National Webinar
on
Science and Technology for Innovations, Entrepreneurship and Jobs
under the aegis of

Public Outreach Center of Pt. RavishankarShukla University, Raipur, C.G.

17th March 2021

Time : 11:00 AM

Organized by
SOS in Electronics and Photonics,
Institute of Renewable Energy Technology and Management,
Pt. RavishankarShuklaUniversity,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, we shall focus on the job scenario for graduates, which is currently in a flux. It calls for challenges to be met in converting innovations into entrepreneurships/start-ups, utilizing

updates in science education in a manner that convertsthe disruptive exponential technologies into new job opportunities. Alternately, the young aspirants can acquire new skills and potentials by upgrading their own learning continuallyand mastering new evolving innovationsto stay aheadand 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 Educcation Society (DAE); Chairman, Basic Sciences Committee, BRNS (DAE); Associate Director, Physics Group, BARC; Head, Technical 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 in North America, Europe, Japan, Russia, Taiwan, South Korea, Israel, Thailand, Singapore and Russia etc, 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 P.hD 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.

Important Information about Webinar

- **No Registration Fee**
- **Registration Link: https://forms.gle/eeeTE8wGZeLKrohQ7**
- **QRL Code:**
- **Every Participant will get e-certificate on attending the webinar and filling the Feedback form**
- **Webinar Link:**

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