्रो. निगम ने कहा कि गांधीजी के मशीन विरोधी होने का कारण संपूर्ण धन पूंजिपति के हाथ में आया तथा मजदूर का शोषण उद्योगपति के द्वारा किया गया। इसी के साथ सत्र समापन का प्रो. आभा रूपेन्द्र पाल कार्यक्रम संयोजक द्वारा आभार व्यक्त किया गया।

दिनांक 23.02.2020 को संगोष्ठी के तृतीय एवं अंतिम दिवस पर प्रातः 11.00 बजे षष्ठम तकनीकी सत्र की शुरुआत हुआ। इस सत्र के रिसोर्स पर्सन डॉ. रमेन्द्रनाथ मिश्र पूर्व विभागाध्यक्ष इतिहास अध्ययनशाला पं. रविशंकर शुक्ल विश्वविद्यालय रायपुर रहे। इस सत्र की अध्यक्षता डॉ. प्रेमचंद महतो प्राचार्य एम.के. कालेज पांकी, मेदिनीपुर झारखंड रहे।

इस सत्र में डॉ. मिश्र ने कहा कि महात्मा गांधी 1920 में छत्तीसगढ़ आये थे उस समय पूरे राज्य में उन्हें देखने के लिए लोग उमड़ पड़े थे। छत्तीसगढ़ के लोगों ने एवं महिलाओं ने तिलक स्वराज कोष के लिए राशि प्रदान किये थे। गांधी जी जब द्वितीय बार आए तो यहां पर अनेक कार्यक्रमों में भाग लिया तथा राष्ट्रीय आंदोलन में भाग लेने के लिये जोर दिया। इस सत्र में अनिल बाजपेयी शोधार्थी ने छत्तीसगढ़ गांधी एवं वैचारिक प्रभाव – एक अध्ययन, पर प्रकाश डाला। इस सत्र में डॉ.

वृषोत्तम साहू, शबाना अहमद, पूजा शर्मा, ईश्वर साहू, गजेन्द्र साहू, लीना, संदीप कुमार, सन्नी सोनी, ममता ध्रुव ने अपने शोध पत्रों का वाचन किया।

कार्यक्रम की अध्यक्षता करते हुए प्रो. प्रेमचंद महतो ने कह कि महात्मा गांधी भारत ही नहीं बल्कि पूरे विश्व के नेता थे। उनके बातों को पूरी दुनिया सुनते थे विचार करते थे। उनके द्वारा बताये गये मार्ग को आज हम अपना कर अपने मानव जीवन को सार्थक कर सकते हैं। इस तकनीकी सत्र के बाद संगोष्ठी के संयोजक प्रो. आभा रूपेन्द्र पाल ने आभार व्यक्त किया।

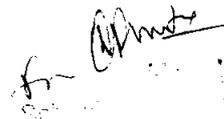
समापन समारोह:-

दिनांक 23.02.2020 को संगोष्ठी का समापन समारोह कार्यक्रम के मुख्य अतिथि श्री राहुल सिंह उप संचालक, संस्कृति एवं पुरातत्व संचालनालय छत्तीसगढ़ शासन रायपुर थे। उन्होंने गांधीजी पर थैरो और रास्किन के प्रभाव और अन टू द लास्ट की चर्चा की। गांधी एक साधारण व्यक्ति थे जो आसाधारण काम कर गये। अपने उदबोधन में उन्होंने आगे कहा कि महात्मा गांधी का छत्तीसगढ़ में आगमन से यहां के लोगो मे स्वतंत्रता के प्रति भावना देश हित में जुड़ने लगे तथा आंदोलन में बढ़ चढ़ कर भाग लिया। उनके कार्य एवं विचार आज भी हमारे बीच में मौजूद है, उनके विचारों की सार्थकता आज भी है। इस कार्यक्रम में मुख्य वक्ता प्रो. ए.के. पटनायक ने गांधी जी के राजनैतिक सिद्धांतों की चर्चा की और सुभाष चंद्र बोस के साथ उनके संबंधों पर प्रकाश डाला। कार्यक्रम की अध्यक्षता विश्वविद्यालय के कुलपति प्रो.केशरी लाल वर्मा ने अपने उदबोधन में कहा कि महात्मा गांधी आज जीवन दर्शन शैली हैं उन्हें हमें अपनाना होगा। कार्यक्रम का संयोजक प्रो. आभा रूपेन्द्र पाल ने सेमिनार का प्रतिवेदन प्रस्तुत किया। आभार प्रदर्शन डॉ. डी.एन.खुटे आयेजक सचिव एवं सहायक प्राध्यापक इतिहास अध्ययनशाला ने किया तथा कार्यक्रम का संचालन प्रो.रीता वेणुगोपाल विभागाध्यक्ष शारारिक शिक्षा अध्ययनशाला ने किया। तत्पश्चात इतिहास अध्ययनशाला के पूर्व छात्र छात्राओं का मिलन समारोह हुआ जिसमें शिक्षा जगत, प्रशासनिक सेवाओं और विभिन्न क्षेत्रों से जुड़े पूर्व विद्यार्थी उपस्थित हुए।

दिल्ली, बंगाल, झारखण्ड, उड़ीसा, गुजरात, मध्यप्रदेश के अतिरिक्त छत्तीसगढ़ के विभिन्न क्षेत्रों जैसे बस्तर, बिलासपुर, राजनांदगांव, दुर्ग, भिलाई, महासमुन्द, धमतरी और रायपुर के सभी महाविद्यालय की सेमिनार में भागीदारी रही। बड़ी संख्या में छात्र-छात्राओं ने भी शोध पत्र पढ़े। कुछ शोध पत्र जो बहुत सराहनीय थे, और जिनके विषय बहुत रोचक थे वो थे "चरखा और खादी के अनुप्रयोग में महात्मा गाँधी की भूमिका, महिला स्वावलंबन में कुटीर उद्योग की भूमिका, महात्मा गाँधी का मानवतावाद, गाँधीयुगीन समाज सुधारक महिलाएं - राधाबाई, गाँधीवादी सत्याग्रह की तकनीक - कंडेल नहर सत्याग्रह से आज तक, फिल्मों में गाँधीवाद - मुन्ना भाई श्रृंखला, बुनियादी शिक्षा की प्रासंगिकता, गाँधीजी और स्वच्छता, छत्तीसगढ़ी लोकगीतों में गाँधी, अमरकंटक के महिला स्वसहायता समूह के विकास में गाँधीवादी विचारधारा का योगदान, गाँधीजी की खादी -आम से विशेष तक, छत्तीसगढ़ में

गाँधीजी का वैचारिक प्रभाव, गाँधी-चिंतन में नारी, आदर्श राज्य - सर्वोदय समाज- गाँधी चिंतन में, महात्मा गाँधी की शिक्षा, आध्यात्म और दर्शन, स्वास्थ्य और गाँधी आदि। सेमिनार के दौरान शोध पत्रों पर होने वाले चर्चा बहुत महत्वपूर्ण रहे, जिसमें शोध छात्रों ने भी भाग लिया। शोधार्थी डॉ. सरिता साहू द्वारा निर्मित गाँधीवादी आंदोलन और छत्तीसगढ़ पर उनका प्रभाव में डाक्युमेंट्री का प्रदर्शन किया गया और उस पर आधारित पुस्तक का विमोचन किया गया। श्री आशीष दास द्वारा लगाई गयी गाँधीजी से संबंधित असली दस्तावेज की प्रदर्शनी को भी सभी ने बहुत सराहा। इसी प्रकार मातो श्री प्रकाशन द्वारा लगाया गया पुस्तकों का स्टॉल भी विद्यार्थियों के बहुत काम का रहा। छत्तीसगढ़ के इतिहास से संबंधित और इतिहास के पाठ्यक्रम से संबंधित इतिहास अध्ययनशाला के ही एक भूतपूर्व छात्र डॉ. सुरेश चन्द्र शुक्ला द्वारा लिखी अत्यन्त उच्चकोटि की पुस्तकें इनके द्वारा प्रकाशित की जा रही है। उनकी पत्नी डॉ. अर्चना शुक्ला ने उनकी लिखी पुस्तकों का एक पूरा संग्रह इतिहास विभाग को भेंट किया है। इसके लिए हम हृदय से उनके आभारी हैं।

इस संगोष्ठी में कुल 202 प्रतिभागी जिसमें रायपुर क्षेत्र से बाहर के 94 एवं स्थानीय क्षेत्र से 108 लोगों की भागीदारी रहीं। इस संगोष्ठी में वित्तीय सहायता के रूप में विश्वविद्यालय अनुदान आयोग द्वारा इस विश्वविद्यालय के अनुदान प्रकोष्ठ से राशि -50,000.00 रु. और पंजीयन से राशि- 1,74,800.00 रु. प्राप्त हुए हैं तथा भारतीय इतिहास अनुसंधान परिषद नई दिल्ली से राशि-1,25,000.00 रु. एवं संचालक संस्कृति एवं पुरातत्व छत्तीसगढ़ शासन रायपुर से राशि- 1,00,00.00 रु. की स्वीकृति प्राप्त हुई है जिसका अनुदान अभी अप्राप्त है, जो कि देयक प्रस्तुत करने के उपरांत प्राप्त होगी। अंत में यह कहा जा सकता है कि गाँधीवादी विचारधारा की सार्थकता पर सेमिनार बहुत सारे विचारों को एक मंच पर लेकर आया है - और यही उसका उद्देश्य था जो कि हमारी दृष्टि से यह सफल रहा। इस तरह संगोष्ठी "गाँधीवादी विचारधारा की सार्थकता" सचमुच एक सार्थक प्रयास रहा, महात्मा गाँधी के बहुआयामी विचारों और वर्तमान में उसकी सार्थकता, प्रासंगिकता को सही पाने का।


Dr. Ashish Das
Principal, Raipur University
Raipur, C.G. (M.P.)



शहीद वीर नारायण सिंह का बलिदान दिवस

दिनांक- 10 दिसंबर 2020, समय- दोपहर 1:00 बजे

स्थान - इतिहास अध्ययन शाला, सेमिनार हाल, पं. रविशंकर शुक्ल विश्वविद्यालय रायपुर

छत्तीसगढ़ के अमर शहीद वीर नारायण सिंह जी के बलिदान दिवस के अवसर पर 10 दिसंबर 2020 को "1857 की क्रांति और वीर नारायण सिंह" विषय पर एक परिचर्चा का आयोजन रखा गया है। इस कार्यक्रम में आप सादर आमंत्रित हैं। कार्यक्रम के अतिथि होंगे-

मुख्य वक्ता

प्रो. रमेन्द्र नाथ मिश्र
से. नि. प्राध्यापक एवं पूर्व अध्यक्ष इतिहास अध्ययन शाला
पं. रविशंकर शुक्ल विश्वविद्यालय रायपुर

अध्यक्ष

प्रो. केशरी लाल वर्मा
कुलपति
पं. रविशंकर शुक्ल विश्वविद्यालय रायपुर

विशिष्ट अतिथि

प्रो. एम. ए. खान
से. नि. प्राध्यापक एवं पूर्व अध्यक्ष इतिहास अध्ययनशाला
पं. रविशंकर शुक्ल विश्वविद्यालय रायपुर

प्रो. के. के. अग्रवाल

से. नि. प्राध्यापक एवं उपाध्यक्ष छत्तीसगढ़ इतिहास परिषद होंगे

आयोजक

इतिहास अध्ययन शाला
पं. रविशंकर शुक्ल विश्वविद्यालय रायपुर (छ.ग.) एवं
छत्तीसगढ़ इतिहास परिषद

डॉ. डी. एन. खुटे
सहायक प्राध्यापक

डॉ. बंशो नुरुटी
सहायक प्राध्यापक

प्रो. आभा रूपेन्द्र पाल
प्राध्यापक एवं अध्यक्ष

Objective

The objective of workshop-cum-training program is intended to:

- ❖ Give an in depth understanding of Koha software for the use of library automation.
- ❖ Conduct hands on experience for the installation and customization of Linux.
- ❖ Undertake practical experience for the installation and customization of Koha on Linux environment.
- ❖ Provide hands on experience of functioning of various modules of Koha.

Methodology

The programme pedagogy consists of a mix of lectures, demonstration & hands on practice.

Workshop Content

1. Introduction to Open Source Software.
2. Introduction, Features & Overview of KOHA
 - ❖ Installation
 - ❖ System Administration
 - ❖ Modules – Acquisition, Cataloguing, Serial Control, Circulation & OPAC.
 - ❖ Managing Backup/Restore features.

About KOHA

Koha is an open source Integrated library System, it is used world-wide by public, school and special libraries. It was created in 1999 by Katipo Communications for the Te Pahi Library Trust in New Zealand. Koha is a fully featured, scalable library Management system. The major feature of Koha is to provide various Web 2.0 functionalities like logging, comments, social Sharing and RSS feeds, Online Catalogues facility, customizable search, Online Circulation and Barcode printing etc.

Organizing Committee

Chief Patron

Prof. K. L. Verma

Vice Chancellor, Pt. Ravishankar Shukla University, Raipur
Chhattisgarh, India

Mentor

Prof. (Mrs.) Maya Verma
(Head SoS Library & Information Science)

Convenor

Dr. Suparna Sengupta (Librarian)

Organizing Secretary

Dr. Harish Kumar Sahu (Asst. Professor)

Local Organizing Committee

Prof. A.K. Varma

Dr. Madhav Pandey

Dr. Pravin Sharma

Dr. Sunil Kumar Satpathy

Dr. C.K. Swain

Dr. Sunil Soni.

Dr. Ashutosh Mishra.

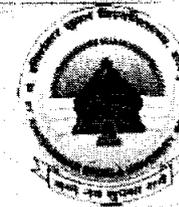
Shri Ajay Sharma

Shri Anil Dewangan

Mrs. Sonalika Shukla

M. Verma

HEAD
SoS IN LIBRARY &
INFORMATION SCIENCE
PT. RAVISHANKAR SHUKLA
UNIVERSITY, RAIPUR (C. G.)



National Workshop

On

Open Source Software KOHA

27.06.2019 to 01.07.2019

Jointly Organized by

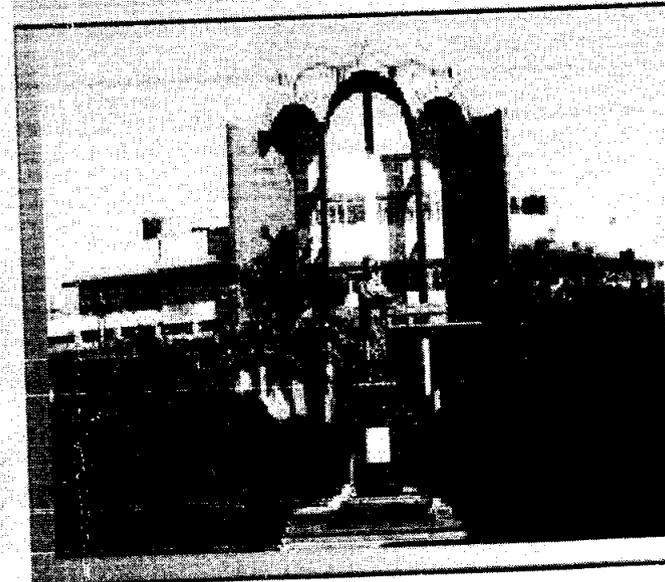
SoS Library & Information Science, Pt. Ravishankar

Shukla University Raipur, Chhattisgarh, India

and

Pt. Sundar Lal Sharma Granthagar, Pt. Ravishankar

Shukla University Raipur, Chhattisgarh, India



About the Department

The SoS in Library & Information Science was started in 1971 as a part of Pt. Ravishankar Shukla University Library to run B. Lib. Sc. course. The SoS in Library & Information Science got its separate identity in 1988. In 1988 the M. Lib. I. Sc. course was started to give specialized knowledge to the budding librarians. In 1991 Information Technology and Information System Analysis & Data Processing were introduced in M. Lib. I. Sc. syllabi. From the session 2003-04 the SoS started M. Phil. in Library & Information Science. Till date 21 candidates have been awarded Ph.D. Degree. Presently, SoS is running 4 course viz. B. Lib. I. Sc., M. Lib. I. Sc., M. Phil. & Ph.D. The SoS has a well equipped computer laboratory.

About of Library

The library, which is unmatched, to any other library of this region, so far its services, collection staff and readers are concerned, was established in 1965. Presently 139604 purchased book, 27992 gift books, 8993 World Bank Publications, 24558 thesis and dissertations are available in the library, 2881 e-books, 05 current Indian e-journals, 23 current foreign journals, 6000+ e-journal form e-shodhSindhu and currently subscribed 350 journal (236 Indian and 69 foreign research publication). It also subscribes 14 news paper (Regional & National) and 28 popular magazines. This library was selected as one among eleven University libraries in India for computerizing and automation under INFLIBNET program of UGC. It is now on the verge of computerizing all its activities using SOUL Software, creation of computerized database of all the books available in library has been completed and made available to the readers in the form of Public Access Catalogue. The circulation system is computerized. This library has been receiving the World Collection free of cost directly from Washington under the newly selected Depository Library Program from which it has become the e-library of World Book.

Workshop Fee

The registration fee is Rs. 2000.00 (Two Thousand Rupees only) per person without accommodation.

Accommodation

Accommodation will be provided on prior request basis and accommodation charges will be bearded by the participant.

About the Raipur

Raipur is the capitol of Chhattisgarh situated on Mumbai-Howrah rail line. Raipur is well connected through road way NH-6 (Mumbai-Howrah) highway and NH-43. One can reach Raipur also by air, it is well connected all major cities of our Country. The Climate during the month of June remains dry and hot.

Important Dates

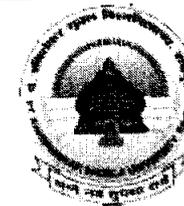
Last Date of Registration : 20/06/2019
Workshop Dates : 27.06.2019 to 01.07. 2019.

Target Participant

Workshop is intended for Library & Information Science Professionals, Researchers & LIS Students. Registration is limited to 25 participants on first come first serve basis.

For any query contact:

SoS Library & Information Science, Pt. Ravishankar
Shukla University Raipur, Chhattisgarh.
Phone No. 09425508422, 09977889006, 09826560119.
Email- vsrma_maya64@rediffmail.com
haril197479@yahoo.in
kashyap1976@rediffmail.com



National Workshop

On

Open Source Software KOHA

27.06.2019 to 01.07.2019

Registration Form

Name :

Qualification:

Designation:.....

Institute:.....

Address for communication:.....

.....

.....

Contact No.

E-mail ID

Place:

.....

Registration Fee Details: Cash

Date

A. Sharma
HEAD
SoS IN LIBRARY &
INFORMATION SCIENCE
PT. RAVISHANKAR SHUKLA
UNIVERSITY, RAIPUR (C.G.)
Signature of Participant

5

Invitation

NATIONAL SEMINAR

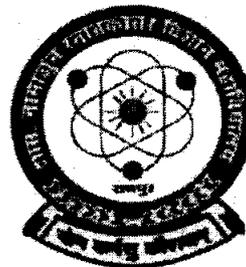
ON

OPPORTUNITIES & CHALLENGES FOR LIBRARIES

10 August 2019

Jointly Organised

by



Pt. SUNDARLAL SHARMA LIBRARY & SoS in Library & Info. Science,
Pt. Ravishankar Shukla University,
Raipur (C.G.)

and

GOVT. NAGARJUNA POST GRADUATE COLLEGE OF SCIENCE (AUTONOMOUS)
RAIPUR (C.G.)

e-mail: pravin.mahakoshal@gmail.com
Website: www.gcsrcg.org

5

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INFORMATION SCIENCE
PT. RAVISHANKAR SHUKLA
UNIVERSITY, RAIPUR (C.G.)

5

(C)

Invitation

(S)

National Workshop **ACADEMIC INTEGRITY AND PLAGIARISM**

11-12 August 2019
Jointly Organised



by



Pt. SUNDARLAL SHARMA LIBRARY & SoS in Library & Info. Science,
Pt. Ravishankar Shukla University,
Raipur (C.G.)

and

GOVT. NAGARJUNA POST GRADUATE COLLEGE OF SCIENCE (AUTONOMOUS)
RAIPUR (C.G.)

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Website: www.gcsrcg.org

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7



National Workshop
 On
Open Government Data Initiative
 &
World Bank Open Data



WORLD BANK

September 18-19, 2019
 Jointly Organized by
 World Bank Group, New Delhi & NIC

7

&
 Pt. Sundarlal Sharma Library, SoS in Library & Information Sc.
 and IQAC
 Pt. Ravishankar Shukla University, Raipur

आमंत्रण

मान्यवर,

National Workshop on "**Open Government Data Initiative & World Bank Open Data**" का आयोजन दिनांक 18-19 सितम्बर 2019 को पूर्वान्ह 10:30 बजे से पं. सुन्दरलाल शर्मा ग्रंथागार के सभाकक्ष में आयोजित है।

- शिक्षकों के लिए प्रशिक्षण सत्र - 18/09/2019
- शोध छात्र एवं अन्य छात्र - छात्राएं - 19/09/2019

इस अवसर पर आपकी गरिमामयी उपस्थिति प्रार्थनीय है।

डॉ. गिरीश कांत पाण्डेय
 कुलसचिव
 पं. रविशंकर शुक्ल विश्वविद्यालय
 रायपुर (छ.ग.)

डॉ. सुपर्ण सेनगुप्ता
 ग्रंथपाल
 पं. सुन्दरलाल शर्मा ग्रंथागार
 library_prsu@rediffmail.com

Meema

HEAD
 SoS IN LIBRARY &
 INFORMATION SCIENCE
 PT. RAVISHANKAR SHUKLA
 UNIVERSITY, RAIPUR (C. G.)

Dear Sir / Madam,

We are pleased to invite you at Pt. Sunderlal Sharma Library & SoS in Library & Info.Science, Pt. Ravishankar Shukla University, Raipur (C.G.), and Government Nagarjuna Post Graduate College of Science, Raipur (C.G.) for two days National Seminar on LANGUAGE AS AN EFFECTIVE TOOL FOR MEDIA AND COMMUNICATION, will be held during December 04-05, 2019. Your kind presence in the seminar will grace the occasion.

About the Raipur

Raipur is The capital of chhattisgarh situated on Mumbai - Hawarah rail line. It is well connected through road ways NH-6 (Mumbai-Howarah) highway and state highway SH-43. One can reach Raipur also by air, it is well connected with cities like Delhi, Hyderabad, Bangalore, Mumbai, Hawarah, Indore, Bhopal, Ahemedabad, etc. The climate during the month of December remain dry moderate cool

About the Seminar

We are living in information age, where the development of information technology & telecommunication network is accompanied by a corresponding increase in knowledge with a rapidly growing flow of information. Information is available in libraries, Community resources, special interest organization, media & most importantly in the technology revolution called internet in this speedily changing information age, higher education and academic libraries are in turmoil. Higher education is a learner's center, constantly demanding up-to-date knowledge and latest information collection and supply to educators. Academic libraries play crucial role in the dissemination of information to students, teachers and researchers. Now a days, the success of libraries depend more on the potential of their services and their ability to provide quick access to information than their mere huge collection. For this the planning and designing of libraries should be done in the best possible way.

Call of abstracts & papers

Scientific sessions: One Day National Seminar invite the delegates from all over the country including guest / invited speakers, faculty members, research scholars, post graduate students professionals from various go:ernment and non-government organization. The scientific session will comprise of invited lectures and poster presentations.

Call for paper: The seminar will provide an excellent platform to the researchers & participants from both academic as well as industry to meet & share recent developments in the field. Prospective authors are encouraged to submit a full paper for review before October 25th 2013 in MS Word, Times New Roman font size 12 and font size 12 kruti dev for hindi as well as a soft copy of one research paper should not have more than two names. Physical presence of participant is mandatory. Full length paper should be in double space typed pages (A4 size) with wide margins on both sides. Communication should be divided into Abstract, keywords, introduction, Materials & Methods, Results & Discussion & References. Manuscript in duplicate should be submitted with hard copy and CD or by email to pravin.mahakoshal@gmail.com

Paper/Poster Presentation: Selected paper's will be given an opportunity for oral presentation and the time for presentation will be 7-3minutes. Size of the poster should not exceed 120 cm height and 90 cm width

Pravin Mahakoshal
HEAD
SoS IN LIBRARY &
INFORMATION SCIENCE
Pt. Ravishankar Shukla

Themes

- Changing Role of Library and Information Professionals
- Content Creation and Content Management Systems
- Collection Development and Access Management
- Information and Knowledge Management
- Library Consortia and Institutional Repositories
- Information Use and Information Seeking Behavior
- The Internet-based Resources and Services
- Libraries and cloud computing
- Applying new Technology and Standards in Library Services
- Best practices in Library Services
- Innovative information services
- User needs mapping/ needs mapping
- User Education
- Resource optimization (Sources and Human Capital)
- Web based information services
- Need based information services
- Techniques, Tools and Technologies in providing Web based/ Need based information services

REGISTRATION FEE

Category	Before 30 NOV	After 30 November
Teachers / Librarian	500/-	800/-
Research Scholars / Students	200/-	300/-
NGO / GOV.ORG /	1000/-	1500/-

Accommodation

Accommodation will be provided on prior request basis and accommodation charges will be beared by the participants.

Schedule of Programme

DECEMBER 04, 2019

9:00	-	10:30	-	Registration of delegates
10:30	-	11:30	-	Inaugural function
11:30	-	11:45	-	Tea Break
11:45	-	01:15	-	First Technical Session
01:15	-	02:15	-	Second Technical Session
02:15	-	03:15	-	Lunch
03:15	-	04:45	-	Third Technical Session
04:45	-	05:00	-	Tea
05:00	-	05:30	-	Valedictory Function



REGISTRATION FORM

NATIONAL SEMINAR

ON
**LANGUAGE AS AN EFFECTIVE TOOL
FOR MEDIA AND COMMUNICATION**

04 DECEMBER 2019

Name

Designation

Date of Birth Age Sex M/F

University/College / institution

Address

..... Pin

Phone No with STD Code

Mobile

Email:

Website

Accommodation Yes/No

Presenting a paper Yes/No

Title of the Research Paper

.....

Multicity Cheque /Demand Draft No

D.D. No Dated

Drawn on Bank at raipur

Date of Arrival..... Date of Departure

Place:

E-mail: pravin.mahakoshal@gmail.com

Website: www.gcsrco.org

3

संस्थाक
प्रो. केशरी लाल वर्मा

पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर

आयोजक

प्रो. सैल शर्मा

94242 - 16090

संगोष्ठी संयोजक
डॉ. मधुलता बास

94255 - 42765

literaturelanguage64@gmail.com

आयोजन सचिव

डॉ. गिरजा शंकर गौतम

94242 - 29233

विशेष सहयोग

प्रो. राजेश दुर्गे

04062 - 37888

डॉ. सुधीर शर्मा

90390 - 58748

आमंत्रित वक्तावली

प्रो. मोहन शिल्ली

प्रो. कल्याण शंकर उपपाध्याय मुंबई

प्रो. अरुण शर्मा-कोलकाता

प्रो. सुरज पातीवाल-रायपुर

प्रो. कुमार प्रकाश-लखनऊ

प्रो. अनंद प्रकाश त्रिपाठी-रायपुर

प्रो. रीतेश शर्मा-जयपुर

प्रो. दिनेश कुमार-टीका

प्रो. इंद्रकांत शर्मा-रायपुर

प्रो. राजेश शर्मा-रायपुर

प्रो. गिरजा शंकर गौतम

प्रो. मधुलता शर्मा-रायपुर

प्रो. शिवराम शर्मा-दुर्ग

आमंत्रण

राष्ट्रीय संगोष्ठी

हिंदी साहित्य और गांधीवाद

22, 23 एवं 24 अक्टूबर 2019

प्रति



NAAC with Grade A

पं. रविशंकर शुक्ल विश्वविद्यालय
रायपुर छत्तीसगढ़

राष्ट्रीय संगोष्ठी

हिंदी साहित्य और गांधीवाद
22, 23 एवं 24 अक्टूबर 2019



साहित्य एवं भाषा अध्ययनशाला,
पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर छत्तीसगढ़

कार्यक्रम-स्थल

प्रेक्षामूह

पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर

आयोजक

साहित्य एवं भाषा-अध्ययनशाला,
पं. रविशंकर शुक्ल विश्वविद्यालय,
रायपुर छत्तीसगढ़ 492010

119



साहित्य एवं भाषा-अध्ययनशाला

पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर, छत्तीसगढ़ आमंत्रण

अंतरराष्ट्रीय मातृभाषा दिवस के उपलक्ष्य में आयोजित विशिष्ट व्याख्यान में

मुख्य अतिथि

प्रो. रविन्द्र कुमार

पूर्व कुलपति,

इंदिरा गाँधी राष्ट्रीय मुक्त विश्वविद्यालय, नई दिल्ली

विशिष्ट अतिथि

प्रो. अशोक कुमार पटनायक

प्रोफेसर इतिहास विभाग

उत्कल विश्वविद्यालय, भुवनेश्वर

विशिष्ट

अतिथि

श्री राजकुमार मसंद / श्री जय प्रकाश मसंद

सिंधी भाषा विशेषज्ञ

शंकर नगर, रायपुर

मुख्य

वक्ता

डॉ. सूरज बहादुर थापा

प्रोफेसर,

लखनऊ विश्वविद्यालय

अध्यक्षता

प्रो. केशरी लाल वर्मा

कुलपति

पं. रविशंकर शुक्ल विश्वविद्यालय

दिनांक - 22 फरवरी 2020

दिन एवं समय - शनिवार 9.00 बजे

स्थान- पाणिनी सभाकक्ष, कला भवन, साहित्य एवं भाषा अध्ययनशाला, पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर

इस कार्यक्रम में आप सादर आमंत्रित हैं।

कार्यक्रम प्रभारी

डॉ. गिरजा शंकर गौतम

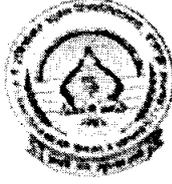
अध्यक्ष

डॉ. शैल शर्मा

समन्वयक

डॉ. मधुलता बारा

5



NAAC with Grade 'A'

साहित्य एवं भाषा-अध्ययनशाला
पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर, छत्तीसगढ़

आमंत्रण

छत्तीसगढ़ी राजभाषा दिवस ✓

28 नवंबर 2019 ✓

मुख्य अतिथि

प्रो. सत्यभामा आडिल

पूर्व कला संकायाध्यक्ष एवं वरिष्ठ साहित्यकार

विशिष्ट अतिथि

डॉ. परदेशी राम वर्मा

वरिष्ठ साहित्यकार, संपादक 'अगासदिया'
विशिष्ट वक्ता

डॉ. सुधीर शर्मा

विभागाध्यक्ष, हिंदी कल्याण महाविद्यालय, दुर्ग
एवं

प्रो. केशरी लाल वर्मा

कुलपति

पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर
की अध्यक्षता

में आयोजित व्याख्यान एवं पुरस्कार वितरण समारोह में आप सादर आमंत्रित हैं।

गुरुवार, 28 नवंबर 2019

समय: दोपहर 12 बजे

स्थान-सेमीनार हॉल, भूतल, कला भवन, पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर

डॉ. गिरजा शंकर गौतम
सचिव

डॉ. मधुलता बारा
संयोजक

प्रो. गिरीशकांत पाण्डेय
कुलसचिव



NAAC WBK Grade 'A'

साहित्य एवं भाषा-अध्ययनशाला
पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर, छत्तीसगढ़

नेवता

छत्तीसगढ़ी राजभाषा दिवस

28 नवंबर 2019

माई पहुना

प्रो. सत्यभामा आडिल

पूर्व कला संकायाध्यक्ष एवं साहित्यकार

डॉ. परदेशी राम वर्मा

साहित्यकार, संपादक 'अगासदिया'

डॉ. सुधीर शर्मा

विभागाध्यक्ष, हिंदी कल्याण महाविद्यालय, दुर्ग
अउ

प्रो. केशरी लाल वर्मा

कुलपति

पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर
के अध्यक्षता

म आयोजित व्याख्यान अउ पुरस्कार वितरण समागम, म आप मन ला विनम्र नेवता हे।

गुरुवार, 28 नवंबर 2019

वेरा : मझनिया 12 बजे

स्थान— सेनीनार हॉल, भूतल, कला भवन, पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर

डॉ. गिरजा शंकर गौतम
सचिव

डॉ. मधुलता बारा
संयोजक

प्रो. गिरीश कांत पाण्डेय
कुलसचिव

(5)

साहित्य एवं भाषा-अध्ययनशाला
पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर, छत्तीसगढ़

व्याख्यान-माला

विषय : लिट्टी चोखा और अन्य कहानियों में
नारी का स्थान

मुख्य वक्ता
गीताश्री
साहित्यकार

डॉ. सुधीर शर्मा
विभागाध्यक्ष हिंदी कल्याण महाविद्यालय, भिलाई
अध्यक्ष

प्रो. शैल शर्मा

कार्यक्रम में आप सादर आमंत्रित हैं।

स्थान-याशिनि समागार, साहित्य एवं भाषा-अध्ययनशाला, पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर

डॉ. कौस्तुभमणि द्विवेदी
कार्यक्रमप्रभारी

डॉ. मधुलताबारा
समन्वयक

Report on "Vartamaan Pripakshya mein Mahatma Gandhi

Institute of Management conducted a two days seminar in relation to the event initiated by Central Government "Vartamaan Pripakshya mein Mahatma Gandhi. The two-day seminar was organized on following themes:

- (i) Gandhi as Management Guru
- (ii) Gandhi and Trusteeship

The seminar was organised on 27th and 28th Sept, 2019. The inaugural session was held on 27th Sept 2019 at 11:00 AM. The Inaugural session was addressed by Shahbir Merchant, Vice President, Consulting Services, Grow Talent India Co. Ltd and Arindam Chaudhuri. The following discussion took place on first day.

Gandhi as Management Guru

Many associate leadership with one person leading. Thus, leaders are people who are able to think and act creatively in non-routine situations - and who set out to influence the actions, beliefs and feelings of others. In this sense being a 'leader' is personal. It flows from an individual's qualities and actions.

According to Shahbir Merchant, Vice President, Consulting Services, Grow Talent India Co. Ltd, simple corporate strategies like vision (freedom for India) and core values (honesty and Non Violence) are well illustrated in Gandhi's life.

Author of 'Count Your Chickens Before They Hatch' Arindam Chaudhuri calls Gandhi a great marketing guru. As a great marketing brain, Gandhi had done a SWOT analysis. He knew his opponents and competition - the British - well. He knew that the British were cultured and believed in being fair and had a court that they were answerable to. So he knew that it would be almost impossible for the British to kill him if all he did was to walk and talk of peace. He used their weakness to be ruthless to his advantage. Not to forget, he used fasting as a great tool to drive home the message - that he was not scared of losing his life when it came to the cause.

On 28th Sept, 2019 Gandhi and trusteeship was discussed. The main speakers were Pranay B. Gupte. The following discussion took place.

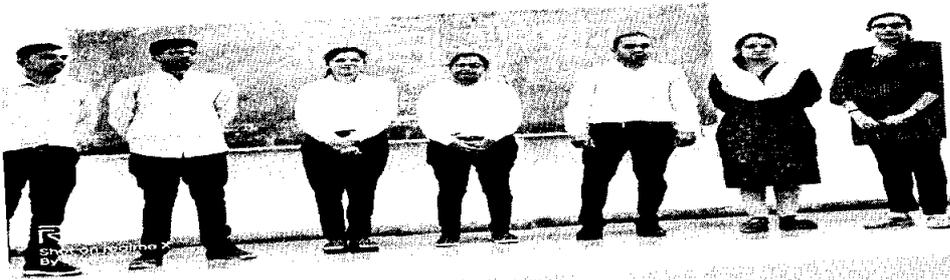
Gandhi and Trusteeship

Pranay B. Gupte (2000) quotes Gandhi as saying, "The world we must strive to build needs to be based on the concept of genuine social equality in it, the prince and the peasant, the wealthy and the less well-off, the employer and the employee are on the same level. Economic progress cannot mean that few people charge ahead and more and more people are left behind." Gandhi understood that an industrialized society created two classes, the haves and the have-nots.

Gandhi offered his Theory of Trusteeship which required capitalists to consider the wealth they had as being held in Trust for the benefit of the poor. The concept of Trusteeship is a mid-path between pure capitalism and pure communism. Gandhi said the rich were the Custodians or Trustees of the wealth they earn and that this was to be used for the welfare of their less fortunate beings. "My theory of trusteeship has the sanction of philosophy and religion behind it...No other theory is compatible with Non Violence" Gandhi had said. For Gandhi, a Trustee is one who self-consciously assumes responsibility for upholding, protecting and putting to good use whatever he possesses, acquires or earns. In the last few years, there is a thinking that capitalism is not just about creating wealth, but you have to take care of the shareholders and stakeholders, too. This is the essence of Corporate Social Responsibility as propounded by western writers. So, Gandhi's ideas and the lessons learned from him are not totally different from what corporate India would like to do."

Gandhi believed that people could not be masters or owners but instead, they should be caretakers and trustees. A sound social system discourages all forms of exploitation, domination and inequality; and promotes the values of love, truthfulness, cooperation, and

solidarity (Prabhu, 2001). You can correlate this idea with organisations of today. In a project-enriched environment, where managers are replaced with leaders, the worker is expected to learn and expand his/her knowledge base. Workers are empowered with more responsibility and accountability for their actions. This provides them with a sense of community and higher feeling of pride for their work. The valedictory session was organised on 28th Sept, 2019 at 3:00 PM.




DIRECTOR
Institute of Management
L. Ravishankar Shukla University
RAIPUR-492010 (C. G.)

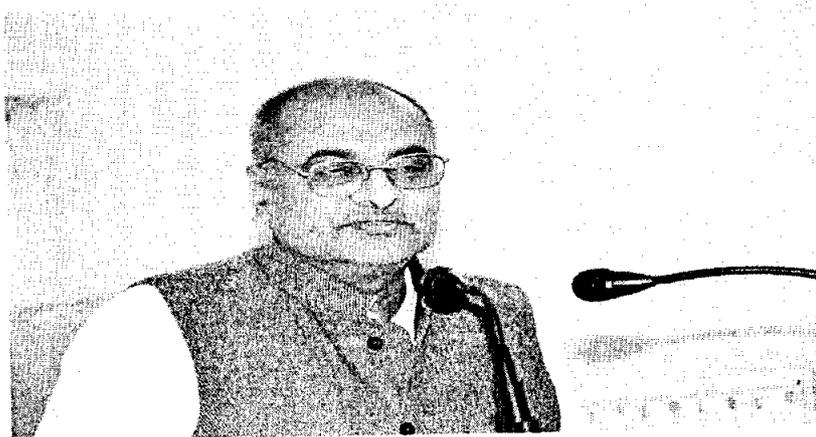
Report on Case Study workshop.

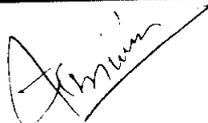
Report of Workshop on "Understanding a case study approach of writing a research paper" A case study writing workshop was conducted for all the students of the Institute of Management. Consecutive workshops for 6 hours each were conducted by Prof. H M Jha on 8th and 9th Nov 2019. In the workshop, the following topics have been covered The workshop aimed to understand how to develop an in-depth, multi-faceted understanding of a complex issue in its real-life context and formulate solutions. Following issues were discussed

1. Read and Examine the Case Thoroughly - Take notes, highlight relevant facts, underline key problems.
 2. Focus Your Analysis - Identify two to five key problems; understand how they impact the organization.
 3. Uncover Possible Changes Needed – Based on the review of course readings and discussions find the solutions
- . Select the Best Solution- Consider strong supporting evidence with pros and cons to the solution.

Check whether the solution is practical.

The session was conducted by Dr. G K Deshmukh. The welcome address was delivered by Prof. A K Srivastava and vote of Thanks was proposed by Dr. S K Indurkar.




DIRECTOR
Institute of Management
P.L. Ravishanker Sonu's University
RAIPUR-492010 (C. G.)

Report on workshop on Motivation

Institute of Management conducted a workshop on motivation on 26th Nov, 2019. The resource person for this workshop is Sri B. N Rao, Life Skills Trainer, Ramanuj Academy, Raipur.

SESSION ACTIVITIES:

More than 50 students actively participated in the motivational seminar. The ultimate goal of a motivational seminar was to change people profoundly on an emotional and/or mental level. The speaker Sri B. N Rao related his own personal experience to an audience, which means he can come from any kind of background and use that information to inspire others. He interacted with students and asked about their problems. He gave the solutions for those problems with his experience. He divided work into four groups:

Important and urgent

Not Important and urgent

Important and not urgent

Not important and not urgent

He told many stories of inspiration Vivekananda'sekananda story (which tells about the importance of Character) 2. Businessman story (which gives the importance of life) 3. Stone story (which tells the importance of pain and patience) 4. King story (about positive vibrations) 5. Eagle Story (which tells the importance of determination) At the end of the session, Sri B N Rao explained the student's value of time and life.



[Signature]
DIRECTOR
Institute of Management
L. Ravishanker Bunkle University
RAIPUR-492010 (C. G.)



Intellectual Property Right Cell

Pt. Ravishankar Shukla University

Raipur- 4920 10 (C.G.) INDIA, ☎ - +91-9425522945
email- directoruiop@gmail.com, Website: www.prsu.ac.in.

Webinar on “JIVAN MULYA 2020”

in Association with

**Mahamana Malaviya Mission,
Chhattisgarh**

on 30th June 2020,12:00 Noon

Intellectual Property Right Cell, Pt. Ravishankar Shukla University, Raipur (C.G.) organized webinar on “**Jivan Mulya** on 30th June 2020 at 12:00 Noon on an online google meet platform (**live online event on Facebook and you tube**). The guest speaker was General Manager (Ret.) Mr.K.K. Parashar from Rajasthan Financial Corporation, Jaipur. The webinar was started with welcome note and the theme of the program by Prof. Swarnlata Saraf, Chairperson -Intellectual Property Right Cell of the University. She spoke about the importance of human Values. He welcomed honorable Vice-chancellor Sir Prof. K. L. Verma, Pt. Ravishankar Shukla University, Raipur (C.G.) , guest speakers, Members of IPR Cell, faculty members of the university and the students. Mr. K K Parashar delivered his talk starting with life values of Honorable Mahamana Malaviya ji. He motivated the audience to learn the lesson from the life-style of Hon. Malaviya ji and contribution in social reforms. Prof. Mitrashree Mitra mam shared her views about impact of women empowerment and their education on their life. The young minds were actively participated and asked their question about value system and social reforms. The event was successful ended with vote of thanks by Dr. S J Daharwal, Assistant Professor, University Institute of Pharmacy, Pt. Ravishankar Shukla University.

Glimpses of the event



Invitation



School of Studies in Psychology
Pt. Ravishankar Shukla University, Raipur

AWARENESS PROGRAMME ON SUICIDE PREVENTION

Monday, September 9th, 2019, 11:30 AM
Venue : Seminar Hall, Arts Block

Chair Person

Prof. Keshri Lal Verma

Vice Chancellor

Pt. Ravishankar Shukla University, Raipur

Chief Guest

Dr. P. N. Shukla

Director

PGIBAMS, Raipur

Special Guest

Dr. Promila Singh

School of Studies in Psychology

Special Guest of Honour

Dr. Girish Kant Pandey

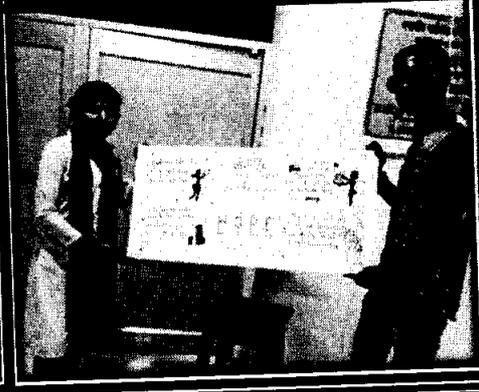
Registrar

Pt. Ravishankar Shukla University, Raipur

Please come to grace the function.

Dr. Meeta Jha
Professor & Head

WORLD SUICIDE PREVENTION DAY 2017 का आयोजन किया गया जिसमें युवाओं में इस समस्या से निपटने हेतु जागरूकता अभियान तथा निःशुल्क काउंसलिंग की सुविधा उपलब्ध कराई गयी



Don't lose hope. When the sun goes down, the stars come out...



When things are tough, you must be tougher. Show them that your life can be better. Prove them wrong...



It's the one mistake you won't live to regret.

HOPE
Hold On Pain Ends

When you feel like giving up, just remember the reason why you held on for so long...



They can't rescue you if they don't know you need it. Ask for help to fight another day.



Suicide Prevention Day

Don't lose hope

When the sun goes down, the stars come out



RAVISHANKAR SHUKLA UNIVERSITY
SOS - PSYCHOLOGY

Suicide Prevention Day

लाखों किलोमीटर की यात्रा एक कदम से ही शुरू होती है



SCHOOL OF STUDIES IN PSYCHOLOGY
Dr. Ravi Shankar Shukla University

Suicide Prevention Day

When things are tough, you must be tougher. Show them that your life can be better. Prove them wrong....



RAVISHANKAR SHUKLA UNIVERSITY
SOS - PSYCHOLOGY

Stop SUICIDE

Remember the millions who died because they were taking their own lives...

When you come to the end of your life, do it a hard and long way.

When after the celebration night the world was over, it became a reality. The moment you were in pain, it didn't matter, you were a human being. Just go on.

You have the power to stop this. Do not let anything else control you.

Place your hand on your heart. Don't feel that? That's called feelings. You're alive. Be a human. Just forget it.



SCHOOL OF STUDIES IN PSYCHOLOGY



Pt. Ravishankar Shukla University, Raipur - 492010, Chhattisgarh
(NAAC Accredited : 'A')

WORLD MENTAL HEALTH DAY (10TH OCTOBER) CELEBRATION

(From October 10 to October 20, 2019)

	Day	Date	Programme	Time
1.	Thursday	10.10.19	Inaugural Function	11:30 AM
2.	Friday	11.10.19	Quiz & Essay Writing Competition Poster Making & Slogan	02:00 PM
3.	Saturday	12.10.19	Extempore Competition	02:00 PM
4.	Monday	14.10.19	Psychological Assessment	02:00PM
5.	Tuesday	15.10.19	Psychological Assessment	02:00PM
6.	Wednesday	16.10.19	Public Outreach Lecture	12:30 PM
7.	Thursday	17.10.19	Panel Discussion & Seminar	02:00 PM
8.	Friday	18.10.19	Public Outreach Lecture	02:30 PM
9.	Saturday	19.10.19	Prize Distribution	02:00 PM
10.	Sunday	20.10.19	Alumni Meet	11:00 AM

VENUE : SEMINAR HALL, ARTS BLOCK

You are cordially invited and grace the fuction

Dr. Meeta Jha
Professor & Head

Report

5 Days CRE Programme on Research Methods in Rehabilitation psychology. The RCI approved 5 days CRE programme was held at SoS Psychology Pt. R. S. U Raipur from 25th December to 29th December 2019.

In this CRE Programme 37 candidates participated in the Workshop. Out of 37 participants 20 participants held CRR numbers they were from different corner of state and country. Others from other 15 participants were the Research scholars, during the programme in all resource persons. Covered 15 topics on Research Methods Viz. Sources of ideas on Research topics, Variables, hypothesis, Non-Experimental Research, Qualitative Research, Single Subject design, case control and cohort design, psychophysiology Research, Retrospective and prospective design, Experimental design with development design, Experimental design with developmental of tool, and report writing measurement in Behavioural Sciences, Ethics in Research etc.

Lunch and tea was provided all the five days.

Mrs. Meena Singh deputed for inspection purpose was present on 28th December 2019. Vice Chancellor of the University prof. K. L. Verma., Prof. R. K. Gunthe and other Senior Professors were present in interaction programme where in Vice Chancellor addressed the gathering with his blessings. Dr. Priyamvada Shrivastava the Programme coordinator gave brief account of the CRE Programme Organized in the Department.

On 29th December participants were distributed the certificates.

The Attachment of the programme-

1. Sample of Certificate
2. List of Participants
3. Attendance, is attached for presence of Candidates.
4. List of Resource Persons
5. Notes (PPT) & study materials
6. A scan copy of Feedback Forms
7. Photographs of the programme.



12



**NATIONAL WEBINAR
ON
CHEMICAL AND LABORATORY SAFETY**
(5th November, 2020)
Organized by



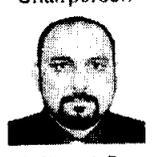
**Chemical Research Society of India (CRSI), Local Chapter Chhattisgarh
&
School of Studies in Chemistry, Pt. Ravishankar Shukla University, Raipur, CG**

Patron



Prof. Keshari Lal Verma
(Vice-Chancellor)
Pt. Ravishankar Shukla
University, Raipur

Chairperson



Prof. Shamsheer Pervez
(Head), SOS in Chemistry
Pt. Ravishankar Shukla
University, Raipur

Administrative support



Prof. Girish Kant Pandey
(Registrar)
Pt. Ravishankar Shukla University,
Raipur

Coordinator, CRSI Local Chapter



Prof. Kallol K. Ghosh
Pt. Ravishankar Shukla University
Raipur

Convener



Prof. Manas K. Deb
Pt. Ravishankar Shukla University
Raipur

Organizing Secretary



Dr. Kamlesh K. Shrivastava
(Associate Professor)
Pt. Ravishankar Shukla University
Raipur

Speakers



Prof. A. K. Tyagi,
Associate Director, Chemistry Group,
Bhabha Atomic Research Centre, Mumbai
Time: 11:00 AM
Title: **Safety in Chemical Laboratory**



Dr. K. V. S. Ranganath,
Department of Chemistry
Banaras Hindu University, Varanasi
Time: 12:00 PM
Title: **Hazardous Materials and their Significance**

- **Registration link:** <https://docs.google.com/forms/d/1T4O0XALB1JQOoab2bleL EiqXBdBompShZGPirTKGWdY/edit>
- **Contact details:** kshrivas@gmail.com; mob: 7879581979
- **Participants will get e-certificate**

**Organizing
Committee
Members**



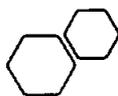
Dr. Manish K. Rai
(Associate Professor)
Pt. Ravishankar Shukla University
Raipur



Dr. M. L. Satnami
(Assistant Professor)
Pt. Ravishankar Shukla University
Raipur



Dr. J. Karbhari
(Assistant Professor)
Pt. Ravishankar Shukla University
Raipur



1st Virtual Symposium on “RECENT TRENDS IN CHEMICAL SCIENCE”

Organized by
IIT Bhilai, Chhattisgarh

in association with
Chemical Research Society of India
(CRSI) local Chapter, Chhattisgarh



UGC SAP DRS-II Project



International Webinar on Advances in Environmental and Chemical Sciences

12-13



2021

March

Organized By
School of Studies in Chemistry
Pt. Ravishankar Shukla University, Raipur (C.G.)

Under the Sponsorship of
University Grant Commission, New Delhi



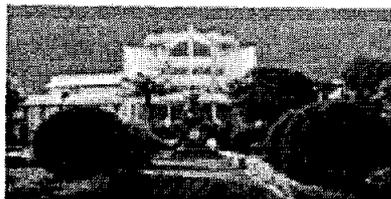
Registration Link:

<https://docs.google.com/forms/d/1grYXvMZ3CwTlImjori6mxxhFX79YeloZTeRUmkPEo2Y/edit>



**International Webinar
on
ADVANCES IN ENVIRONMENTAL
&
CHEMICAL SCIENCES**

March 12-13, 2021



Organized by
School of Studies in Chemistry
Pt. Ravishankar Shukla
University,
(Accredited with A Grade by NAAC)
Raipur, Chhattisgarh-492010
Website : www.prsu.ac.in

Under the sponsorship of
University Grants Commission,
New Delhi

Prof. B. K. Mishra	: Sambalpur University, Sambalpur
Dr Prashant Gargava	: CPCB, New Delhi
Prof. S. M. Khopkar	: IIT, Mumbai
Prof. A. Taneja	: Dr. B. R. Ambedkar University, Agra
Prof. S. Tiwari	: IITM, Delhi
Prof. A. Aswar	: Amravati University, Amravati
Prof. P. R. Bhagat	: Vellore Institute of Technology, Vellore
Dr. M. J. Kubhrositha	: CSIR NPL, New Delhi
Prof. K. S. Gupta	: University of Rajasthan, Jaipur
Prof. P. Chattopadhyay	: University of Burdwan, Burdwan
Prof. L. J. Paliwal	: Nagpur University, Nagpur
Prof. T. S. Pal	: IIT, Kharagpur
Prof. Rajiv Jain	: Jiwaji University, Gwalior
Prof. Vinayak Sinha	: IISER, Mohali

Organizing Committee

Chief Patron:	Prof. Keshari Lal Verma (Vice-Chancellor)
Chairperson:	Prof. Shamsheer Pervez (Head)
Conveners:	Prof. Kallol K. Ghosh (Coordinator, UGC SAP) & Prof. Manas Kantil Deb (Head, EVS)
Organizing Secretary :	Dr. Kamlesh K. Shrivastava & Dr. Manish K. Rai
Joint Secretary :	Dr. Manmohan L. Satnam
Treasurer :	Dr. Indrapal Karbhal

UGC-SAP-DRS II

The fourth national conference of UGC-SAP (DRS-II) is being organized this year by School of Studies in Chemistry, Pt. Ravishankar Shukla University, Raipur, under the aegis of University Grants Commission. The SAP scheme was initiated in 1963 by University Grants Commission keeping in view the recommendations of the Education Commission to facilitate the selected number of University Departments having some potential in research and teaching. The programme was intended to encourage the pursuit of excellence and teamwork in advanced teaching and research to accelerate the realization of international standards in specific fields.

On behalf of Organizing Committee and Pt. Ravishankar Shukla University, Raipur we would like to extend our heartiest invitation for your participation in this conference at Raipur. We are looking forward to the success of three successive UGC-SAP (DRS II) "National Conference on Recent Advances in Environmental & Chemical Sciences" with your active participation.

Pt. Ravishankar Shukla University (PRSU)

PRSU, established in 1964, is the largest and the oldest academic institution of Chhattisgarh state. The PRSU has 207 acres sprawling campus and grown enormously over the last 53 years in terms of number of students (approx. 2 lakh) as well as disciplines, viz., arts, science, life science, humanities, law, education, pharmacy, management, physical education, etc. in 27 Schools of Studies and around 150 affiliated colleges spread over different districts of Chhattisgarh. Recently it has been accredited with A grade by NAAC.

School of Studies in Chemistry

SOCS in Chemistry is one of the oldest and most prominent

Topics of the Conference

1. Biogeo Environmental Transformations
2. Surfactant System in Life, Energy and Environment
3. Biogenic Emission/Climate Change
4. Nanochemistry and Nanotechnology
5. Air Quality Monitoring and Analysis
6. Supramolecular Assemblies
7. New Analytical Approaches to Quality Pollutants
8. Micellar Catalysis
9. Chemical Biology/Natural Products
10. Catalyst/Material Chemistry
11. Organic Synthesis
12. Polymer and Hybrid Materials

Abstract Submission: Guidelines

- Abstracts (not more than 250 words) should be prepared in Arial, 10 point letter, and single line spacing.
- Title should be in bold.
- Mention names of the authors, affiliation with complete address including email.
- Underline name of the presenting author.

Abstract should be sent to the Convener/Organizing Secretary through email: ugcsap.drs21@gmail.com

Important Information About the Webinar

- **No Fees for Attending this Webinar**
- **Register through Given Link**
(<https://docs.google.com/forms/d/1grYXyMZ3CwTTImjorl6mmxhFX79YeloZTeRUmKPEq2Y/edit>)
- **Feedback is necessary to get the participation certificate**
- **Abstract Submission and Registration deadline:**

स्वामी विवेकानन्द स्मृति
तेलनात्मक धर्म, दर्शन एवं योग अध्ययन
स्थापना वर्ष-1985



पं. रमाशंकर ठाकुर विश्वविद्यालय, रायपुर (छ.ग.) द्वारा
आयोजित अंतरराष्ट्रीय योग दिवस-2021 के उपरान्त
आयोजित दो दिवसीय राष्ट्रीय वेबिनार

विषय : कोरोना महामारी में योग की प्रासंगिकता

Subject : Relevance of Yoga in Corona Pandemic

आयोजन तिथि – जून 20 – 21, 2021

उपरोक्तानुसार राष्ट्रीय वेबिनार में सहभागिता हेतु

हम आपको सादर आमन्त्रित करते हैं।

टीप :-

1. सहभागिता हेतु पंजीयन निःशुल्क है।
दिये गये लिंक "<https://forms.gle/hoBz2sAbmDpAQSaEA>" पर क्लिक करके
पंजीयन करवा सकते हैं।
2. चयनित शोध पत्रों की प्रस्तुति की जा सकेगी। शोध पत्र दिनांक 17 जून तक मेल आईडी
s.o.s.philosophyandyogaptrs@gmail.com
पर प्रेषित कर सकते हैं।
3. प्रतिभागियों को ई-प्रमाण पत्र प्रदान किया जायेगा।

आयोजन समिति

डॉ. भगवन्त सिंह

प्रोफेसर एवं अध्यक्ष,

अधिष्ठाता – कला संकाय

श्री जगेलाल गहरे

राह-आचार्य

श्री प्रद्युम्न यादव

अतिथि व्याख्याता

श्री रमाशंकर सिंह ठाकुर

अतिथि व्याख्याता

सुश्री आरती गजेन्द्र

अतिथि व्याख्याता

श्री शैलेन्द्र वासनिक

शोधार्थी



ONE DAY NATIONAL WEBINAR
ON
OPTICAL AND ELECTRICAL MODELING & SIMULATION
FOR ORGANIC SEMICONDUCTOR DEVICES USING SETFOS S/W

About the Webinar: This program is being organized to bring all faculties, research scholars, and students to educate on the modeling & Simulation of electrical and optical devices using advanced software such as Setfos Software from Fluxim.

Registration Fee : Free

Date: 05th February 2021

Time: 14:00 – 15:30

Link for Webinar:

<https://meet.google.com/zvh-juch-gby>

Topics Planned to Cover:

- Use of simulation software for Optical Interference in thin film layers,
- light absorption of solar cells,
- Charge transport by drift-diffusion in solar cells and OLEDs,
- Light scattering by rough interfaces and spacer layers.
- Techniques to optimize layer thickness to achieve highest absorption for solar cells,
- Stimulus (V, curves, Ioc, Voc, Fill Factor & Quantum Efficiency etc.

Scan this QR for Webinar



Prof. (Dr.) Keshari Lal Verma
Hon'ble Vice-Chancellor



Prof. (Dr.) Sanjay Tiwari
Coordinator

Registration Link: <https://surveyheart.com/form/5f8d556b4e04c54009284318>

School of Studies in Electronics & Photonics; Institute of Renewable Energy Technology & Management
Pt. Ravishankar Shukla University, Raipur (C.G.)
& Impulse Technology, Gurugram, Haryana

11/11/21

22

Bright Ideas Competition

Climate change poses a fundamental threat to planet that needs to be urgently addressed. To give momentum to the global action climate change. The Bright Idea competition for the students will be conducted through poster contest and drawing competition to understand challenges of climate change and to provide solutions through innovation in energy conservation or adopting renewable energy. When we think about all the young minds out there concentrating on what it means to be energy efficient, it brings a smile. These youngsters are energy users, for sure, but they're also the homeowners of tomorrow. It's important to us as a utility to help students learn how to use energy in the smartest way. It's good for them, good for their families, and good for the planet! We believe the answers to tomorrow's energy challenges lie in young people ingenuity. That's why we invite students across Chhattisgarh to imagine innovative solutions for energy scarcity of the future.

Bright Ideas is an idea competition for students for creating awareness of Energy Conservation. It is designed to give students from any discipline the opportunity to develop an idea, have it evaluated and win a prize! BRIGHT IDEA competition provides a platform to students where they come up with an Innovative Idea or a solution in the field of Energy Conservation Renewable Energy through Poster contest or Painting competition. The Government of India set up Bureau of Energy Efficiency (BEE) with the primary objective of reducing energy intensity of the Indian economy. CREDA as a State Nodal Agency is organizing Awareness campaign through organizing Events and competitions in School & Colleges. Throughout the competition process, entrants can develop their innovative thinking and capabilities. Bright Ideas seeks out innovative, exciting and inspiring ideas for recognition and potential development. All ideas are welcome which may also include scientific, technological, industrial and marketable ideas and projects in the field of Energy Conservation and Renewable Energy. This competition will support students to develop a range of skills including creativity, problem-solving, teamwork, and innovative thinking. The competition has been designed to be flexible enough for entries to come from students and researchers who are interested to excel their career in the field of Energy Conservation and Renewable Energy.

About the Competition

Chhattisgarh Renewable Energy Development Agency (CREDA), Institute of Renewable Energy Technology & Management (IRETM) and School of Studies in Electronics & Photonics, Pt. Ravishankar Shukla University, Raipur along with Bureau of Energy Efficiency (BEE), Government of India are initiating an innovation drive with a motto to encourage students in India to come up with bright ideas to tackle modern world challenges such as clean and sustainable energy, environmental pollution and growing consumerism, etc. As part of this initiative, Bright Ideas Competition will provide a platform for the students and young researchers to share their innovative solutions through poster and painting competition. The competition brings the awareness in the students about the need of conserving energy but at the same time would educate and inspire their parents as well in the above cause. Students can pick any one of the following. Theme topics:

1. Energy is life, Conserve it.
2. Saving Energy, a bright Idea.
3. Saving Energy for Sustainable life.
4. Conserve Energy, Save Nation.
5. Wind, Water, Sun, Energy for Long run.
6. Save Energy for others.
7. Less Energy Consumption, The More the money saving.
8. Support "Save Energy" fight, otherwise, live without light.

About Organisers

Chhattisgarh Renewable Energy Development Agency (CREDA) is a government nodal agency dealing everything in renewable energy & energy conservation. It is under the department of Energy, Govt. of Chhattisgarh. It carries out the renewable energy programmes in solar, biogas, biomass, hydropower etc. Institute of Renewable Energy Technology & Management (IRETM) is one of its kinds in central India region under Skill Development Mission of Govt. of India runs Bachelor of Vocation in Renewable Energy Technology & Management to cover diverse issue of solar, wind, biomass, geothermal and other renewable sources. School of Studies in Electronics & Photonics of Pt. Ravishankar Shukla University, Raipur recognized as one of the most prestigious Electronic Science Departments in the country, connects pure and basic science like physics or material science with applied sciences and engineering practices.

Candidates:

Competition seeks participation from students & researchers of different Institutes, Universities and Colleges.

Mode of Competition

1. Bright Idea Energy Conservation Student Poster Contest
2. Bright Idea Energy Conservation Student Speech Contest

How to Submit the Ideas?

Participants shall submit the ideas through e-mail to bicecre2020@gmail.com on or before 17th February 2020 in the following format:

Title of the idea

Category Name & Number

Name of the Author(s),

Institute,

E-mail for correspondence

or Registration by Google form @ <https://forms.gle/dHFoBTW5GhUoVn07>

Prizes for the Winners

- 1st Prizes worth Rs. 5000/-
- 2nd Prizes worth Rs. 3000/-
- 3rd Prizes worth Rs. 2000/-

Important Dates

Submission of the Idea : 17th February 2020

(Abstract: 350 words)

Confirmation of Selection of Idea: 20th February 2020

Bright Ideas Competition Programme : 24th February, 2020

Organizing Committee

Chief Patron

Prof. (Dr.) Keshari Lal Verma

Vice-Chancellor
Pt. Ravishankar Shukla University,
Raipur Chhattisgarh

Shri Alok Katiyar (IFS)

CEO
Chhattisgarh Renewable Energy Development Agency
VIP Road, Raipur Chhattisgarh

Advisors

Prof. Girish Kant Pandey

Registrar
Pt. Ravishankar Shukla University
Raipur Chhattisgarh

Shri Sanjeev Jain

Chief Engineer
CREDA, Raipur Chhattisgarh

Shri Dinesh Awasthi

Superintending Engineer
Bio Diesel Plant, CREDA HQ
VIP Road, Raipur Chhattisgarh

Shri B. B. Tiwari

Executive Engineer
CREDA, Raipur Chhattisgarh

Convenor

Dr. Sanjay Tiwari

Professor, Head & Coordinator
S.O.S. in Electronics & Photonics

Institute of RETM

Pt. Ravishankar Shukla University, Raipur Chhattisgarh

Cell: 7000200750

Members

Shri Vaibhav Dubey

Assistant Engineer
CREDA, RAIPUR

Ms. Snigdha Singh

Assistant Engineer
CREDA, RAIPUR

B. Gopal Krishna

IRETM, PRSU, Raipur
8349640006

G. S. Rathore

IRETM, PRSU, Raipur
9827966082



(Industry- Institute Interaction)
Webinar : - Optical and Electrical Modelling & Simulation for Organic Semiconductor Devices using SETFOS S/W



About the Webinar

This program is being organized to bring all faculties, research scholars and students to educate on the modeling & Simulation of electrical and optical devices using advanced software's such as Setfos Fluxim Software from

Theme of the Webinar

Precise optimization and modeling of electron-hole recombination probability in Solar Cell are necessary for developing high performance organic materials. We will demonstrate a quantitative approach to investigate the effects of carrier mobility of electron transporting layer (ETL) on electric field and recombination profile across the organic layers of the device.

**Organized by -
 Pt. Ravishankar Shukla University**



Resource Speaker : Mr Anil Kumar Sharma
 (Director of Technical)
 Impulse Technology

❖ Registration Fee: FREE

Register Now

Session Start Date - 5th Feb 2020

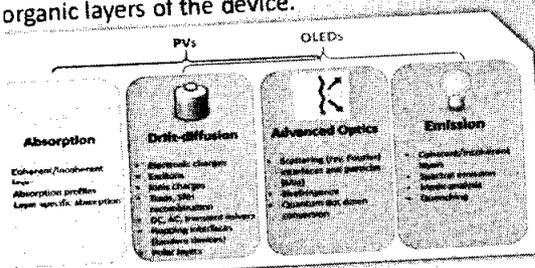
Session Time : 14:00 - 15:30 PM

Join with Google Meet Link:-

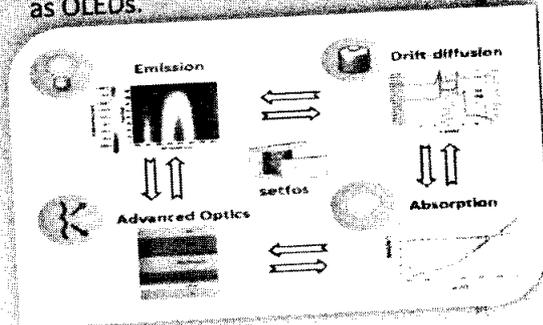
<https://meet.google.com/zvh-juch-gby>

Topics planned to cover

Use of simulation software for Optical interference in thin film layers, light absorption of solar cells, light emission from OLED's, Charge transport by drift-diffusion in solar cells and OLEDs, Light scattering by rough interfaces and scatter-layers. Techniques to optimize layer thickness to achieve highest absorption for solar cells, Simulates IV-curves and also the knowledge about the mode-analysis through the devices such as OLEDs.



Contact Organizer :
 Dr Sanjay Tiwari
 Electronics Department
 Email Id : stiwari@fulbrighmail.org
 Mobile No + 91 9424225771





NATIONAL SCIENCE DAY - 2021 CELEBRATION

National Webinar



ON RAMAN EFFECT AND FIBER OPTICS REVOLUTION

under the aegis of
Public Outreach Center of Pt. Ravishankar Shukla University, Raipur, C.G.

Date: 28th February, 2021 Time: 10:00 AM

Organized by

SOS in Electronics and Photonics
Institute of Renewable Energy Technology and Management,
Pt. Ravishankar Shukla University, Raipur, C.G.

about THE WEBINAR

National Science Day is celebrated with great enthusiasm on 28 February to commemorate the discovery of Raman Effect on the same day in 1928 by Indian physicist and Nobel Laureate Sir Chandrasekhara Venkata Raman in India. Raman received the Nobel Prize in 1930 for his work on the scattering of light. The day is celebrated as one of the prominent science fests in India every year, during which students of various schools and colleges demonstrate motley of science projects and national and state science institutions exhibit their latest researches. The occasion is also widely spread a message about the significance of scientific applications in the daily life of the people.

The webinar will address the overview of Raman Effect and emerging field of fiber optics. The Webinar aims to highlight emerging in fields in the topic which can be used effectively in the classrooms and laboratories situations to promote a holistic learning experience for the students. The goal of this webinar is to bring teaching, learning, experimenting, researching and practicing communities together and provide a platform for imparting, sharing and experimenting various developments/trends according to need of present day and future.

about THE SPEAKER

OSA Fellow Ajoy Ghatak is currently a NASI Meghnad Saha Distinguished Professor of National and International repute. He received MSc from Delhi University and Ph.D. from Cornell University. He is the recipient of many awards including CSIR Bhatnagar award for outstanding contributions in physical sciences, SPIE Educator award for unparalleled global contributions to fiber optics research and his tireless dedication to optics education worldwide, OSA Esther Hoffman Beller Award for outstanding contributions to optics education; OSI Amrita De award for life long research contributions in the field of optics and dedicated service to the optics community, and ICO Galileo award. Most recently, he received the 2020 Sang Soo Lee Award from OSA "for his seminal role in the development of fiber optics and guided wave photonics and for pioneering optics educations in India."



He has published extensively in the general area of optical waveguides and quantum well structures. The methods developed by him have been used by many researchers. He is author

Physics & Prototype Engineering Division, BARC; Program Director, Spectroscopy, Synchrotron and Functional Materials, BARC; and Adviser to Chairman, Atomic Energy Commission. As Chairman, AEES, he ran 30 schools/Junior colleges across India for three years. He authored 450 publications and 10 books on his research areas of magnetism, superconductivity, soft matter, Sensors and Organic Electronics etc.. He is credited with initiating a programme of research on the use of molecular materials for the fabrication of magnets, sensors, bio-sensors and organic electronic devices at BARC. A much sought-after speaker, he has delivered over 425 invited lectures, in reputed international conferences and labs including the prestigious Gordon conferences. He holds a US and European patent on artificial heart. He has published 52 popular articles in newspapers including medium and two poetry books titled Izhaar in 2004 and Ehsaas in 2014.

about DEPARTMENT

School of Studies in Electronics & Photonics is a bridge that connects pure, basic science like physics or material science with engineering practices. Faculty and students in applied science employ fundamental physical principles to create innovative new technologies. The department is running M.Sc and AICTE & UGC National Program M.Tech in Optoelectronics and Laser Technology along with PhD Electronics Program.

Institute of Renewable Energy Technology & Management (IRETM) established under UGC-MHRD National Skill Development Mission. Institute of Renewable Energy Technology & Management (IRETM) is one of its kinds in central India region to cover diverse issue of solar, wind, biomass, geothermal and other renewable sources.

CHIEF PATRON

Prof. (Dr.) Keshari Lal Verma

Hon'ble Vice-Chancellor

Pt. Ravishankar Shukla University, Raipur (C.G.)



ADVISERS

Prof. Kallol Kumar Ghosh

Director Public Outreach Centre

Pt. Ravishankar Shukla University, Raipur (C.G.)



COORDINATOR

Prof. Sanjay Tiwari

Professor and Head,

S.O.S in Electronics and Photonics, Institute of RETM
Pt. Ravishankar Shukla University, Raipur (C.G.)



Prof. Girish Kant Pandey

Registrar

Pt. Ravishankar Shukla University, Raipur (C.G.)



Important Information about Webinar

- » No Registration Fee
- » Registration Link: <https://forms.gle/eeeTE8wGZeLKrohQ7>
- » Registered Participant will get e-certificate on attending the webinar
- » Webinar Link : google meet - <https://meet.google.com/psb-acav-hjk>
youtube - https://www.youtube.com/watch?v=8SBiBe_8Hc

Webinar
QR Code:

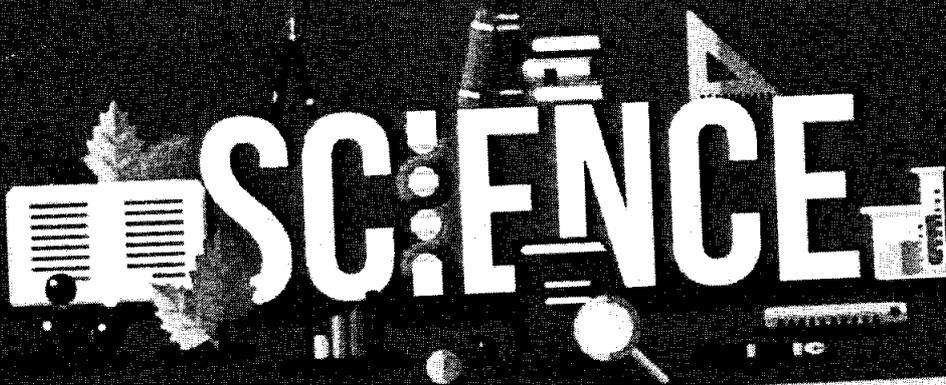


Registration
QR Code:



Contact us @ photonicselxprsu@gmail.com

9827966082 / 8349640006





National Webinar

SCIENCE AND TECHNOLOGY FOR INNOVATIONS, ENTREPRENEURSHIP AND JOBS
UNDER THE AEGIS OF
PUBLIC OUTREACH CENTER OF PT. RAVISHANKAR SHUKLA UNIVERSITY, RAIPUR (C.G.)

Date : 17th March 2021 Time : 11:00 AM

Organized by
SOS in Electronics and Photonics
Institute of Renewable Energy Technology and Management
Pt. Ravishankar Shukla University, Raipur (C.G.)

about THE WEBINAR

Science is the pursuit of seeking facts by learning through reasoning, re-evaluation and questioning to eliminate bias in the pursuit of truth. To answer a question, we make observations. Careful observations lead to patterns; patterns lead to further questions! A 'good' question can lead to new discoveries. Some key discoveries can lead to Patents, Innovations, Prototypes, and finally useful commercial products and/or New Technologies for Health, Medicine, Environment and Energy sources for good living conditions for all humans, globally, and in the process generate new job opportunities. An innovation is the transformation of an idea or invention into goods/ services that create value or for which customers will pay. To be called an innovation, an idea must be economically replicable and must satisfy a specific need of the society, may it be for healthcare, agriculture, or consumer goods. Technology and innovation, among others, are important means of implementing the 2030 Agenda for Sustainable Development because of their potential to drive innovative entrepreneurship that delivers growth and productive employment. Recent exciting innovations/ technologies, such as IoT, A.I., Robotics, 3-D printing and 5G, etc., cannot only create opportunities for generation of completely new jobs, but also have the potential to swallow several existing jobs.

In this talk, the speaker will focus on the job scenario for graduates, which is currently in a flux. It calls

for challenges to be met in converting innovations into entrepreneurs/start-ups, utilizing updates in science education in a manner that converts the disruptive exponential technologies into new job opportunities. Alternately, the young aspirants can acquire new skills and potentials by upgrading their own learning continually and mastering new evolving innovations to stay ahead and either grab alternate job opportunities or retain their earlier jobs.

about THE SPEAKER



Dr. J.V. Yakhmi is among the world's top 2 per cent most-cited scientists as per a list published by Stanford University with Citations: 9,331 and h-index: 50. Dr. J.V. Yakhmi FNASc had a research carrier of 45 years at BARC Mumbai. He served as Raja Ramanna Fellow, Homi Bhabha National Institute (DAE); Chairman, Atomic Energy Education Society (DAE); Chairman, Basic Sciences Committee, BRNS (DAE); Associate Director, Physics Group, BARC; Head, Technical



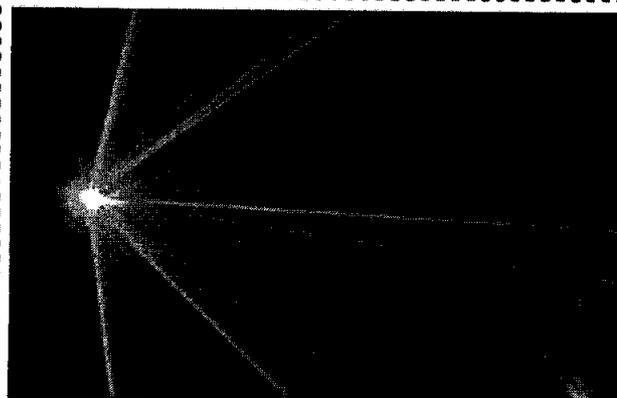
NATIONAL SCIENCE DAY 2021 CELEBRATION

of many books including textbooks on OPTICS (translated to Chinese and Persian); Fiber Optics and Optical Electronics.

about DEPARTMENT

School of Studies in Electronics & Photonics is a bridge that connects pure, basic science like physics or material science with engineering practices. Faculty and students in applied science employ fundamental physical principles to create innovative new technologies. The department is running M.Sc. and AICTE & UGC National Program M.Tech. in Optoelectronics and Laser Technology along with Ph.D Electronics Program. These novel solutions are then handed off to engineering disciplines to be refined, enhanced and used to address important societal problems.

Institute of Renewable Energy Technology & Management (IRETM) established under UGC-MHRD National Skill Development Mission. Institute of Renewable Energy Technology & Management (IRETM) is one of its kinds in central India region to cover diverse issue of solar, wind, biomass, geothermal and other renewable sources.



CHIEF PATRON

Prof. (Dr.) Keshari Lal Verma
Hon'ble Vice-Chancellor
Pt. Ravishankar Shukla University, Raipur, C.G.

ADVISERS

Prof. Kallol Kumar Ghosh
Director Public Outreach Centre
Dean, Faculty of Science
Pt. Ravishankar Shukla University, Raipur, C.G.

Prof. Girish Kant Pandey
Registrar
Pt. Ravishankar Shukla University, Raipur, C.G.

COORDINATOR

Prof. Sanjay Tiwari
Professor and Head,
S.O.S in Electronics and Photonics,
Institute of Renewable Energy Technology and
Management,
Pt. Ravishankar Shukla University, Raipur, C.G.

LOCAL ORGANIZING COMMITTEE

Prof. Kavita Thakur	B. G. Krishna
G. S. Rathore	Dr. A.K. Verma
Sweta Minj	Ankita
Neha Dewangan	Naman Shukla

IMPORTANT INFORMATION ABOUT WEBINAR

- » No Registration Fee
- » Registration Link : <https://forms.gle/u4bZi7rUEUtSaS3g9>
- » Every Participant will get e-certificate on attending the webinar and filling the Feedback form

Webinar Link will be provided on whatapp group

Contact us :

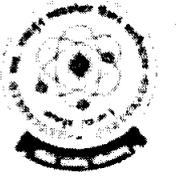
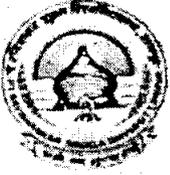
@ photonicsexprs@gmail.com

7

साहित्य एवं भाषा अध्ययनशाला

पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर, छत्तीसगढ़
एवं

शासकीय नागार्जुन स्नातकोत्तर विज्ञान महाविद्यालय
के संयुक्त आयोजन



रमेशचंद्र महरोत्रा स्मृति व्याख्यानमाला



प्रसिद्ध आलोचक -

प्रो. पवन अग्रवाल (लखनऊ)

का व्याख्यान



विषय - मीडिया : लेखन प्रविधि

दिनांक : 04 दिसंबर 2020, समय : 11:30 बजे प्रातः

स्थान : पाणिनि सभागृह, कलाभवन, पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर

151





साहित्य एवं भाषा-अध्ययनशाला,
पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर (छत्तीसगढ़)



राष्ट्रीय ई-संगोष्ठी

हिंदी भाषा का वैश्विक परिदृश्य

14 सितंबर 2020 (सोमवार) मध्याह्न - 12:00 बजे से



महाराज
प्रो. केशरी लाल वर्मा
कुलपति
पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर



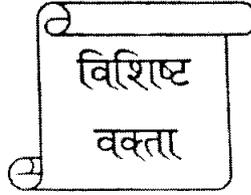
प्रशासनिक सहायक
प्रो. गिरिश कांत पाण्डेय
कुलसचिव
पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर



प्रो. रवील शर्मा
अध्यक्ष
साहित्य एवं भाषा-अध्ययनशाला,
पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर



प्रो. नंद किशोर पांडेय
पूर्व निदेशक, केंद्रीय हिंदी संस्थान आगरा
हिंदी विभाग,
राजस्थान विश्वविद्यालय, जयपुर



प्रो. करुणा शंकर उपाध्याय
अध्यक्ष
हिंदी विभाग,
मुंबई विश्वविद्यालय, मुंबई



सह-संयोजक
डॉ. गिरजा शंकर गौतम
सहायक प्राध्यापक (हिंदी)
मूल विज्ञान केंद्र
पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर



संयोजक
डॉ. मधुलता बारा
सहायक प्राध्यापक (हिंदी)
साहित्य एवं भाषा-अध्ययनशाला
पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर

महत्वपूर्ण निर्देश-

1. पंजीयन पूर्णतः नि:शुल्क है .
2. कार्यक्रम का प्रसारण जूम एप एवं यू-ट्यूब के माध्यम से होगा .
3. कार्यक्रम की सूचना व्हाट्सएप ग्रुप के माध्यम से दी जाएगी .
4. पंजीकृत प्रतिभागियों को फीडबैक फॉर्म भरने पर ई-प्रमाणपत्र दिया जाएगा .
5. सभी प्रतिभागियों को व्हाट्सएप ग्रुप से जुड़ना अपेक्षित है .

संपर्क सूत्र:-

साहित्य एवं भाषा-अध्ययनशाला
पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर (छत्तीसगढ़)
फोन नं. - 94242-16090, 94255-42755, 94242-29233

• पंजीयन लिंक

<https://forms.gle/1Pob1P1nETL5U3R9>

• व्हाट्सएप ग्रुप लिंक

<https://chat.whatsapp.com/1YdYp16M1d1D80F1ceG17>

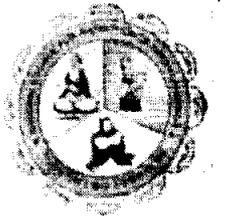
आयोजन समिति :-

- डॉ. स्मिता शर्मा सहायक प्राध्यापक (अंगरेजी)
मूल विज्ञान केंद्र, पं. रविशंकर शुक्ल विश्वविद्यालय
- डॉ. कौस्तुभमणि द्विवेदी (अतिथि सहायक प्राध्यापक)
- प्रीतम कुमार दास (सहायक प्राध्यापक)
- हितेश कुमार (शोध-छात्र)



NAAC with Grade-A

संत शदाराम साहिब सिंधी अध्ययन-केंद्र
साहित्य एवं भाषा-अध्ययनशाला,
पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर (छ. ग.)



राष्ट्रीय ई-संगोष्ठी

सिंधी भाषा-शिक्षण एवं संरक्षण

05 अक्टूबर 2020 (सोमवार) मध्याह्न - 12:00 बजे से



संस्थाक
प्रो. केशरी लाल वर्मा
कुलपति
पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर



आरीर्वयन
संत श्री डॉ. गुश्थिर लाल जी
कुलपति पदभार लेवे रायपुर (छ. ग.)



प्रो. गिरीश कांत पाण्डेय
कुलसचिव
पं. रविशंकर शुक्ल विश्वविद्यालय,
रायपुर



विशिष्ट अतिथि
डॉ. प्रताप पिजानी
निदेशक,
राष्ट्रीय सिंधी भाषा विकास परिषद्,
नई दिल्ली



अतिथि वक्ता
प्रो. हासो दादलानी
पृथ्वीराज चौहान महाविद्यालय, अजमेर
राष्ट्रीय सिंधी भाषा विकास परिषद्,
नई दिल्ली



अतिथि वक्ता
सुश्री वीना श्रुंगी
वरिष्ठ कवयित्री एवं साहित्यकार
वरिष्ठ सचिव, सिंधी महिला समूह
राष्ट्रीय सिंधी भाषा विकास परिषद्, नई दिल्ली



प्रो. सैल शर्मा
संचालक,
संत शदाराम साहिब सिंधी अध्ययन-केंद्र
अध्यक्ष साहित्य एवं भाषा-अध्ययनशाला,
पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर



संयोजक
डॉ. मधुलता बारा
सहायक प्राध्यापक (हिंदी)
साहित्य एवं भाषा-अध्ययनशाला
पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर



सह-संयोजक
डॉ. गिरजा शंकर गौतम
सहायक प्राध्यापक (हिंदी)
मूल विज्ञान केंद्र
पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर

सम्माननीय सदस्य

- श्री उदय लाल जी शदाणी
- श्री दर्शन निहाल
- प्रो. ताराबंद जी मोहनानी अतिथि
- श्री चंद्रमान रायदा
- इंदु चंदवानी
- श्री दीपक वाघवानी
- श्री अमित कूलविद्यया

आयोजन समिति

- डॉ. स्मिता शर्मा, सहायक प्राध्यापक (जैमरेजी)
- डॉ. कौस्तुभमणि द्विवेदी, अतिथि सहायक प्राध्यापक
- श्री प्रीतम कुमार दास, सहायक प्राध्यापक (हिंदी)
- श्री हितेश कुमार तिवारी, शोध-छात्र

पंजीयन लिंक

<https://forms.gle/BojaMVbMTRSLKCAw6>

व्हाट्सएप ग्रुप लिंक

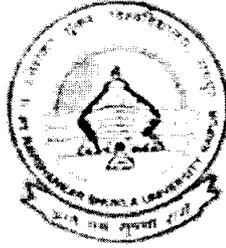
<https://chat.whatsapp.com/KIASuFh5mXLLICUKYFYS3x>

महत्वपूर्ण निर्देश :-

1. पंजीयन पूर्णतः निशुल्क है।
2. कार्यक्रम का प्रसारण, ऑन एच यू-ट्यूब के माध्यम से होगा।
3. कार्यक्रम की सूचना व्हाट्सएप ग्रुप के माध्यम से दी जाएगी।
4. पंजीयन प्रतिभागियों को फीडबैक फॉर्म भरने पर ई-प्रमाणपत्र दिया जाएगा।
5. सभी प्रतिभागियों को व्हाट्सएप ग्रुप से जुड़ना अपेक्षित है।

संपर्क :-

संत शदाराम साहिब सिंधी अध्ययन-केंद्र,
साहित्य एवं भाषा-अध्ययनशाला
पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर (छत्तीसगढ़)
मो. नं. - 94242-18090, 94255-42755, 94242-29233



साहित्य एवं भाषा-अध्ययनशाला

पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर (छ. ग.)

राष्ट्रीय ई-संगोष्ठी

हिंदी रंगमंच और सिनेमा

10 नवंबर 2020 (मंगलवार)

मध्याह्न - 12:00 बजे



साहित्य एवं भाषा-अध्ययनशाला

पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर (छ. ग.)



राष्ट्रीय ई-संगोष्ठी

10 नवंबर 2020 (मंगलवार) मध्याह्न - 12:00 बजे से

हिंदी रंगमंच और सिनेमा



संरक्षक
प्रो. केशरी लाल वर्मा
कुलपति
पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर



प्रो. गिरीश कांत पाण्डेय
कुलसचिव
पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर



मुख्य अतिथि
श्री अशोक मिश्र
प्रख्यात क्लिप पटकथा लेखक, मुंबई



विशिष्ट वक्ता
श्री आलोक चटर्जी
निदेशक, मध्यप्रदेश नाट्य
विद्यालय, भोपाल



विशिष्ट वक्ता
डॉ. योगेन्द्र चौबे
सहा. प्राध्यापक नाट्य विभाग,
हरिद्वार कला एवं संगीत विश्वविद्यालय, खैराबाद



विशेष सहयोग
श्री जयप्रकाश शर्मा
वरिष्ठ रंगकर्मी,
वरिष्ठ अधीक्षक (सेवानिवृत्त)
पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर



डॉ. स्मिता शर्मा
सहायक प्राध्यापक (अंगरेजी)



डॉ. गिरजा शंकर गौतम
आयोजन सचिव
सहायक प्राध्यापक (हिंदी)



डॉ. मधुलता बारा
सह-संयोजक
सहायक प्राध्यापक (हिंदी)



प्रो. शैल शर्मा
संयोजक एवं अध्यक्ष,
साहित्य एवं भाषा-अध्ययनशाला



डॉ. कौस्तुभ मणि द्विवेदी
तकनीकी सहयोग



श्री प्रीताम कुमार दास
तकनीकी सहयोग



श्री हितेश तिवारी
मीडिया प्रभारी

पंजीयन लिंक

<https://forms.gle/oQPvWXq7oBcfyxNm6>

महत्वपूर्ण निर्देश:-

1. पंजीयन पूर्णतः नि:शुल्क है।
2. कार्यक्रम का प्रसारण जूम एम एच एव यू-ट्यूब के माध्यम से होगा।
3. कार्यक्रम की सूचना क्विड्सएण्ड टेलिग्राम ग्रुप के माध्यम से दी जाएगी।
4. पंजीयन प्रतिभागियों को फीडबैक फॉर्म भरने पर ई-प्रमाणपत्र दिया जाएगा।
5. सभी प्रतिभागियों को क्विड्सएण्ड ग्रुप से जुड़ना अपेक्षित है।

संपर्क :-

साहित्य एवं भाषा-अध्ययनशाला
पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर (छत्तीसगढ़)
फ़ोन नं. - 94242-16000, 94256-42756, 94242-29233

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साहित्य एवं भाषा-अध्ययनशाला

पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर (छत्तीसगढ़)

सादर पहना,

राष्ट्रीय ई-संगोष्ठी

28 नवंबर 2020 बिहानिया 11:00 बजे ले

छत्तीसगढ़ी भाषा, संस्कृति अउ लोक साहित्य



हगर मुखिया
प्रो. केशरी लाल वर्मा
कुलपति
पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर



प्रो. गिरीश कान्त पाण्डेय
कुलसचिव
पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर



माई पहना
प्रो. चित्तरंजन कर्
वरिष्ठ भाषाविद् एवं साहित्यकार

खास पहना



डॉ. राजन यादव
प्रख्यातक, हिंदी विभाग, इंदिरा कला संगीत
विश्वविद्यालय, खैराबाद (छ. ग.)



डॉ. अनिल भतपहरी
सहा. संचालक, उच्च शिक्षा संचालनालय
अटल नगर नवा रायपुर (छ. ग.)



श्री रामनाथ साहू
छत्तीसगढ़ी साहित्यकार
व्याख्याता शिक्षा विभाग छ. ग. रासन

आयोजक मंडल



डॉ. स्मिता शर्मा
सहायक प्राध्यापक (अंग्रेजी)



डॉ. गिरजा शंकर गौतम
आयोजन सचिव
सहायक प्राध्यापक (हिंदी)



डॉ. मधुलता बारा
सह-संयोजक
सहायक प्राध्यापक (हिंदी)



डॉ. शैल शर्मा
संयोजक
प्रोफेसर एवं अध्यक्ष,
साहित्य एवं भाषा-अध्ययनशाला



डॉ. कौस्तुभ मणि द्विवेदी
तकनीकी सहयोग



श्री हितोश कुमार
मीडिया प्रणारी



श्री प्रीतम कुमार दास
तकनीकी सहयोग

महत्वपूर्ण निर्देश :-

1. पंजीयन पूर्णतः नि:शुल्क हे
2. कार्यक्रम के प्रसारण जब एप अउ यू-ट्यूब के माध्यम ले होतै
3. कार्यक्रम के संदेश कादसाए अउ टेलिग्राम ग्रुप के माध्यम ले दे जातै
4. पंजीयन प्रतिभागी बन ला फॉरवर्डिंग फॉर्म भरे के बाद ई-प्रमाणपत्र दे जातै
5. सब्बो प्रतिभागी भवन ला कादसाए का-टेलिग्राम ग्रुप ले जुड़ना अपेक्षित हे

पंजीयन लिंक

<https://forms.gle/2ki5Uo9ZJeaFRH9JA>

संपर्क :-

साहित्य एवं भाषा-अध्ययनशाला
पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर (छत्तीसगढ़)
मि. नं. - 94242-16000, 94255-42756, 94242-29233

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Online National Workshop on

"Statistical Computational Techniques Using Python, R and SPSS"

July 18-20, 2020

A Report

School of Studies in Statistics, Pt. Ravishankar Shukla University, Raipur organized a three days online National Workshop on "Statistical Computational Techniques Using Python, R and SPSS" from July 18 to 20, 2020. The Program was inaugurated by Prof. Keshari Lal Verma, Vice-Chancellor, Pt. R.S.U., Raipur. In his speech, Prof. Verma told the Workshop very useful for Data Practitioners and Researchers, especially in Management and Social Sciences.

On the first day, Prof. Suresh Sharma, Panjab University, Chandigarh delivered 3 Lectures (10:00 AM-11:00 AM, 11:30 AM- 1:00 PM & 2:30 PM-4:00 PM) of one and half hours each on the application of SPSS software with a brief introduction of Descriptive Statistics, Sampling Techniques and Hypothesis testing. He discussed Hand-on Practice for the computation of Statistical parameters like measures of Central Tendency, Dispersion, Correlation and Regression. A Lecture on "R Language" was also organised by Prof. A.K. Singh, Indira Gandhi Krishi Vishwavidyalaya, Raipur from 4:30 PM-6:00 PM.

On second day of Workshop, Prof. Suresh Sharma delivered 2 Lectures (10:30 AM-11:00 AM & 11:30 AM- 1:00 PM) on SPSS for computation of Principal components, Factor analysis, Analysis of variance and Co-variance; while Prof. A.K. Singh delivered two lectures (2:30 PM-4:00 PM & 4:30 PM-6:00 PM) on "R" based on such computations.

On third day, 20/7/2020, Prof. Aniruddha Joshi from Savitibai Phule Pune University delivered two lectures (10:30 AM-11:00 AM & 11:30 AM- 1:00 PM) on 'Python Language' with Hands-on practice with live examples of Big Data. Prof. A.K. Singh delivered a lecture (2:30 PM-4:00 PM) on 'R' and Prof. Diwakar Shukla, Dean, Faculty of Science and Head, Dept. of Computer Science, DR. H.S. Gour University, Sagar (M.P.) shared his view over 'Big Data Analysis' from 4:30 PM-5:15 PM.

At last, a Valedictory function was organized at 5:15 PM in the Chief Gesture of Prof. Kallol K. Ghosh, Dean Faculty of Science and Co-ordinator, Outreach Centre, Pt. Ravishankar Shukla University, Raipur. On this occasion Prof. Mitashree Mitra, Pt. R.S.U., Raipur; Prof. G.B. Mishra, Utkal University, Bhubneshwar; Prof. Sanjay Khadakar, Shivaji College, Akola were present as Special Guest.

There was no registration fee for attending the workshop. About 1000 candidates had registered for participation from all over the India and abroad, out of which about 400 participants attended all the Sessions.

17/11


(Dr. Vyas Dubey)

PROFESSOR & HEAD
School of Studies in Statistics
Pt. Ravishankar Shukla University
RAIPUR (C. G.)