

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

(Established by H.P. State Legislature vide Act No. 14 of 2002)

VISIT OF EXPERTS FROM TECHNOLOGY ENABLING CENTRE (TEC), UIET, PANJAB UNIVERSITY, CHANDIGARH



Prof. C R Suri (*Chairman of the Management Committee of DST-TEC*), **Prof. Rupinder Tewari** (*DST appointed mentor of DST-TEC*), and **Prof. Manu Sharma** (*Coordinator of TEC*) visited JUIT on June 10, 2023 (Saturday), at 11:00 AM.

The team interacted with Dean (A&R), Dean of Students, Associate Dean (I), CoE, All HoDs, and Professors. The agenda of the meeting was the Commercialization of Technologies, Industrial consultancy, and IPR. The Heads and Professors discussed their available strengths. Prof. Ashok Gupta, Dean (A&R) gave a brief about the university, and its policies. He also discussed about different published and granted patents. Prof. Shruti Jain, Associate Dean (I) gave a brief about the Innovative projects running in JUIT with the help of the Directorate of Research and Innovation Development (DRID) and TIED cell.

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Prof. C. Raman Suri, Professor at Indian Institute of Technology, Ropar. His expertise is in Nanobiotechnology and Biosensors. He with his team Dr. Narinder Singh, Prof. Harpreet Singh and Mr. Amanpreet Singh has developed noble synthetic materials for anti-microbial coatings on PPE kits; spray for disinfecting tunnels, and for fogging purpose. These materials are non-volatile in nature with no foul smell; possess very high anti-microbial activities, and showing high shelf life on different metallic or non-metallic surfaces.

Prof Rupinder Tewari, Chief Coordinator at DST Centre for Policy Research and Prof in Department of Microbial Biotechnology, Panjab University Chandigarh. He has done Post Doctorate (Deptt. of Biology, Oakland University, Rochester, MI, USA) and Ph.D. in Microbiology from University of London, London, U.K.

Prof. Manu Sharma, is from Mechanical Engineering department, Coordinator Technology Enabling Centre (TEC), and Hony Director, Centre for Industry Institute Partnership Programme (CIIPP), UIET, Panjab University.

They discussed different Technological Domains / Target Industry Sector for Technology like :

- i. Agriculture and Allied Industries
- ii. Clean Energy / Renewable Energy /Energy Storage
- iii. IT / Software / Web / App Development
- iv. Medical Devices / Surgical Equipment / Healthcare
- v. Microbiology
- vi. Pharmaceuticals

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- vii. Waste Management / Effluent Treatment / Stubble Management
- viii. Disaster Management

They also let us know that the Technology Readiness Level (TRL) should be among one of the points:

- i. TRL1 (Basic principles observed)
- ii. TRL2 (Technology concept formulated)
- iii. TRL3 (Experimental proof of concept)
- iv. TRL4 (Small Scale Prototype Built in a Lab Environment)
- v. TRL5 (Large Scale Prototype tested in intended environment)
- vi. TRL6 (Prototype System Tested in intended environment close to expected performance)
- vii. TRL7 (System prototype demonstration in operational environment at pre-commercial scale)
- viii. TRL8 (First of a kind commercial system. Manufacturing issues solved)
- ix. TRL9 (Full commercial application, technology available for consumers)

The team talked about the opportunity for Transfer of Technology (ToT), Commercialization of Research from October 12-13, 2023. On 12th October 2023, 15 minutes/technology will be provided to pitch their technology before the industry in the premises of CII, Chandigarh, and on 13th October 2023, 15 minutes/technology will be provided to pitch before students (who are keen to startup) in premises of Panjab University, Chandigarh.

Also, they asked to know about the latest updates make a login at: <https://tecpu.in/icifr-tec2023/>

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The detailed program is as :

Timings	Plan	Venue
11:00 AM	Arrival of guests	Auditorium
11:05 AM	Welcome of guests	Board Room
11:10 AM	Interaction with Dean (A&R), Dean of Students, Associate Dean (I), CoE, All HoDs, and Professors.	Board Room
11:35 AM	Video JUIT	Board Room
11:40 AM	Briefing about Innovative Technologies, Incubation, and IPR status of JUIT	Board Room
11:55 AM	Visit of labs	3 rd and 4 th floor
12:30 PM	Visit of TIEDC	TIEDC
12:45 PM	Lunch	Annapurna

The event is coordinated by Dr. Shruti Jain, Associate Dean (Innovation).