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Department of ECE, ATMECE, Mysuru

Staff Coordinators

Dr. Prakash Kuravatti
Associate Professor, Dept. of ECE

Prof. Girish. M
Assistant Professor, Dept. of ECE

Prof. Manjunath K
Assistant Professor, Dept. of ECE

Technical Staff Coordinators

Mr. Manjunatha H R
Foreman, Dept. of ECE

Mr. Somasundar S
Instructor, Dept. of ECE

Registration Details

Registration Fee: FREE

Registration link: <https://forms.office.com/r/0XwvNTn190>

Last Date for Registration: 21st September 2023



Contact Details

Prof. Girish M
9964406640 / 7019599105

Prof. Manjunath K
9738403734

Mode: Offline | **Venue:** ATMECE

TARGETTED PARTICIPANTS

The Faculty, Research Scholars and PG Students
from AICTE approved Technical Institutions.



A T M E[®]

College of Engineering



3-Days FDP
on

**“Advanced Communication using
USRP and LabVIEW”**

25th – 27th September 2023

Organized by
**Department of Electronics and
Communication Engineering**

(Accredited For 3 Years (2022-25) by NBA, New Delhi)

In Association With
AICTE approved MODROB

Phone: 0821-2954081 | 0821 -2954011

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Mysore – 570 028

About ATMECE

ATME College of Engineering (ATMECE) Mysuru, established in the year 2010 is approved by AICTE New Delhi and affiliated to Visvesvaraya Technological University Belagavi, Karnataka. Currently, 8 UG programmes are offered to students, which are affiliated to Visvesvaraya Technological University (VTU). From the academic year 2021-22, ATMECE has started three new UG programmes in the emerging areas like, Computer Science Engineering (Artificial Intelligence & Machine Learning), Computer Science Engineering (Data Science), and Computer Science Design.

ATMECE is Re-accredited by NBA for Civil Engineering, Electronics & Communication, Electrical & Electronics and Mechanical Engineering Courses for the period 2022-25. ATMECE is accredited by NAAC with A+ Grade. ATMECE is an ISO 9001-2015 certified college and is awarded with "The Best Emerging Private Engineering College in Karnataka" and "Most Promising Upcoming Private Engineering College in Karnataka" for two consecutive years. ATMECE has secured QS I-Gauge Gold Ranking. ATMECE has been listed as one of the "Swacch Institute of the Country in 2019-20".

All the Departments in the Institute are recognized as research centers from VTU to pursue MS (Research) and PhD. The Institute has received more than 3 crores of external funding for various research & consultancy projects in the last 5 years

About Dept. of ECE

Department of Electronics & Communication Engineering was established in the year 2010 with an intake of 60 students & was enhanced to 120 students in the year 2012.

Department has well qualified & experienced teaching faculty & technical staff with state-of-the-art laboratories to meet the quality education required for present challenging societal & industrial needs.

Department has been accredited by NBA from 2019-2022. In the year 2022 it was re-accredited by NBA for 3 more years i.e from 2022-2025.

Vision

- To develop highly skilled and globally competent professionals in the field of Electronics and Communication Engineering to meet industrial and social requirements with ethical responsibility.

Mission

- To provide State-of-art technical education in Electronics and Communication at undergraduate and post - graduate levels, to meet the needs of the profession and society and achieve excellence in teaching-learning and research.
- To develop talented and committed human resource, by providing an opportunity for innovation, creativity and entrepreneurial leadership with high standards of professional ethics, transparency and accountability.
- To function collaboratively with technical Institutes / Universities / Industries, offer opportunities for interact on among faculty - students and promote networking with Alumni, industries and other stake - holders.

About FDP

The demand for advances in communication systems has been exploding over the past few decades owing to the bloom of cutting edge novel digital technologies.

The purpose of this FDP is to discuss the current trends in communication technologies using LabVIEW, RF technologies and gives insight into the modern devices used in the communication systems.

The FDP also gives the hands on experience using LabVIEW, USRP and MokuGo.

Objectives of the FDP

- To introduce the 5G technology and the research areas in the advanced wireless communication technology.
- To improve the research abilities of the faculty/Research Scholars in the advanced communication technologies.
- To help in identifying the opportunities to flourish the knowledge and pursue research in this area.

Outcomes of the FDP

- To apply the 5G/6G technology in the research areas in the advanced wireless communication technology.
- To utilise LabVIEW tool and implement the research ideas in advanced communications.
- To understand the development of Communication Technology.

FDP Schedule

25-09-2023 | Day-1

Time	Topics Covered	Resource Person with designation
10 am to 11:30 am	Inauguration and Key Note speech on Antenna	Dr. Mahesh. A Associate Professor, RVCE, Bengaluru & Dr. Shushrutha Associate Professor, RVCE, Bengaluru
11:45 am to 01:30 pm	Key note Speech on Advancement in LabVIEW	
02:30 pm to 03:30 pm	Hands-on LabVIEW	
03:45 pm to 04:45 pm	Hands-on LabVIEW	

26-09-2023 | Day-2

Time	Topics Covered	Resource Person with designation
10 am to 11:30 am	Hands-on NI USRP Kit using LabVIEW	Mr. Manimaran. A Assistant Manage, VI Solutions
11:45 am to 01:30 pm	Hands-on NI USRP Kit using LabVIEW	
02:30 pm to 03:30 pm	Hands-on NI USRP Kit using LabVIEW	
03:45 pm to 04:45 pm	Hands-on NI USRP Kit using LabVIEW	

27-09-2023 | Day-3

Time	Topics Covered	Resource Person with designation
10 am to 11:30 am	Hands-on Moku:Go	Mr. Chandrashekar. P Assistant Professor, ATMECE, Mysuru
11:45 am to 01:30 pm	Hands-on Moku:Go	
02:30 pm to 03:30 pm	Question & Answer Session	Mr. Girish M Assistant Professor, ATMECE, Mysuru
03:45 pm to 04:45 pm	Feedback & Valedictory	