

About Graphic Era (Deemed to be University)

Graphic Era (Deemed to be University) has been conferred All-India NIRF Rank 89 in the Engineering Category, thus being accorded as the highest-ranked Engineering University in Uttarakhand, after IIT Roorkee, in the MHRD NIRF (National Institutional Ranking Framework) Rankings in June 2020. The University has also been awarded All India Rank 97 in the University Category, establishing GEU as the highest-ranked university in Uttarakhand amongst all Government and Private universities in the state. In 2015 Graphic Era University was accredited by NAAC with grade 'A'. GEU stands proud as the only university in Uttarakhand recognized as one among the top 100 Universities of the country, as an abode of learning and excellence, surpassing all parameters of assessment like teaching, learning, research, graduation outcome, outreach, industrial presence and more for Indian Institutions of higher education. University has acquired transnational dimensions through student exchange and knowledge sharing programs with many foreign universities and has been acclaimed and honored at international forums for its brilliance in upholding the highest standards of education.

About the Department

The Department of Electronics and Communication Engineering came into existence in 2001, to meet the growing requirement of practical design engineers in the country and abroad. Along with the regular labs the department has various research labs such as INTEL lab, Cadence lab, Wireless Sensor Network lab, Texas Instrumentation lab, Polymer sensors & Actuator's lab etc. All these labs complement the high standards set by the competitive syllabus and nurture the inclination of the students towards research and development, besides giving them the necessary and sufficient backing of practical knowledge that they need. The Department provides access to study of high-end software like Mathworks Suite, Genesys, Xilinx, OrCAD Circuit Design Simulation & PCB Design Tools, Cadence University Bundle. Industry leaders like IBM, Infosys and Accenture and leaders in academia like from IITs, Defense R&D institutions and various academic institutions abroad regularly provide lectures and organize training and other technical events throughout the year to enhance the exposure available to our students. **The Department of Electronics and Communication Engineering is NBA accredited.**



Graphic Era
Deemed to be University
Accredited by NAAC with Grade A
NBA Accredited Programs in ECE, CSE & ME
Approved by AICTE, Ministry of HRD, Govt. of India



Virtual Workshop on Embedded Systems & IoT Applications

(9th-13th August, 2021)

Organized by

Department
of
Electronics and Communication Engineering
&
Department
of
Electrical Engineering

in association with

Ensino Research and Development Pvt. Ltd
Dehradun, Uttarakhand
&
IEEE GEU Student Branch

Graphic Era (Deemed to be University)
Bell Road, Clement Town, Dehradun,
Uttarakhand

Website: www.geu.ac.in

Target Audience:

Undergraduate, Postgraduate students and Research scholars.

Workshop Highlights:

- To understand fundamentals of IoT and embedded system including essence, basic design strategy and process modeling.
- To introduce students a set of advanced topics in embedded IoT and lead them to understand research in network.
- To develop comprehensive approach towards building small low cost embedded IoT system.
- To understand fundamentals of security in IoT.
- To learn to implement secure infrastructure for IoT.
- To learn real world application scenarios of IoT along with its societal and economic impact.

Workshop Outcomes:

- On completion of the course, student will be able to implement an architectural design for IoT for specified requirement.
- Solve the given societal challenge using IoT.
- Choose between available technologies and devices for stated IoT challenge.

Important Dates:

Last Date of Registration: 6th August 2021

Date of Workshop: 9th-13th August 2021

Registration and Fee Submission Details

Registration Fee:

INR 250 per Student + 18% GST

Total Amount to pay=INR 295 per student

Registration Form:

Fill the online registration form:

<https://forms.gle/ZkBmWwdRtsGvMw5n7>

E-Certificate will be provided to those who will complete the workshop and fill the feedback form.

Contact Information:

Feel free to contact on following:

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Chief Patron:

Prof. (Dr.) Kamal Ghanshala, President,
Graphic Era (Deemed to be University),
Dehradun

Patrons:

- Prof. (Dr.) R. C. Joshi, Chancellor, GEU
- Prof. (Dr.) R. K. Sharma, Vice Chancellor, GEU
- Prof. (Dr.) H. N. Nagaraja, Pro VC, GEU
- Prof. (Dr.) Dipali Bansal, Dean Engineering, GEU

Conveners:

Prof. (Dr.) Md. Irfanul Hasan,
Head, ECE Dept., GEU

Prof. (Dr.) P. Thakur,
Head, EE Dept., GEU

Coordinators:

- Ms. Sribidhya Mohanty, Assistant Prof., GEU
- Dr. Vikas Rathi, Associate Prof., GEU
- Ms. Srishti, Assistant Prof., GEU
- Mr. Ashutosh Dixit, Assistant Prof., GEU

Speaker:

Er. Ashok Kumar
Software Engineer
Ensino Research and Development Pvt. Ltd

Organizing Committee:

Dr. Pradeep Juneja
Dr. Shalini Singh
Dr. Rishi Prakash
Dr. Varij Panwar
Dr. Anurag Vidyarthi
Dr. Chandni Tiwari
Dr. Vinay Kumar
Dr. Upendra Mohan Bhatt
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