



RIMT
UNIVERSITY
"education for life"

National Conference
On
Trends in Basic and Applied Sciences

December 7-8, 2020

Organized By:

School of Basic and Applied Sciences

RIMT University

Mandi Gobindgarh, Punjab

INDIA

ABOUT THE HOST UNIVERSITY

Driven by a strong inclination to assign the futuristic parameters to standards of education today, RIMT carries forward an illustrious history since its inception in 1998. Continuing on its path of growth, RIMT has initiated an unprecedented by adding a new institution every year from 2002 to 2019. This legacy continues with RIMT University which was established by the Govt. of Punjab as per Punjab Act No. 31 of 2015 & under section 2(f) of the UGC

RIMT University has embraced innovation and challenged the status quo. An entrepreneurial perspective encourages students, staff and faculty to challenge convention, lead discovery and explore new ways of learning. Here, bold thinking is given a place to develop into ideas that can change the world



ABOUT THE CONFERENCE

RIMT School of Basic and Applied Sciences proudly welcomes you to the **National Conference on Trends in Basic and Applied Sciences 2020** to be held on **7th – 8th December 2020 virtually**. The National Conference Trends in Basic and Applied Sciences 2020 will bring together researchers and practitioners from academia and industry to focus on advancements in the field, and establish new collaborations in these areas. This conference will provide an excellent opportunity for all delegates to present their research while sharing knowledge in all areas of Bioscience and Forensic science.

The National Conference will have four invited talk by eminent researchers from their respective fields of specialization. Each invited talk will be followed by free papers presentation. There will be awards for the best paper & poster presentation. The posters will be in the form of e-posters and will be evaluated on the basis of not only of their quality of contents but also by the votes of the participants for each paper.

As we all are aware of the COVID-19 pandemic situation officially declared by WHO, the global health crisis is of utmost importance for all of us. So, following the advice, guidelines, and safety measures unlike previous all the years, this year the conference will be held virtually.

The two days conference will have four key note speakers and ample time for presentation of research papers and discussion.

We promise to give you the best possible out of the existing situations. We hope to get all your cooperation like every year.

INVITED TALKS

Dr. Prof. UWM, Jaroslaw Moszczynski

Head, Department of Forensic Sciences

Faculty of Law and Administration

University of Warmia and Mazury in Olsztyn. Poland



- Faculty of Law and Administration since 2003
- Vice President of the Polish Forensic Society
- Holder of Erasmus + for more than once
- He will be speaking on **Examination of the causes of subjectivity in forensic identification and the discovery of multi- individuality of handwriting.**

Dr. G. K. Goswami, IPS

M.Sc., LLM, PhD (Medicinal Chemistry)

PhD (Law), D.Sc (Forensic Sciences and Law)

Formerly Director of CBI Academy, Ghaziabad. Served as an expert on organized crimes in the United Nations Office on Drug and Crime (UNODC). Hon'ble President of India has honored him 2nd Bar by decorating three times with Police Medal for Gallantry, the highest national award for Police.

Recipient of the Police Medal for Meritorious Service conferred by the Hon'ble President of India. His Excellency the Governor of Uttar Pradesh has also conferred upon him Gold Medal for Gallantry. While serving in police, he transformed himself into a student of Law and won several Gold Medals and Commendations in his legal academic endeavour of LL.B. and LL.M. In 2018,

awarded second Ph.D. from the Tata Institute of Social Sciences (TISS), Mumbai on the subject "Enabling Access to Justice in Sexual Offences: Role of DNA Profiling". Recently, the National Forensic Sciences University (NFSU), Gandhinagar has awarded him prestigious D.Sc. (Post-doctoral degree) on "Role of Forensics in Strengthening Child Rights under the POCSO Act, 2012" under the supervision of Dr. JM Vyas, Vice Chancellor.



He became FIRST INDIAN to have this prestigious academic distinction. He has also been selected for Flex Award of the Fulbright-Nehru Academic and Professional Fellowship (2020-21). National Law University, Delhi (NLUD), and National Forensic Science University (NFSU), Gandhi Nagar in recognition of his academic contribution, have recently designated him the Honorary Professor of Law. Rashtriya Raksha University, Gandhi Nagar has designated him Emeritus Resource Faculty, in recognition of his academic and professional endeavours.

Dr. Goswami is an avid writer especially on exploring interface of Law and Sciences and has authored several articles in various journals of international repute. In 2016, he has authored a popular book titled “Assisted Reproduction and Conflicts in Rights” reflecting on equitable justice between reproductive rights of the parents and the child’s right to know genetic truth of one’s origin. Author of more than 35 articles, his name figures in the lists of Editorial Board of prestigious academic journals; and he also contributes as a peer reviewer for various Journals on various disciplines of law, policing, evidence, translational Criminology etc.

He will be speaking on **Forensic Jurisprudence: Scope and challenge in India.**

Dr. Rakesh Pandey

Ph.D, DAAD Fellow, FNAAS

CSIR-Emeritus Scientist

(Ex. Senior Principal Scientist, Professor -AcSIR)

Ageing Biology Lab

CSIR-Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP,

Lucknow – 226015



He is CSIR Emeritus Scientist at CIMAP, Lucknow and Senior DAAD fellow, Germany. He has more than 150 research publication, 18 review articles and 32 book chapters in addition to 4 US patents to his credit.

Honours / Awards (Giving only few)

- DAAD Fellow & Senior DAAD fellow (Uni. Bonn, Germany): 1991-93, 1999
- Visiting Scientist Associate: University of Pittsburgh USA, 2003-2006
- Fellow (Awarded), National Academy of Agriculture Science, New Delhi (FNAAS)-2015,
- Nematological Society of India (FNSI), New Delhi (1998, Indian Phytopathological Society (FPSI), New Delhi (1999) ,Indian Botanical Society (FBS), (2006), Indian Society of Mycology and Plant Pathology (FISMPP (2007), Indian Academy of Horticultural Sciences (FIAHSc, 2018)
- CSIR Technology Award -1999 & 2015
- Golden Peacock Award for Eco-Innovation in 2008.
- Prof. V.P. Bhide Memorial Award in 2008 for outstanding contribution in Phytopathology at University of Mysore, Mysore
- Outstanding Scientist Award in 2010 at, Institute of Agricultural Sciences, Banaras Hindu University (BHU), Varanasi.

- Member CIMAP-JNU Academic Council 2009-11 & President (Indian Phytopathological Society New Delhi-MEZ) 2013-14, Dastur Memorial Award in 2017, IPS, New Delhi, Prof. M.L. Saha Memorial Award in 2017, NSI, New Delhi, Prof. Uma Kant Sinha Memorial Award- 2020 by Indian Botanical Society etc.
- Member DST Task Force WOS, IQAC & Gov. Board CSVTU, Bhilai, Major Research Contributions

His path-breaking research contributions are (a) strategic utilization of *Caenorhabditis elegans*, a multicellular model system as biosensor for monitoring environmental and heavy metal toxicities in soil, and (b) identification of several novel phytomolecules from medicinal and aromatic plants for their anti-ageing, neuroprotective and cognitive booster activities especially anti-Alzheimer and anti-Parkinson activities.

He will be delivering a scientific lecture based on his research titled, **Aging and age related neurodegenerative diseases: an emerging field of biomedical sciences**

Dr. R. S. Singh

Dean Faculty of Life Sciences and Professor & Head

Department of Biotechnology

Punjabi University, Patiala.

Dr Singh is Fellow of Biotech Research Society of India; Fellow of Indian Academy of Microbiological Sciences; Fellow of Mycological Society of India; Member of Food Safety and Standards Authority of India, Govt. of India; Assessor National Assessment and Accreditation Council, Govt. of India. He is recipient of many National and International awards like MASHAV-UNESCO, Israel; Visiting Professor, Swiss Federal Institute of Technology, Lausanne (EPFL, Switzerland); Visiting Professor, Clermont Auvergne University, Clermont, France; Visiting Scientist, National Institute of Pharmaceutical & Educational Research, Mohali; Popularization of Science Award (2013) by Punjab State Council for Science and Technology, Chandigarh. Recently, he has represented in the India-China collaborative program on "Waste to Energy" organized by Zhejiang University, Hangzhou. Dr. Singh has more than 26 years of teaching and research experience in Industrial Biotechnology.

His current focus areas of research are Biofuels, Microbial Polysaccharides, Industrial Enzymes, Microbial Lectins, Fructo oligosaccharides, Natural Sweeteners, etc. He has secured to his credit more than 250 publications/communications, which include 2 patents, 5 books, 50 book chapter, 40 popular articles and 170 original research papers/review papers. He has in his credit h-index of 38, i10 105 and 5500 citations (Google scholar). Dr. Singh is Editor of various national/international journals. He is honorary consultant to various regional food & biotech industries and has successfully completed many consultancy projects. **His name is listed in top 2% Scientists World's List 2020.**

His topic for talk will be **Genetically Modified foods**



Registration Fees Details

Faculty	150/-
Research Scholar	100/-
Students	50/-

Registration fee may please be paid preferably online or by demand draft in F/O: RIMT University as per details below:

Oriental Bank of Commerce SBA/C 52482413000112, IFSC code: ORBC0105248

Click here to pay:

<https://www.payumoney.com/customer/users/paymentOptions/#/C161170AFB9E361F65F930FDB14FDD34/wwrimtacin/178237>

Or

http://m.p-y.tm/rimtgnr_web

Payable at: - Mandi Gobindgarh (Dist. Fatehgarh Sahib, Punjab)

Last date for registration: December 06, 2020

Abstract of research paper may be submitted by November 30, 2020

Abstract may please be mailed at opj@rimt.ac.in

Registration form link <https://forms.gle/NBFMvqPgBX5bKfPh6>

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