



Dr. Sudhir Kumar

Professor and Head – Department of Biotechnology and Bioinformatics

International Collaboration Centre (ICC) Convener

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I work in the area of Environmental Biotechnology. I had my graduation and post graduation from Panjab University, Chandigarh, Ph.D. as CSIR fellow from TIET, Patiala, post doctoral from Department of Chemical and Biological Engineering, South Dakota School of Mines and Technology, USA. I work in the area of Biofuels, Bioremediation and industrial enzymes. I had collaborative research with South Dakota School of Mines and Technology (SDSMT), Rapid City, SD, USA and departmental level collaborations for Students' Exchange with University of Nebraska, Omaha, USA, G.K. Skryabin Institute of Biochemistry and Physiology of Microorganisms, Russia and SDSMT, USA. I shared my research work at SIMB, Washington DC by DBT, Overseas Travel support and also shared my research findings in Ghent, Belgium.

The motto of ICC is to strengthen international collaborations through joint teaching and research programs with overseas institutes of repute. Feel free to contact me or any Foreign Relation Officer of ICC in case of any query.



Dr Hemant Sood

Associate Professor - Department of Biotechnology and Bioinformatics

Foreign Relations Officer - Biotechnology and Bioinformatics

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Biography: My research is focused on various aspects of plant tissue culture, be it development of micropropagation technologies for different plant species, selection of genetically superior cell lines for various traits, optimization of tissue culture protocols for use in genetic transformation, development of cell culture technologies for production of phytopharmaceuticals in high value medicinal plants. I have three Granted Patents as lead inventor from the Govt of India at JUIT. I have chaired a session in International Conference “ICBBB 2012: International Conference on Bioscience, Biotechnology, and Biochemistry” Venice, Italy. I was awarded with International Scholarship by the Israel’s Agency for International Development Cooperation (MASHAV) Israel’s Ministry of Foreign Affairs which was availed at The Hebrew University of Jerusalem.



Dr. Ragini Raj Singh

Associate Professor - Department of Physics and Materials Science

Foreign Relations Officer - Physics and Materials Science

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Dr. Ragini Raj Singh currently working as an Associate Professor in the Department of Physics and materials Science, Jaypee University of Information Technology, Wagnaghat, Solan, Himachal Pradesh, India. She has three years research and teaching experience as post doctoral fellow from Tel Aviv University, Israel from 2006-2009. She has done her Ph.D. from Bhopal University in 2006 on Passivation processes for Mercury cadmium Telluride based IR detectors. She holds an extensive post Ph.D. teaching and research experience of more than 14 years in the field of materials science with experimental research expertise focusing on semiconductor physics, quantum dots, core/shell quantum dot structures, magnetic nanoparticles, magneto-fluorescent core/shell nanostructures for electronics and bio based applications. My work has been published in various journals of international repute such as Scientific report, Materials Science and Engineering B, Materials Chemistry and Physics, Physica E, Spectrochimica Acta A, Journal of Luminescence etc.

Professional profile:

March 2021- Till date: Associate Professor in the Department of Physics and Materials Science, Jaypee University of Information Technology (JUIT), Wagnaghat, Solan-173234, H.P

January 2012- February 2021: Assistant Professor (Grade-I), Assistant Professor (Grade-II) and Assistant Professor (Senior Grade) in the Department of Physics and Materials Science, Jaypee University of Information Technology (JUIT), Wagnaghat, Solan-173234, H.P.

January 2011- January 2012: Post doctoral Fellow and Teaching in Department of Physics, Jaypee University of Information Technology (JUIT), Wagnaghat, Solan-173234, H.P.

January 2010- December 2010: Lecturer, Department of Nanotechnology, Barkatullah University Institute of Technology (BUIT), Barkatullah University, Bhopal-462026, M.P.

2006-2009 Post Doctoral Fellow in Department of Physical Electronics, Iby and Aladar Fleishman Faculty of Engineering, Tel-Aviv University, Tel-Aviv-69978, Israel.

2004-2006 Senior Research Fellow in the Department of Physics Barkatullah University, Bhopal,

India.

2003-2004 Senior Research Fellow in the project funded by BRNS, BARC, Mumbai, India.

2001-2003 Junior Research Fellow and senior research fellow in the project funded by SSPL, DRDO, Delhi, India



Dr Tanu Sharma

Associate Professor - Department of Humanities and Social Sciences

Foreign Relations Officer – Humanities and Social Sciences

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Professor Sharma has been associated with the university from the last 15 Years. She received her Master's degree in Business Administration from Himachal Pradesh University, Shimla in 2001 and PhD from Jaypee University of Information Technology, Wanknaghat. She also holds a Master's degree in Mass Communication and Journalism. Tanu's research interest includes Emotional Intelligence, Leadership and Conflict Management.



Dr. Sugandha Singh

Assistant Professor – Department of Civil Engineering

Foreign Relations Officer – Department of Civil Engineering

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Dr. Sugandha Singh is from Haldwani, Uttarakhand. She has finished B.Tech. in Civil Engineering from Govind Ballabh Pant University of Agriculture & Technology. After graduation, She worked as a Project Engineer/Coordinator at Shapoorji Pallonji & Co. Ltd. in Mumbai, India. She is graduated with an M.S. and Ph.D. degrees from the Department of Civil, Construction, and Environment Engineering at North Carolina State University with a specialization in Structural Engineering. Her research work focused on studying the effects of High-Frequency Ground Motion on important structures such as Nuclear Power Plants. Her Ph.D. dissertation is titled "Factors Affecting the Seismic Response of Safety-Related Electrical Equipment in Nuclear Power Plants Subjected to High-Frequency Ground Motions." This research has far-reaching applications in addition to safety assessments of non-structural components of Nuclear Power Plants.



Dr. Ruchi Verma

Assistant Professor - Department of Computer Science and Engineering

Foreign Relations Officer - Computer Science and Engineering

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Dr Ruchi Verma has completed her Bachelor of Engineering from NIT Hamirpur, M.Tech. and PhD from Jaypee University of Information Technology. Currently, she is working as an Assistant Professor in the department of Computer Science and Engineering at Jaypee University of Information Technology, Solan, India. She has a rich experience of Project Management at an international level, and a long term work association with Software Industry in India and abroad. She is also on the Board of Directors of an organization which is a leading knowledge based platform at an international level. She is also the Executive Director of a Center of Excellence on Industry 5.0 established in collaboration with the University of Nebraska, Omaha, USA. She is also associated with the Education Department of Himachal Pradesh, the Municipal Corporation of Shimla, Himachal Pradesh, and the Women Service Commission Himachal Pradesh as a consultant. Her research interest includes Artificial Intelligence, Industry 5.0, and Information Systems.



Dr. Ashok Kumar Nadda

Assistant Professor - Department of Biotechnology and Bioinformatics

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Dr. Ashok Kumar Nadda is working as an Assistant Professor in the Department of Biotechnology and Bioinformatics, Jaypee University of Information Technology, Waknaghat, Solan, Himachal Pradesh, India. He holds an extensive ‘Research and Teaching’ experience in the field of microbial biotechnology, with research expertise focusing on various issues pertaining to ‘nano-biocatalysis, microbial enzymes, biomass, bioenergy’ and ‘climate change. He holds International work experiences in South Korea, India, Malaysia, and People’s Republic of China. He worked as a post-doctoral fellow in the State Key Laboratory of Agricultural Microbiology, Huazhong Agricultural University, Wuhan China. He also worked as a Brain Pool researcher/ Assistant Professor at Konkuk University, Seoul, South Korea. Dr. Ashok has published more than 135 scientific contributions in the form of research, review, books, book chapters and others at several platforms in various journals of international repute. The research output includes 90 research articles, 30 book chapters and 16 books. He is the main series editor of “**Microbial Biotechnology for environment, energy and health**” that publishing the books under Taylor and Francis, CRC Press USA. He is also a member of the editorial board and reviewer committee of the various journals of international repute.



Dr. Bhupendra Kumar Pathak

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Dr. Bhupendra Kumar Pathak is associated with Jaypee education system since June-2011. Presently he is working in the Department of Mathematics and involved in teaching and research. His present research interest includes soft computing techniques and evolutionary computation methods such as neural network, fuzzy logic and genetic algorithms. He has published several research papers in national and international peer reviewed journals.



Dr. Salman Raju Talluri

Assistant Professor - Department of Electronics and Communications Engineering

Foreign Relations Officer- Electronics and Communications Engineering

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Salman Raju Talluri has completed his M.Tech from IITK in 2009 and obtained his Ph.D in 2017 from Jaypee University of Information Technology, Solan, Himachal Pradesh, India. His areas of interest include non-linear transmission lines, microwave engineering and antenna arrays. He is currently working as an Assistant Professor in Jaypee University of Information Technology, Solan. He has more than ten years experience in teaching and research. He was with the Astra microwave products limited, Hyderabad for one year 2006 to 2007.