CMR TECHNICAL CAMPUS

KANDLAKOYA(V), MEDCHAL ROAD, HYDERABAD-501401

ONE WEEK FACULTY DEVOLOPMENT PROGRAMME

ON

"ADVANCED COMMUNICATION TECHNOLOGIES AND ITS RESEARCH ISSUES"





28TH JUNE 2018 - 2ND JULY 2018

ORGANISED BY

CENTRE FOR ADVANCE COMMUNICATION SYSTEMS

IN ASSOCIATION WITH ISTE CHAPTER

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Mrs Sudha Arvind CACS Lead, Convenor	Prof G Srikanth HOD ECE	Dr A Raji Reddy Director

Chief Patron: Shri C. Gopal Reddy
Chairman, CMRTC.

Patrons: Smt. C. Vasantha Latha
Secretary, CMRTC

Dr. A. Raji Reddy
Director, CMRTC

HOD ECE : Prof. G.Srikanth

Convenor: Mrs.Sudha Arvind
Associate Professor, CACS Lead, ECE

Faculty Coordinator: Mrs.Ch.Sudhamani
Associate Professor, ISTE Faculty Advisor, ECE

CACS Advisory Board Members:

Dr.Ashutosh Saxena.
Dean(R&D), Professor,
CSE Dept.,CMR Technical Campus

Dr.Ahmed Ali Baig,
Dean(Academics), Professor,
Mechanical Dept., CMR Technical Campus

Organizing Committee:

Mr.D.Sreekanth, Asst.Professor, ECE
Mr.T.Nagarjuna, Asst.Professor, ECE
Mrs.S.Sindhu, Asst.Professor, ECE
Mr.T.Sateesh, Asst.Professor, ECE
Mrs.Y.Priyanka, Asst.Professor, ECE
Mrs.T.Harika, Asst.Professor, ECE
Ms.N.Renuka, Asst. Professor, ECE
Ms.V.Divya, Asst. Professor, ECE

CMR TECHNICAL CAMPUS

(Accredited by NBA, Permanently Affiliated to JNTUH & Approved by AICTE) Kandlakoya(V), Medchal Road, Hyderabad-501401

One Week Faculty Development Programme on

"Advanced Communication Technologies and its Research Issues"

28th June - 2nd July 2018

(Under CACS & ISTE Chapter, CMRTC)



(28th June – 2nd July 2018)

Organized By Department of

ELECTRONICS & COMMUNICATION ENGINEERING

REGISTRATION FORM

One Week Faculty Development Programme on

"Advanced Communication Technologies and its Research Issues"

28th June - 2nd July 2018

1.Name: ……..

2.Teaching Experience:…….....

3.a)Designation:…….

b)Department:…….....

c)Institution:…….

d)Affiliating University:…….....

e)ISTE Membership No:……

4.Address for Communication:

…….
…….

5.Phone No.:
……..……...
E-mail ID:……

6.Registration Fee:

Amount **DD No.**

Name of Bank
Date **Signature**

ABOUT THE COLLEGE

CMR Technical Campus has been structured to take a quantum leap on the changing trends of technology. The campus is accredited by NBA in the year 2014. The very strength of CMR Technical Campus lies in its principles of providing the right learning environment for the student who does not have to compromise throughout the learning process of becoming Global citizen. Over the years since it has been established , there has been dynamic progress at CMRTC in all Academic and Research Activities ,and a spectacular improvement in facilities and Infrastructure, to keep it on par with the Best Institutions in India. The Campus epitomizes the Technical Campus Motto, "Learning and Exploring" in providing the best of infrastructure and ambience.

ABOUT THE DEPARTMENT

The Department of Electronics & Communication Engineering (ECE) established in the year 2010 with an intake of 60 students, present intake is of 180.Right from its inception it is continuously striving to impart quality education and promoting competitive spirit among the students for Academic Excellence. Department started M.Tech in Embedded Systems from Academic Year 2012-13 with intake of 24.

Different Centers of the Department, periodically Organize Seminars, Guest Lectures , workshops ,FDP's by inviting Expert speakers from IIT ,NIT and Industries. .

ABOUT FDP:

The Proposed Faculty Development Programme (FDP) is based on the Various Advanced Communication Technologies (like Wireless, Mobile and Vehicular Communication, Satellite Communication, Co-operative Communication, Cognitive Radio, RF & Microwave Communication, Telecom Networks, Device to Device and Multihop Communication, Multiuser MIMO, Massive MIMO , Information Theory and Coding, Smart Grid Communication, Secure Communication)Concepts, Recent Developments, Technological Developments of Next Generations, its Research Issues related to Theoretical and Practical Aspects. This FDP Enhances the Research Competence and provides an Exposure to new Areas of Research, Practical Aspects and provides a platform to interact with Highly Eminent Speakers, Scholars, Industry Persons and Academicians from Various Reputed Organizations.

MAJOR COURSE CONTENTS:

- **Antenna Arrays and Optimization Techniques**
- **Green Cellular Networking for Next Generation Networks**
- **Applications and Challenges of Speech in Mobile Environment with Live Demos**
- **GNSS (Global Navigation Satellite System) Functionality, Challenges and its Applications, IRNSS Architecture, GPS Data Collection Procedure, Processing and its utilization.**
- **Simulation of IEEE 802.11 based MAC protocols for Cognitive Radio Networks and Research Areas in Cognitive Radio Networks**
- **Heterogeneous Networks**
- **Massive MIMO with SIMULINK**
- **Device Centric Resource Allocation Scheme in 5G Networks.**
- **Research Paper Documentation using LATEX**

RESOURCE PERSONS:

(1)Dr.Narasimha Sarma NVS, Professor, Dept. of Electronics & Communication Engg., NIT, Warangal
(2)Dr.Anil Kumar Vuppala, IIIT, Hyderabad
(3)Dr.Abhinav Kumar, IIT, Hyderabad
(4)Prof. Siba K Udgata, AI Lab, School of Computer and Information Sciences, University Of Hyderabad
(5) D. Rajesh Reddy, Scientist-SE, Advanced Data Processing Research Institute (ADRIN), ISRO.
Other Eminent Speakers from Telecom Sector/Industries and CMRGI.

Registration Fee: The registration fee includes workshop kit, presentation material, certificate of participation, lunch, and refreshment for five days.

Industry Person : **1,500/-**
Academic staff : **1000/-**
Academic Staff(ISTE)
Research Scholars & PG Students: **750/-**

Accommodation will be provided to outstation Participants based on their "First come First serve" request basis.

Important Dates:

Last date of Submission: **23rd June. 2018.**
Intimation of Acceptance: **24th June. 2018.**
FDP Dates: **June 28th – July 2nd, 2018.**

Mode of Payment : **Net Banking**
Bank Name: **HDFC Bank**
Branch : **Medchal**
Account Name: **CMR Technical Campus**
Account No.: **16402320000013**
IFSC Code: **HDFC0001640 (or)**

All payments should be made by a crossed Demand Draft (DD) in favour of "The Director, CMR Technical Campus." payable at Medchal.

SPONSORSHIP CERTIFICATE

Certified that Dr./Mr. /Ms. _____ is an employee of our institution since _____. Presently he/she is working as _____, in the ____ department and is hereby sponsored for the one week FDP on "Advanced Communication Technologies and its Research Issues" under Center for Advanced Communication Systems(CACS) and ISTE Chapter at Department of ECE, CMR Technical Campus, Kandlakoya(V), Medchal Road, Hyderabad during the days 28-06-2018 to 02-07-2018.

Place: Signature of the Principal/ Director with Seal

Date:

Contact Details:

Mrs.Sudha Arvind - **9030133571**
Mrs.Ch.Sudhamani - **9885867222**
Mr.D.Sreekanth - **9849271586**
Email: **sudharvind99@gmail.com, sudhamanich@gmail.com, d.sreekanth05@gmail.com**

Kindly Send the scanned copy of Filled Registration form and sponsorship certificate to any of the above E-mail id's. **Website: www.cmrtc.ac.in**

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28th June - 2nd July 2018

1. Name: ……

2. Experience(in years):

Teaching:……. Research:……. Industry:……

3. a)Designation: ……

b)Department: …….....

c)Institution: ……..

d)Affiliating University:…….....

e)ISTE Membership No:……

4. Address for Communication:

……
……..

5. Phone No: ……..……..…….....

6.E-mail ID:……..

7. Accommodation Required: YES/NO

8.Registration Fee:

Amount :……DD No.:…….Bank Name:…….

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.

Signature of the Applicant

SPONSORSHIP CERTIFICATE

Certified that Dr./Mr./Ms. _____ is an employee of our institution since _____. Presently he/she is working as _____, in the _____ department and is hereby sponsored for the one week FDP on "Advanced Communication Technologies and its Research Issues" under Centre for Advanced Communication Systems(CACS) and ISTE at Department of ECE, CMR Technical Campus, Kandlakoya(V), Medchal Road, Hyderabad during the days 28-06-2018 to 02-07-2018.

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