



FACULTY DEVELOPMENT PROGRAMME (FDP) ON

“Recent Trends in Signal and Image Processing and Applications”

15th – 20th May 2023

Organised by

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS), HYDERABAD
in association with NIT, WARANGAL.

Under the scheme of Electronics & ICT Academy, Sponsored by Department of Electronics and Information Technology (DeitY), GOI



Preamble:

“Electronics & ICT Academy” was set up at NIT Warangal with financial assistance from DeitY, MCIT, Govt. of India (GoI). The jurisdiction of this academy is Telangana, Andhra Pradesh, Karnataka, Goa and Puducherry states and UT of Andaman & Nicobar Islands. This academy’s role is to offer faculty development programmes in standardized courses and emerging areas of Electronics, Information Communication Technologies; training & consultancy services for Industry; Curriculum development for Industry; Continuing Education Programs (CEP) for working professionals; Advice and support for technical incubation and entrepreneurial activities.

This faculty development programme (FDP) is aims at imparting state of art in signal & image processing technologies. Participants learn the essential concepts of Signal, Image & Video processing though a practical hands-on approach utilizing Matlab 2022a.

Major Course Contents:

- Signal Processing & It’s Applications in real world
- Adaptive Signal Processing & its applications
- Speech Processing
- Image processing
- Signal Processing for 5G Communications
- Video Content Analysis
- Radar Signal Processing
- Social Signal Processing
- AI in Signal, Image & Biomedical Image Processing

Structure of the Course:

- **Theory - 24 hours:** The theory for the topics specified in the Course Contents will be covered in 24 hours duration of classroom sessions.
- **Lab - 16 hours:** The participants will be applying the topics learnt by doing exercises.

Faculty conducting this programme:

Academicians in the concerned field from **Reputed Institutes** from **IITs, and NITs** will be dealing the theory sessions and industry experts will handle the hands-on lab sessions.

Eligibility:

The programme is open to the teachers of engineering colleges, working in the above-mentioned states. Industry personnel working in the concerned / allied discipline can also attend.

The FDP fee may be sent either in the form of Demand Draft or can be paid online as given below:

DD Details	Online Transfer Details
Demand Draft in favor of "Electronics & ICT Academy NITW" payable at any bank in Warangal.	Account Name: Electronics & ICT Academy NITW Account No: 62423775910 IFSC: SBIN0020149

Registration Fee Particulars:

- Faculty members or Research Scholars : Rs. 2,500/-
- Industry participants : Rs.7,500/-

Travel and Accommodation:

All the selected participants will have to make their own arrangements for their travel and accommodation. No TA will be paid for the participants. Lunch and snacks will be provided.

How to apply:

A filled in form of application in the prescribed format duly signed and sponsored by appropriate authorities (along with demand draft) should reach: **The Head-Dept. of ECE, Vasavi College of Engineering (Autonomous), Hyderabad** by speed-post. It is also mandatory to send scanned application form and demand draft through e-mail to hodece@staff.vce.ac.in as selection will be intimated ONLY through mail.

Selection Criteria:

Selection will be done based on *first-cum-first-serve basis* and the confirmed candidates will be notified immediately. The maximum number of participants will be **50 (fifty)**. The list of selected participants will be notified in the institute web sites www.vce.ac.in & www.nitw.ac.in and also will be sent to their personal e-mail ids. In case a candidate is not selected, the demand draft will be sent back. A test will be conducted at the end of the course. Candidates will be issued certificates on successful completion of the course along with grade.

Important dates:

Last date for submission of application	: 01/05/2023
Selection-list intimation/display before	: 06/05/2023
Duration of Program	: 15/05/2023 to 20/05/2023

About the Institute:

Vasavi College of Engineering (Autonomous) was established in 1981 by Vasavi Academy of Education. It represents a rich tradition of excellence in technical education. The college is situated at Ibrahimbagh, in the vicinity of famous Golconda Fort, Hyderabad, Telangana State. The college is offering seven UG programs namely B.E. in Civil, Mechanical, EEE, ECE, CSE, CSE (AI & ML) and Information Technology, and five PG Programs in CSE, ECE, EEE and Mechanical Engineering. It is recognized by AICTE and affiliated to Osmania University. The UGC has conferred Autonomous status to the college for 10 years in second cycle up to 2030-31. The college is a NAAC A++ accredited technical Institution.



FORMAT OF APPLICATION
FACULTY DEVELOPMENT PROGRAMME (FDP) ON
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SPONSORSHIP CERTIFICATE

1. Name : _____
2. Designation : _____
3. Institution : _____
4. E-mail : _____
5. Mobile No. : _____
6. DD No. : _____
- Bank : _____ Date: _____
7. Address for Correspondence:
8. Educational Qualifications with specialization:
9. Subjects taught so far:
10. No. of refresher courses/workshops attended:
11. Experience (in years)
Teaching : _____
Research : _____
Industry : _____

Dr./Mr./Ms.....
.....
is an employee of our Institute/Organization and is hereby sponsored to participate in the FDP on **Recent Trends in Signal and Image Processing and Applications** sponsored by **Electronics & ICT Academy** during **15th - 20th May 2023** at Vasavi College of Engineering (Autonomous), Ibrahimbagh, Hyderabad-500031.

Place:

Date:

Signature of Head of Institution
(with seal)

Address for Correspondence:

Post your application form with DD to

Dr. E. Sreenivasa Rao,

Prof. & HoD.

Department of ECE,

Vasavi College of Engineering (Autonomous)

Ibrahimbagh, Hyderabad – 500031,

Telangana, India.

Mail the scanned copies of filled-in and duly signed application form with DD to hodece@staff.vce.ac.in

For more information visit: <http://nitw.ac.in/eict>

For any enquiry contact:

Mobile : 9912616809 / 8143672172

Land line : 040- 23146041

Declaration

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the FDP and shall attend the course for the entire duration. I also undertake the responsibility to inform the Coordinator in case, I am unable to attend the course.

Place:

Date:

Signature of the Applicant

Coordinators

Prof. T. Kishore Kumar
(Coordinator)
Dept. of ECE
NIT Warangal -506004.

Mr. B. Uma Mahesh Babu (Coordinator), Assistant Professor, Dept. of ECE, VCE(A), Ph: 9912616809
Ms. R. Leelavathi (Coordinator), Assistant Professor, Dept. of ECE, VCE(A) Ph: 8143672172