Our Resource Persons From Industry, Academia and Research Institute
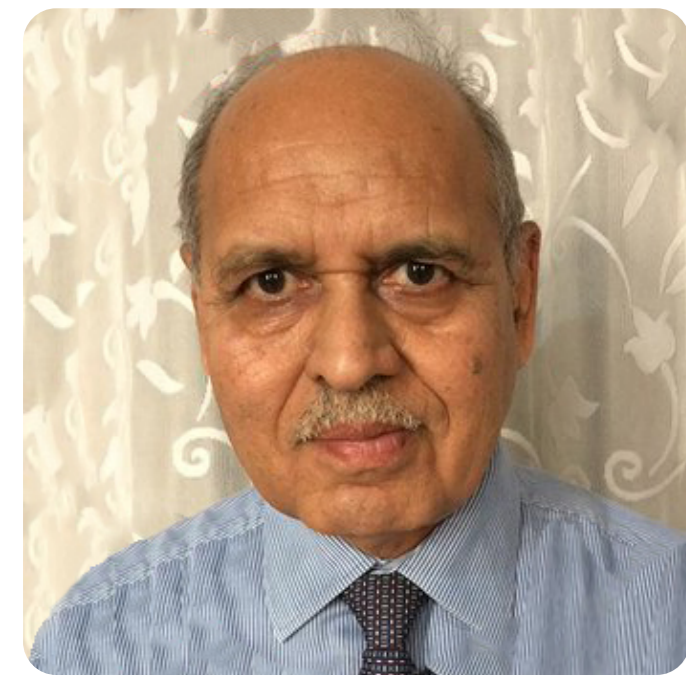
Mr. Shashwath Bolar
Automobile Designer
Bajaj Auto Ltd, Pune

Mr. Raman Saxena
Control and Display
Co-founder - USID Foundation

Mr. Neeraj Jasmathiya
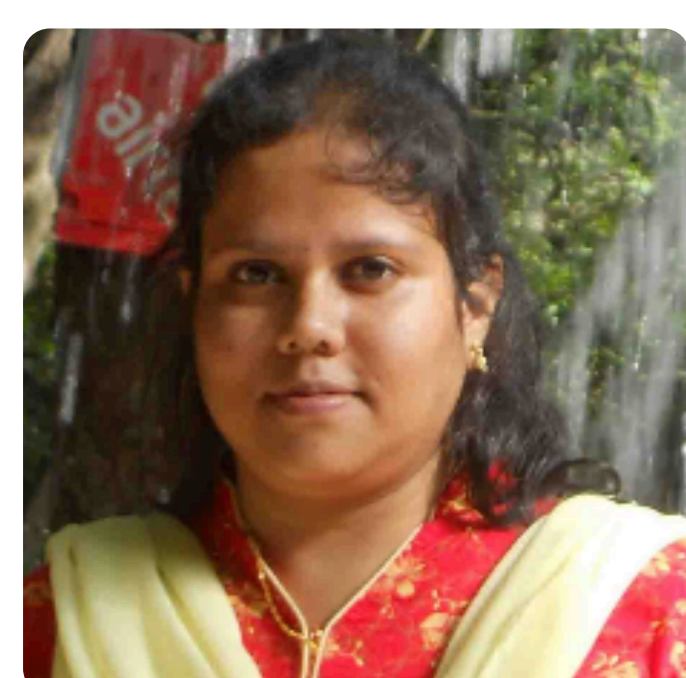Medical Equipment Design
Crimson Healthcare Pvt. Ltd

Dr. L. P. Gite
Agriculture Ergonomist
CIAE, Bhopal

Prof. Puneet Tandon
Product Designer
IIITDM Jabalpur

Dr. Prabir Mukhopadhyay
Industrial Ergonomist
IIITDM Jabalpur

Dr. Sangeeta Pandit
Design Ergonomist
IIITDM Jabalpur

Co-ordinators

Dr. Sangeeta Pandit
Email - s.pandit@iiitdmj.ac.in
Phone - 0761-2794314

Dr. Prabir Mukhopadhyay
Email - prabir@iiitdmj.ac.in
Phone - 0761-2794311

How To Apply

Apply online. Visit to the website *ict.iiitdmj.ac.in/THTE*. In the home page of Electronics and ICT academy, they will be announsment. In that there will be list of Upcoming programmes. Select from that link "Technology Humanization through Ergonomics". Go to that website at the right hand top corner there is a Quick link under which there is registration form (online submission).

Registration Fees

₹ 2000/- for Faculties and Research Scholars (Gen / OBC)*
₹ 1500/- for Faculties and Research Scholars (SC /ST / EWS)*
(Please mail a scan copy of the self-attested caste certificate)
*Limited seats for Research Scholars
₹ 5000/- for Industrial Participants

Demand draft of requisite registration fee in favor of "IIITDMJ-E&ICT ACADEMY" payable at Jabalpur. Registration fee can also be paid to account No. 50302042708 (Allahabad Bank, Mehgawan, IIITDM Branch, IFSC Code: ALLA0212433) by CASH/NET BANKING/NEFT

The above mentioned workshop registration fees includes, course materials. Participants will be provided working lunch, tea and snacks during the sessions and special dinner on 21st at Dumna Nature Reserve Park.
No TA/DA will be paid to the participants

Important Dates

Last Date of Registration of this course is **25th July, 2019**. Based on availability of seats spot registration may be accepted.

Accommodation

Accommodation to the participants can be arranged, if required, in Hostels/ Guest house on nominal charges based on availability. To view the charges please go to the **Important information** (Check website for more information). For accommodation inside IIITDMJ campus participants need to mail to the Course co-ordinator well in advance mentioning (Check in and check out date) s.pandit@iiitdmj.ac.in. Accommodation charges can be paid to hostel caretaker or guest house office during the time of check out.
Email a scanned copy of your complete application form in all respects to s.pandit@iiitdmj.ac.in and prabir@iiitdmj.ac.in

Contact Us

Dr. Sangeeta Pandit
Email - s.pandit@iiitdmj.ac.in
Phone - 0761-2794314

Website link
ict.iiitdmj.ac.in/THTE

2019

Technology Humanization Through Ergonomics
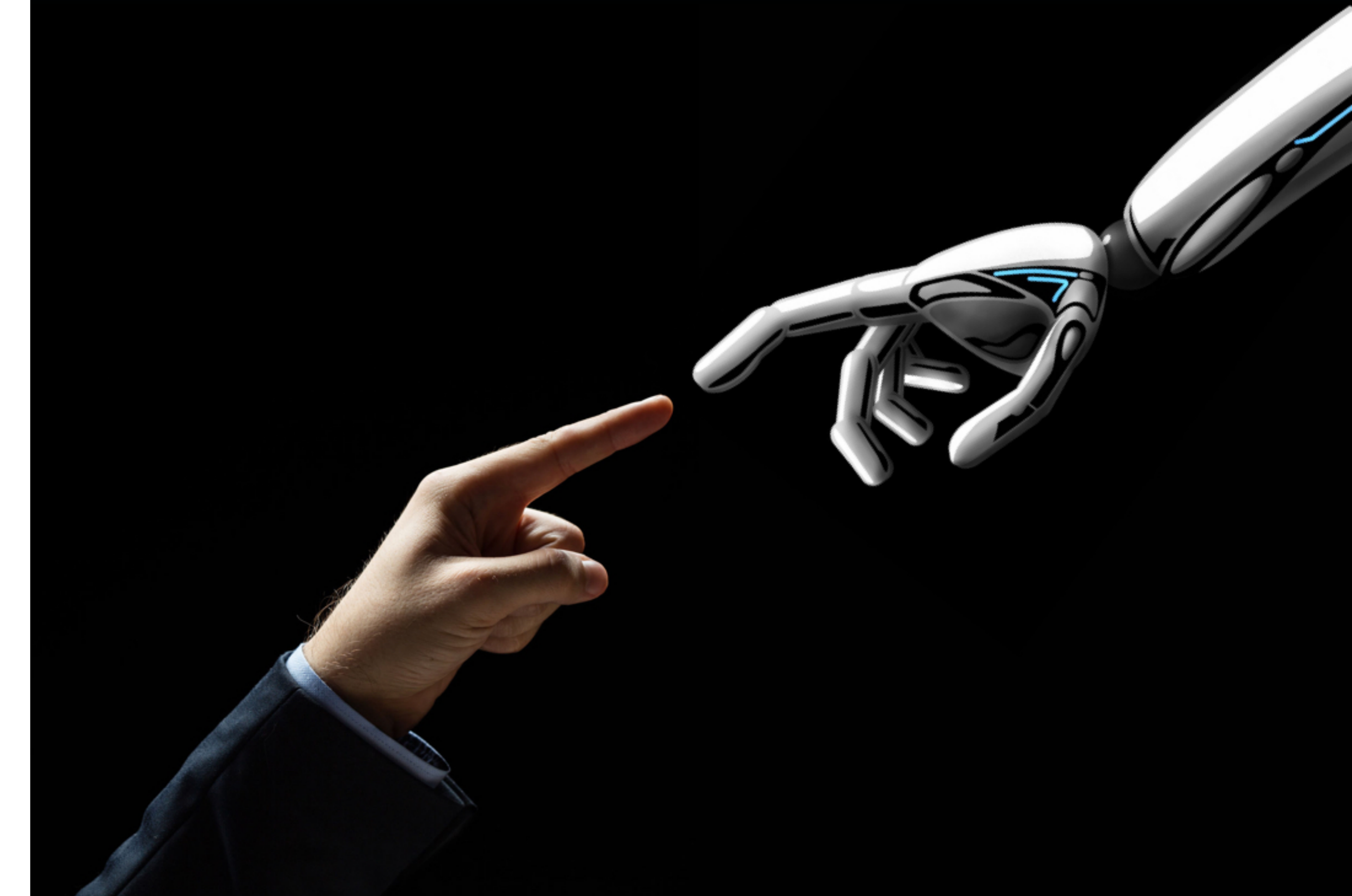
15th August - 22nd August, 2019

Faculty Development programme under
Electronics and ICT Academy

An initiative of
Ministry of Electronics and Information Technology, Government of India

PDPM IIITDM JABALPUR

PDPM Indian Institute of Information Technology, Design and Manufacturing, Jabalpur, Dumna Airport Road, Jabalpur 482005

About Electronics & ICT Academy at IIITDM Jabalpur

Department of Electronics and Information Technology, Government of India has instituted four Electronics and ICT Academies with one academy at IIITDM Jabalpur. Primary objective of the academy is to prepare manpower for two important missions - 'Digital India' and 'Make in India'. The Academy aims at the design and implementation of scalable training programmes in niche areas of electronics and ICT for the development of required knowledge base, skills and tools to unleash the talent of Indian population. In addition to this, the academy conducts training programmes and research promotion workshops in different emerging areas of technology and science for corporate sector and educational institutions. The Academy is envisioned to become a central hub of activities on training, consultancy work and entrepreneurship programmes.

About IIITDM Jabalpur

Institute of Information Technology Design and Manufacturing Jabalpur (IIITDMJ), established by MHRD Govt. of India in collaboration with Govt. of Japan in 2005 with a focus on education and research in IT enabled Design and Manufacturing. The Institute offers undergraduate, post graduate and PhD programmes in Design, Computer Science and Engineering, Electronics and Communication Engineering, Mechanical Engineering and PhD in Natural Sciences. To build strong partnership with industry, Institute offers six months long internship to the UG/PG students as part of their curriculum. Under IIIT act, the Institute has been declared an Institute of National Importance in January 2015. The Institute campus is being developed on 250 acres of land next to Dumna Nature Park. The lush greenery campus provides an ideal setting for learning and creativity.

Who should attend this course?

Faculty members and research scholars from academic institutions, colleges and universities affiliated under Council of architecture, AICTE and UGC. Industry personnel working in the related discipline can also apply. Training programme of this course "Technology Humanization through Ergonomics" is interdisciplinary in nature. Participants from all disciplines Mechanical engineering, Industrial production engineering, Information technology, Civil engineering, Architecture and Design will be benefited from this course. This course will cover the three broad areas of ergonomics: Physical, Cognitive and Organizational with its application in transportation, medical equipment design, in informal sectors, information processing in control & display and in agriculture. Experts from industries and academia will be taking lectures, where they will share different real time problems and case studies.

Participants will receive "Certificate of Participation" at the end of the programme.

About the course

Now-days we are encircled with technologies, white goods in our kitchen, drawing room, bedroom, while travelling in high end cars, at office and where not. Now just think for a moment, how many of them are easy, effortless and enjoyable to use. Is it all or the list may be small? Why is this so?

Many of these products, example a remote control of TV set or a microwave oven or a gas oven requires users to interact with them to carry out the task, which have not necessarily been designed keeping users in mind. They have been engineered to perform a set of functions, which might be effective from an engineering perspective but what about the users, who is going to use this system? Use of technologies need to have a good two-way traffic of information exchange between machine and the end user who is going to use this system. Hence, we need to humanize technology in the light of ergonomics perspective. Ergonomics is not new, its application in machines or equipment design makes the system easy, effortless and enjoyable to use. However, today's high technology has put man in a position where errors can have serious implications, for example in the work of an air traffic controller, a surgeon while performing laparoscopic surgery or an operator of a nuclear reactor where there is a high demand in decision making and information processing. Technically there may be little difference between the task of checking a watch to see what is the time and checking an altimeter in a flight desk control panel but the implication of an erroneous reading are vastly different.

Ergonomics as a subject, becomes highly challenging when demands of operational and control systems approached the boundaries of human performance. Widespread use of technology in the form of automation leads to man's information processing capabilities into challenge and thus increasing cognitive load. Thus humanization of technology by means of ergonomic is the need of the hour.

Workshop Schedule

Please follow the 'Quick Links' in workshop website for brief details about the updated timetable of the workshop.

ict.iiitdmj.ac.in/THTE

Application Form (Online Submission)

Name of the Applicant (first, last) : ....

....

Age : .... Gender : Male/Female..........................

Category : GEN/OBC/SC/ST...

Designation : ....

Qualification : ....

Name and Address of the Organization/Institute/college

....

....

City/town : .... Pin Code : ....

Email : ....

Alternet Email (If any) : ....

Contact Number : ....

Do you need accommodation? (Yes/No)* : ....
*Go to "Important Information" in workshop website for more information about accomodation.

DD Number : .... Date : ....

Issuing Bank : ....

Payable at : ....

Signature of the Applicant

I hereby agree to relieve Mr./Ms./Dr ....

.... in case he/she is

selected to attend this training programme "Technology

Humanization through Ergonomics".

Signature and seal of the forwarding authority

Name...

Designation..