



Dear Partners,

Applications are invited for visiting Faculty Members from Partner University with at least Doctoral degree for teaching short course(s) at Vel Tech under visiting Faculty Programme.

Broad domains of requirements (but not limited to) department wise:

Mechanical Engineering	Computer Science and Engineering	Electronics and Communication Engineering
<ul style="list-style-type: none"> Industrial Internet of Things (IIOT) Manufacturing Automation Sustainable Design Smart Materials for Mechanical Applications Fracture and Fatigue Mechanism Thermal Energy Storage Systems Fuel Cell Technology 	<ul style="list-style-type: none"> Networking and Cyber Security Data Sciences / Analytics Animation and Game Design Financial Computing Cloud Computing Artificial Intelligence Machine learning 	<ul style="list-style-type: none"> Machine to Machine Communication Machine learning Deep Learning Artificial Intelligence System On Chip design EMI/EMC Software defined radio Software defined Networking Network Function Virtualization Video Signal Processing MEMS RTOS Device drivers ASIC Design

Aeronautical Engineering	Automobile Engineering
<ul style="list-style-type: none"> Flight Mechanics and Control Design Thinking for Aeronautical Engineering Aircraft Structural Design Aircraft Vibration Analysis Space Mechanics 	<ul style="list-style-type: none"> Nano Technology in IC Engine Autonomous Vehicle
	Civil Engineering
	<ul style="list-style-type: none"> Infrastructure Engineering Transportation Engineering Sustainable Materials

Further details of the Course:	
Topic	As mentioned above and Course content to be approved by department.
Lecture hours	Minimum of 30 hours of teaching 1. Two 15 hours courses (One week or two weeks) 2. One 30hours course (One week or two weeks) 3. One 45 Hours course (Minimum 4 weeks)
Period	July- October (or) January to April
Examination	To be conducted and the student performance to be evaluated for award of Credits (15 Lecture hours – 1 Credit). Type of exam to be mutually decided

Targeted attendees	<ul style="list-style-type: none"> • Around 40 Undergraduate students from 3rd and Final year of Four year • Selected topics may be attended by Faculty members.
Course Material	Lecture Notes in English to be made available to the students.
Any other	Interaction meeting with our faculty will be arranged to identify areas of mutual interest for further R&D and Academic collaborations

Entitlements:

Based on the Cooperation agreement signed, if any.

Normally, Vel Tech will take care of,

- i. Travel by Economy class Flight to Chennai and back via shortest route.
- ii. Hospitality at Chennai including stay at Veltech Guest House, food arrangements and internal travel at Chennai
- iii. Honorarium at INR 3000 per hour of lecture
- iv. Hospitality for spouse at Chennai, if he / she desire to accompany.

Interested Professors please share the following for further discussions

1. CV
2. Possible courses with contents
3. Tentative dates

For further details:

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