



Life Sciences

School of Studies in Life Science



ESTD. 1977

Recipient of UGC DRS-SAP (I, II, III)

Recipient of DST-FIST (I, II)

Adjudged as the best department on the campus in 2012-13

**Pandit Ravishankar Shukla University
Raipur - 492010, Chhattisgarh**

The School of Studies in Life Science (SLS) established in 1977, has been imparting quality education and carrying out state-of-the-art research in the domain of biological sciences. It offers postgraduate degrees in Bioscience, Microbiology, and Biochemistry and attracts large number of students from all corners of the country. The School has a good track record and has significant achievements under the leadership of former heads of the department, namely Prof. S.M. Agarwal, Prof. S.S. Ali, Prof. M.L. Naik, Prof. V. Rai, Prof. A.K. Pati, Prof. A.K. Gupta, Prof. S.C. Naithani, Prof. S.K. Prasad, and Prof. R.K. Pradhan. Presently, Prof. Aditi Poddar is at the helm of the School of Studies in Life Science. The School has made noteworthy contributions in the realm of Animal Behavior, Chronobiology, Endocrinology, Environmental Biology, Ethnobotany, Immunology, Microbial Biochemistry, Parasitology, Plant Tissue Culture, Seed Biology, Environmental toxicology, Nanobiology, and Proteomics. Its faculty members receive research grants from various leading funding agencies and guide number of students for their Ph.D. degrees. The School has facilities to carry out research work in various branches of modern biology and has been the proud recipient of DST-FIST (Phase I & II). It has also been tagged as a SAP department under the DRS program (Phase I, II & III) by the UGC, New Delhi under the thrust area ‘Chronobiology.’

Distinctions earned

DST-FIST	2001-2005
UGC DRS-SAP Phase-I*	2002-2009
UGC DRS-SAP Phase-II*	2010-2015
DST-FIST Level-I	2012-2017
WHO International Project on BIOSphere and COSmos (BIOCOS), Minnesota, USA	2005-present
International Association for Research on Time in Biology and Chronotherapy (ARTBC), Paris, France	2007-2015
UGC DRS-SAP Phase-III*	2016-2021
Best Department of the PRSU	For academic session 2012-2013

*Thrust Area: Chronobiology

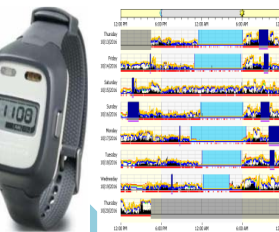
Courses offered

- PG in three Subjects: Bioscience, Microbiology, Biochemistry
- PhD in six Subjects: Bioscience, Microbiology, Biochemistry, Zoology, Botany, and Biotechnology

Common facilities



Research Facilities



Faculty

NAME	QUALIFICATION	DESIGNATION	RESEARCH AREA
A.K. Gupta, FZS	Ph.D. Bioscience	Professor	Parasitology & Immunology, Vector Biology, Developmental Biology, Medical Microbiology
S.K. Prasad	Ph.D. Zoology	Professor	Endocrinology, Reproductive Physiology
A.N. Poddar	Ph.D. Bioscience	Professor & Head	Parasitology, Immunology, Environmental toxicology
A. Parganiha, ISCAYS, FISC	Ph.D. Bioscience	Professor	Chronobiology, Animal Physiology, Animal Behaviour
A. Ekka, FES	Ph.D. Botany	Professor	Plant Pathology, Ethnobotany
L. Prabhas	M.Phil., Biotechnology, NET	Asst. Professor	Biotechnology
S.S. Dewhare	Ph.D. Biotechnology	Asst. Professor	Microbial Biochemistry, Drug Targeting, Molecular Biology, Proteomics
M.K.Patel	Ph.D. Biotechnology	Asst. Professor	Nanobiology, Nano-Biosensors Nano-Devices and Molecular-Diagnostics

SUPERANNUATED FACULTY

NAME	QUALIFICATION	DESIGNATION	RESEARCH AREA
Prof. S.M. Agarwal (1978-1990)	Ph.D. Zoology	Professor	Entomology, Parasitology
Prof. S.S. Ali (1978-1993)	Ph.D. Botany	Professor	Plant Pathology, Microbiology
Prof. M.L. Naik (1993-2004)	Ph.D. Botany	Professor	Limnology, Plant Biodiversity
Prof. S.K. Mishra (1978-2009)	Ph.D. Botany	Professor	Cell Biology, Cytogenetics
Prof. Vibhuti Rai (1977-2011)	Ph.D. Biochemistry	Professor	Enzymology and bioenergetics
Prof. V. Koche (1990-2020)	Ph.D. Bioscience	Professor	Plant Tissue Culture
Prof. S.C. Naithani (1990-2020)	Ph.D. Life Science	Professor	Germplasm Conservation, Oxidative Stress, Seed Biology
Prof.A.K. Pati, FNASc, FNAMS (1983-2021)	Ph.D. Zoology, Dip. in Chronobiology (Paris)	Professor	Chronobiology, Animal Physiology, Behaviour, Biodiversity
Prof. R.K. Pradhan (2003-2022)	Ph.D. Bioscience	Professor	Biochemistry, Chronophysiology

Workshops organized

3rd National Workshop: Trends & Techniques in Chronobiology, March 21-27, 2017



4th National Workshop: Trends & Techniques in Chronobiology, March 10-16, 2018



5th National Workshop: Trends & Techniques in Chronobiology, March 2-8, 2019



6th National Workshop: Trends & Techniques in Chronobiology, March 21-27, 2023



Research Facility Training organized-12th March 2022



National Science Day- 17th March 2023 organized

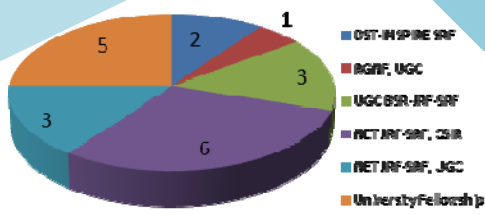


Achievements/Awards/Recognitions

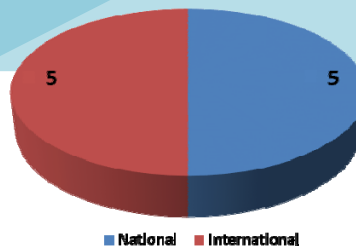
Post doctoral fellows :

- Dr. Vijaya Laxmi Ghosh (PDF), UGC, New Delhi, YEAR 2018
- Dr. Babita Pande, Research Associateship (RA), CSIR, New Delhi, 2014

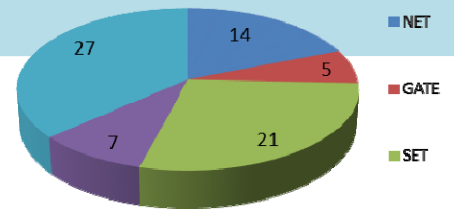
Ph.D. Scholarship



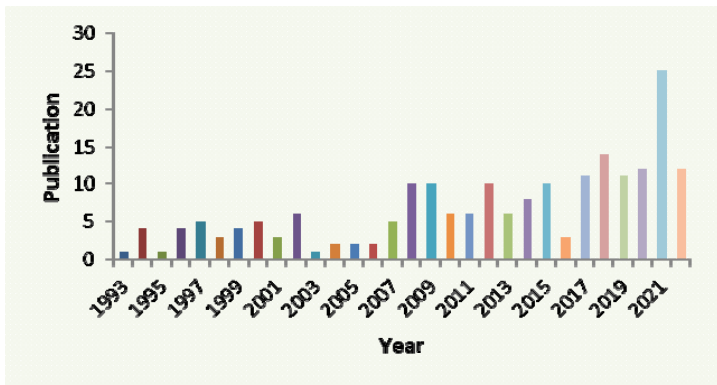
Awards to Students



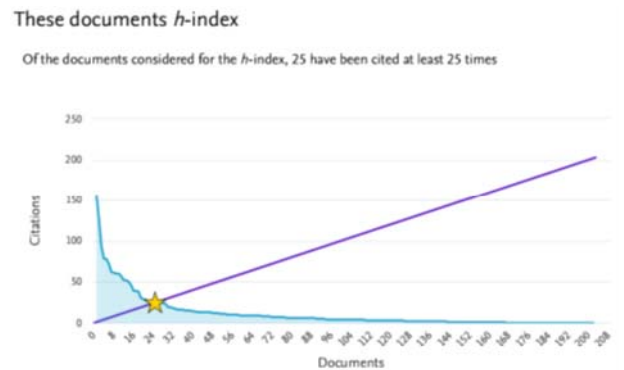
Other Scholarship



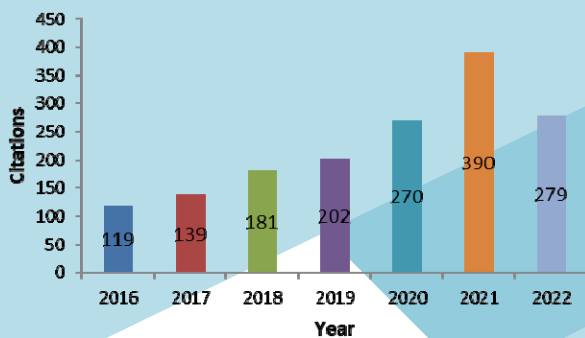
Yearly Publications in Scopus



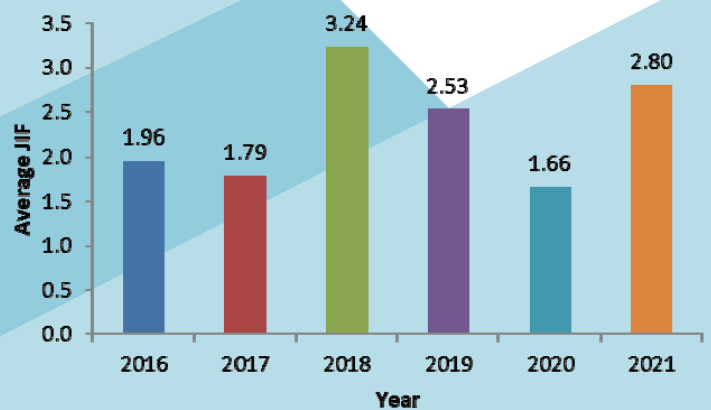
h-index (2016-2022) Scopus



Citations (2016-2022) Scopus



Average JIF



Weekend Best Practices

(Activities on Capacity building)



Motivational talks -In search of your dreams



Instrument training



Sports activities



Creative art and modeling



Placement opportunities



Career guidance program

“We care for all-round education and development of the personality”



INTERACTIVE SESSIONS AND CULTURAL ACTIVITIES (2016-23)



Capacity building



Know your department



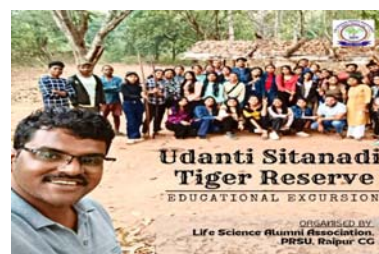
Vocabulary enhancement



Magic of Cracking UPSC and State PSC



“Azaadi70-Yaad karo qurbani”



Educational Excursion



Entrepreneurship development



Tribute to the Mahatma



Cultural activities



Women Empowerment



Swachh Bharat Abhiyan



Vision:

- To make quality higher education accessible to all sections of society, including the tribal population of Chhattisgarh.
- To provide quality education in the disciplines of arts, humanities, social sciences, natural sciences and other disciplines of learning.
- To develop human resource with world class competence and skills in the respective disciplines.

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