

Registration Form RDMA2018

Name (CAPITALS):
Organization:
Designation:
Address for communication:

Mob.:
E-mail:
Highest academic qualification:
Experience (Years)
A) Teaching: B) Industrial:
Accommodation required (Yes/No):
(On payment basis)
Payment Details: (pay registration fee + 18% GST)
Bank name:
Branch name:
Bank code:
Bank address:

Bank phone no.:
RTGS :reference no.
Remitter account no.:
Remitter account holder's name:
Demand Draft details:

Amount:
Amount in words:
Please register me for the STC under CEP on RDMA2018 to be held during 29TH Oct. to 4TH Nov., 2018 at IIT (BHU), Varanasi.
Date:

Place:

Signature of the Applicant

Fees

Participant Type	Before Oct., 17, 2018	After Oct., 17, 2018
Industries, R&D Organization	10,000+18% GST = 11,800	15,000+18%GST= 17,700
Faculty	6,000+18% GST= 7,080	8,000+18% GST= 9,440
Students	4,000+18% GST= 4,720	6,000+18% GST= 7,080

Fees include:

Course material, course kit (bag, writing pad, pen, pencil etc.), lunch and coffee during course hours for all days, one day industry visit, participation certificate

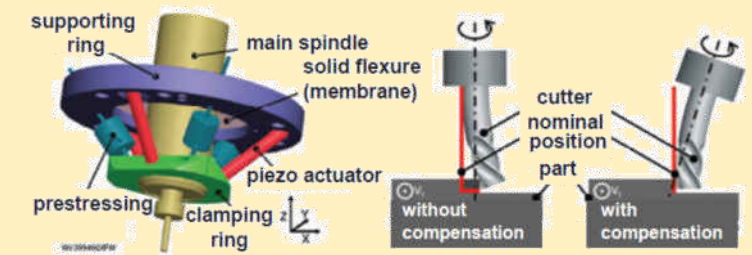
Registration procedure:

The registration fees is to be paid in form of either Demand Draft (D. D.) or through account transfer (Name of A/C: RDMA2018 , A/C No.: 37952372473 , A/C Type: current A/C, Bank: SBI , Branch: IT-BHU , Branch code: 11445 , IFSC: SBIN0011445). Registration fee or proof of fee payment along with completed registration form is to be sent to "Dr. Nilanjan Mallik, The course co-ordinator, STC under CEP on RDMA2018, Department of Mechanical Engineering, IIT (BHU), Varanasi – 221005, Uttar Pradesh, India". The scanned copy of the same are also to be sent to the e-mail id: nmalik.mec@iitbhu.ac.in

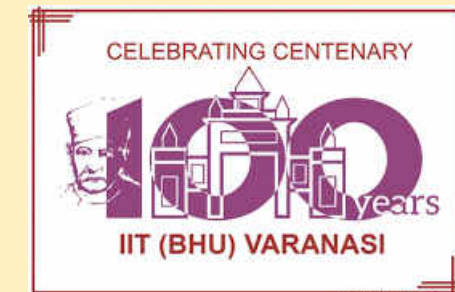
How to reach:

The city of Varanasi is well connected by road, rail and air with all the important cities of India. There are regular flights from Varanasi to Delhi, Mumbai, Chennai, Hyderabad, Bangalore, Kolkata, Khajuraho and Lucknow operated by Airindia or other private airlines. The IIT (BHU) campus is about 5 Km from Manduadih railway station, 10 Km from cantonment railway station, 20 Km from Mughalsarai railway station and 35 Km from Babatpur (Varanasi) airport.

Short Term Course (STC) under Continuing Education Programme (CEP) ON Recent Developments in Mechatronics and AdaptrinoCs (RDMA2018) October 29 to November 4, 2018



Organized by: QIP Centre , IIT (BHU)



Course co-ordinator

Dr. Nilanjan Mallik
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Indian Institute of Technology (BHU)
Varanasi – 221005, Uttar Pradesh, India
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E-mail: nmalik.mec@iitbhu.ac.in

Accommodation

1. Guest house inside campus
2. Hostel inside campus
3. Guest house outside campus
4. Hostel outside campus
5. Hotel outside campus

Inside campus accommodation will be provided on first come first serve basis and upon availability

About Varanasi

The holy city Varanasi is the oldest living city in the world which is known to be “older than history”. Varanasi is also known as spiritual capital of the world. The city has a great historical and cultural importance. The religious and cultural capital of India is situated in the bank of the holy river Ganges and is famous for temples of Lord Shiva, Buddha (Sarnath), Sankat Mochan and numerous other religious temples. Varanasi is also a center for learning from long back and in modern times also it is keeping pace with advanced knowledge. This vibrant city of art and culture, religion and contemporary and modern knowledge has over the years attracted numerous tourists from all over the world.

Course speakers

Faculty members from IITs and/or experts from industries/ R&D organizations

About the course

The aim of this seven days short term course (STC) under continuing education programme (CEP) is to apprise the participants about the current state of the art in the field of mechatronics and adaptronics and generating inspiration for future ideas on a multidisciplinary level. Mechatronics and adaptronics encompass sensing, actuation and control capabilities to be combined from a systems approach, on a macro, meso, micro or even nano scale, and have triggered a variety of new research areas with impacts in the wider field of engineering and science viz. space, aerospace, defence, railway, tramways, transportation, automobile, mining, civil, structural, electrical, electronics, computer science and engineering, ceramic engineering, mechanical, textile, leather, pharmaceutical, food processing, instrumentation, process industries, chemical engineering, energy sector, environmental engineering, biomedical and medical industries.

Topics to be covered

1. Introduction to mechatronics and adaptronics
2. Multidisciplinary approach and applications
3. Fundamentals of mechanical engineering
4. Fundamentals of electrical engineering
5. Fundamentals of electronics engineering
6. Sensors, Actuators and Controllers
7. Information processing
8. Hydraulic systems and Pneumatic systems
9. Microcontrollers and programming
10. Artificial intelligence
11. Case studies
12. Hands-on experience and simulation

Who should attend

1. Faculty members from Institutes/Colleges/Universities working in disciplines like mechanical, automobile, railways, tramways, transportation, aerospace, civil, ceramics, electrical, electronics, biomedical, mining, metallurgy engineering, ceramic engineering, textile, leather, pharmaceutical, food processing, instrumentation, process industries, chemical engineering, energy sector, environmental engineering or allied disciplines, materials science, physics, chemistry, mathematics or allied science disciplines and/or doing research and/or planning to do research on any topic of mechatronics and adaptronics.
2. Students (research scholars, post graduate, under graduate) from any of the above mentioned disciplines or allied disciplines who are doing research or willing to do research on any topic of mechatronics and adaptronics.
3. People from industries who are already in business in mechatronics and adaptronics field or planning to explore business opportunities.
4. Scientists from R&D organizations who are already doing research and implementing or planning to explore.

