



FACULTY DEVELOPMENT PROGRAMME (FDP) ON

Advances in Wireless Communications: Challenges & Solutions
(11th - 17th MARCH, 2019)

Organized by

Department of Electronics & Communication Engineering
Matusri Engineering College, Saidabad, Hyderabad
in association with

E & ICT Academy, NIT Warangal

(Sponsored by Ministry of Electronics and Information Technology (MeitY), India)



Preamble:

"Electronics & ICT Academy" was set up at NIT Warangal with financial assistance from MeitY, GOI. Role of the academy is to offer faculty development programmes in standard courses and emerging areas of Electronics, Information Communication Technologies, Training & Consultancy Services for Industry, Curriculum development for Industry, CPE for working professionals, advice and support for technical incubation and entrepreneurial activities.

As part of an initiative, a Faculty Development Programme (FDP) on "Advances in Wireless Communications: Challenges & Solutions" is being conducted by Department of ECE at Matusri Engineering College, Saidabad, Hyderabad to the faculty members of Engineering, MCA, Research Scholars and other allied degree colleges from Telangana, Andhra Pradesh, Karnataka, Puducherry, Andaman and Nicobar Islands, Goa. The FDP covers recent trends in wireless Communications and provides insight knowledge in research topics with solutions.

Broad Topics to be covered in FDP:

- Spectrum sensing techniques for CR Networks
- Massive MIMO in 5G Wireless Networks.
- Emerging Techniques in 5G (Millimeter Wave Communication, D2D and Content Caching)
- Non-orthogonal Access Scheme for 5G Technology.
- Green Communication (Cooperative Communication) Overview.
- Multi-channel Cooperative Networking
- Heterogeneous Network.
- Software Defined Radio.
- Wireless Sensor Networks & its applications.
- Hands on Experience on H52 tool.

Resource persons:

E&ICT Academy takes the responsibility of organizing lectures by academicians from reputed institutes in India.

Eligibility:

The programme is open to the faculty of ECE and other allied disciplines of Engineering Colleges in India. A few Research Scholars and Industry working professionals in the concerned /allied discipline can also attend.

Registration fee for Participants:

Faculty and Research Scholars.	Rs.2,500/-
Faculty of SC/ST Category	Rs.1,875/- (SC/ST participants should submit the copy of their caste certificate to claim the concession along with application form)
Industry Participants	Rs.7,500/-

SC/ST concession is only for faculty of mentioned states. Research scholars are not eligible for SC/ST concession.

The entire registration fee is to be collected in the form of DDs/online transfer using the following details:

DD Details	Online Transfer details
Demand draft in favor of	Account Name: Electronics & ICT Academy NITW
"E & ICT Academy, NIT Warangal" payable at SBI NIT Warangal Branch.	Account No.: 62423775910 IFSC: SBIN0020149

Accommodation:

Free Accommodation will be provided for the residential participants by the host institute on prior request.

How to Apply:

A filled in form of application in the prescribed format duly signed and sponsored by appropriate authorities (along with DD/NEFT Receipt) should reach the coordinator at the host institute by speed post. It is also mandatory to send a scanned application form and DD/NEFT receipt through e-mail to sushanth19.m@gmail.com as selection will be intimated only through e-mail.

Selection Criteria:

Selection will be done based on first-cum-first-served basis and the confirmed candidates will be notified immediately. The maximum number of participants will be 50 (fifty). Additionally, 10 participants from industry are allowed to participate. The list of selected participants will be sent to their personal Email-ids. In case of 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 satisfactory certificates on successful completion of the course. Reservations are followed for selecting candidates as per GOI norms.

Important Dates:

Last date for submission of application: **05-03-2019.**

Selection-list intimation/display before: **07-03-2019.**

Duration of the programme: **11th - 17th MARCH, 2019.**

About NIT, Warangal:

National Institute of technology (formerly Regional Engineering College), Warangal is the first among the 17 RECs setup as joint venture of the Government of India and the State Government. Over the years, the college has established itself as a premier institution imparting technical education of a very high standard leading to the B.Tech., degrees in various branches of engineering, M.Tech., and Ph.D programs in various specializations. All B.Tech., and M.Tech., programs of NIT Warangal are NBA accredited.

About Matusri Engineering College:

It was with a lofty vision coupled with a sublime mission that a galaxy of farsighted and distinguished engineers, doctors, accountants, lawyers, businessmen and administrators of Hyderabad established the Matusri Educational society in 1980 which founded Matusri Engineering College, at Saidabad in Hyderabad in 2011 offering BE courses in Civil Engineering, Computer Sciences & Engineering, Electrical & Electronics Engineering, Electronics and Communication Engineering and Mechanical Engineering. The college runs with the elevated aim of being a pioneer in technical education with a team of highly qualified and experienced faculty members and state of the art equipment in all departments. The college takes the pride of sending out 4 batches of students, many of whom have taken their engineering degrees with flying colors making the flag of the college fly aloft.

Coordinators:

1. Dr. P. Sreehari Rao, Dept., of ECE,
NIT Warangal
Email: patri@nitw.ac.in
Ph. No. 9441342324

2. Dr. M. Sushanth Babu Professor, Dept. of ECE,
Matusri Engineering College, Hyderabad
Email: sushanth19.m@gmail.com
Mob: +91-9849299910

(Signature)

PRINCIPAL

G. Narayana Institute of
Technology & Science (for women)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104



Ministry of Electronics and Information Technology (MeitY), GOI sponsored
FACULTY DEVELOPMENT PROGRAMME (FDP)



Advances in Wireless Communications: Challenges & Solutions
(11th – 17th MARCH, 2019)

To be organized at
Department of Electronics & Communication Engineering
Matrusri Engineering College, Saidabad, Hyderabad
by Electronics & ICT Academy, National Institute of Technology, Warangal

APPLICATION FORM

1. Name of the Applicant:
2. Designation:
3. Email Id.:
4. Category:
 - ☐ Faculty/Research Scholars (Rs. 2,500/-)
 - ☐ SC/ST Faculty members (Rs. 1,875/-)
 - ☐ Industry Participants (Rs. 7,500/-)
5. Institution:
6. Mobile No.:
7. Payment Mode:
 - ☐ Demand Draft No. _____
 - ☐ NEFT /UTR No. : _____
 - Bank: _____
 - Date: _____
8. Educational Qualification with Specialization:
9. No. of refresher courses /workshops Attended:
10. Experience (in Years):

Teaching:	Research:	Industry:
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Do you belong to reservations SC/ST? (YES/NO):
(If yes, please specify and attach a copy of caste certificate to claim the concession)
11. Do you require accommodation during Training? : YES/NO

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

Sponsorship Certificate

Dr./Mr./Ms..... is an employee of our Institute/Organization and is hereby sponsored to participate in the FDP on "Advances in Wireless Communications: Challenges & Solutions" Sponsored by Electronics & ICT Academy during , 11th -17th MARCH, 2019 at Matrusri Engineering College Saidabad Hyderabad (Telengana).

Place:

Date:

Signature of Principal/Head of the Institution

Address for Correspondence:

Post your application form along with DD/NEFT receipt to

Dr. M. Sushanth Babu
Professor, Dept. Of ECE
Matrusri Engineering College, Hyderabad
Email: sushanth19.m@gmail.com
M: +91-9849299910
Workshop Email: awcmecs2018@gmail.com

NOTE

Mail the scanned copies of filled-in and duly signed application form with DD/NEFT receipt to Workshop
Email: awcmecs2018@gmail.com


PRINCIPAL

For more details about Electronics and ICT Academy, please visit: <http://nltw.ac.in/eict/>.

For more details, about Matrusri Engineering College Saidabad Hyderabad Please visit: <http://matrusri.edu.in>

• For more enquiries please contact: Mobile: +91-9849299910

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Matrusri Engineering College, Saidabad, Hyderabad
by Electronics & ICT Academy, National Institute of Technology, Warangal



APPLICATION FORM

1. Name of the Applicant: P. SREESUDHA
2. Designation: Asst. professor
3. Email Id.: sree.sudha38@gmail.com
4. Category: Faculty
 - ☒ Faculty/Research Scholars (Rs. 2,500/-)
 - ☐ SC/ST Faculty members (Rs. 1,875/-)
 - ☐ Industry Participants (Rs. 7,500/-)

5. Institution: GNITS (G. Narayanamma Institute of Technology & Science for women)
6. Mobile No.: 9133930002
7. Payment Mode:
 - ☐ Demand Draft No. _____
 - ☒ NEFT/UTR No.: ITU020478
 - Bank: SBI
 - Date: 27-02-19

8. Educational Qualification with Specialization: M.Tech, DECS, (Ph.D)
9. No. of refresher courses /workshops Attended: 7
10. Experience (in Years): 12 Teaching: 12 Research: — Industry: —
Do you belong to reservations SC/ST? (YES/NO): NO
(If yes, please specify and attach a copy of caste certificate to claim the concession)
11. Do you require accommodation during Training? : YES/NO

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: Hyderabad

Date: 27-2-19

Signature of the Applicant

Sponsorship Certificate

Dr./Mr./Ms. P. SREESUDHA is an employee of our Institute/Organization and is hereby sponsored to participate in the FDP on "Advances in Wireless Communications: Challenges & Solutions" Sponsored by Electronics & ICT Academy during, 11th -17th MARCH, 2019 at Matrusri Engineering College Saidabad Hyderabad (Telengana).

Place: Hyderabad

Date: 27-02-19

Address for Correspondence:

Post your application form along with DD/NEFT receipt to

Dr.M.Sushanth Babu
Professor, Dept. Of ECE
Matrusri Engineering College, Hyderabad
Email: sushanth19.m@gmail.com
M:+91-7989727222
Workshop Email: awcmecs2018@gmail.com



Signature of Principal/Head of the Institution

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NOTE

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For more details about Electronics and ICT Academy, please visit: <http://nitw.ac.in/eict/>. For more details about Matrusri Engineering College, Saidabad Hyderabad Please visit: <http://matrusri.edu.in>

*For more enquiries please contact: Mobile: +91-9849299910, +91-7989727222, +91-8500522227.



G.NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE (For Women)
(AUTONOMOUS)
Shaikpet, Hyderabad – 500104

Department: Electronics and Telematics Engineering

2018-19

REPORT

FDP on “Advances in Wireless Communications: Challenges & Solutions”

Date of program: 11-03-2019 to 17-03-2019

Resource person: ICT Academy takes the responsibility of organizing lectures from reputed institutes in India.

About the Program: The FDP program is about Advances in Wireless Communications which is very much required for research in Engineering. The program started with keynote on importance of Advances in Wireless Communications. And the probability and statistics are important for communications and other signal processing applications. In the program there is a hands on session on probability and statistical methods using R, which is very much useful for advanced system design. In the program cryptography related methods also explained in detail as the methods provide security for data and networks. All topics are explained with examples.

Signature of the Faculty member

P. Sreesudha,
Asst. prof,
ETE Dept.

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