



Visvesvaraya Technological University

"Jnana Sangama", Belagavi - 590 018

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REGISTRAR

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CIRCULAR

Sub: "VTU Sponsored One Week Workshop on Recent Trends in LTE"

With reference to the above, this is to inform that University is sponsoring a one week workshop on "Recent Trends in LTE" to train the faculty to teach newly introduced course 'Wireless Broadband LTE 4G' (Communication Streams 4th sem M.Tech) and 'Wireless Cellular and LTE 4G Broadband' (8th Sem. CBCS-B.E E&C/TCE) with respect to EC/TC Board during 29th January to 02nd February 2018 at R V College of Engineering, Bengaluru.

For Registration/Information:

Dr. Ravishankar S
Professor in E&C department
R.V.College of Engineering, Bengaluru.
(Workshop Coordinator)

Mobile: +919845106136
Email: ravishankars@rvce.edu.in

Dr. Srinivas Rao Kunte,
Chairman, BoS, EC/TC Board
JNN College of Engineering, Shivamogga.

Mobile: +919980005535
Email: kuntesrk@gmail.com

Last date for Registration on 24 January 2018

You are requested to bring this information to the notice of concerned faculty of your institution to participate in the event.

By order,
Sd/-
REGISTRAR

To,

1. The Principals of all Engineering Colleges affiliated and the constituent Engineering College, VTU, Belagavi.
2. The PG Co-Ordinator, VTU Extension Centre / Regional Centre for PG Studies in Bangalore, Belagavi, Kalaburagi & Mysuru
3. Copy to the In-charge Regional Director, VTU's Regional Office at Bengaluru, Belagavi, Kalaburagi & Mysuru for information and circulate to colleges among your respective region.
4. Principal, RV College of Engineering, Bengaluru, with a request to make necessary arrangements.
5. CNC to upload

REGISTRAR

Judy
12/01/18

**Five Day Workshop on
“Recent Trends in LTE”
29th January -2nd February 2018.**

Registration Form

Name _____

Designation _____

Department _____

Qualification: _____

Gender

M

F

Category

GM

SC

ST

OTHERS

Address for Communication: _____

Phone _____

Email _____

Signature of HoD/Principal

Please send the scanned copy of registration form by E-mail to mahesha@rvce.edu.in and shushruthaks@rvce.edu.in

Eligibility:

Faculty from VTU affiliated Engineering colleges working in the department of Electronics & Communication and Telecommunication are eligible.

Lunch and snacks will be provided to all the participants attending the conference. Participants are expected to make their own lodging arrangements to attend the workshop.

There is no Registration fee to attend the workshop.

The number of participants is limited to 100 on a first cum first served basis.

About the University:

Visvesvaraya Technological University (VTU) is one of the largest Technological Universities in India with 16 years of Tradition of excellence in Engineering & Technical Education, Research and Innovations. It came into existence in the year 1998 to cater the needs of Indian industries for trained technical manpower with practical experience and sound theoretical knowledge. University has very successfully achieved the tremendous task of bringing various colleges affiliated earlier to different Universities, with different syllabi, different procedures and different traditions under one umbrella. The university having 202 affiliated colleges, 1 constituent college and 17 Autonomous colleges with undergraduate courses in 35 disciplines, PG program in 94 disciplines and Ph.D & M.sc(Engg.) by Research programs in 592 departments, over 4 lakhs Engineering Students study in the various institutes affiliated to the University. The University has 13 Quality Improvement Programme (QIP) centers in various affiliated colleges and 16 extension centers for offering PG programs. The University revises the syllabus for UG and M.Tech every 4 and 2 years, respectively. It has four regional centers across the State of Karnataka in Belagavi, Bengaluru, Kalaburagi and Mysuru, respectively. University is comprised of a multi-disciplinary and multi-level institution offering wide ranging programmes in Engineering, technology and Management. The University is making steady progress in developing and providing best technical environment for education and will continue to serve the nation in coming years.

About R.V. College of Engineering (RVCE)

R.V. College of Engineering (RVCE), Bengaluru, Karnataka, South India, is one of the premier Engineering institutes of the country, established in 1963. RVCE has celebrated its Golden Jubilee in the year 2015. The college currently has about 5600 students and over 400 faculty and 250 supporting staff. RVCE currently offers 12 Bachelors and 22 Masters Programs with an annual intake of about 1750 students. There are 16 centers for research with provision for Ph.D studies.

RVCE has set a vision “Leadership in Quality Technical Education, Research & Innovation, through Teamwork, with a focus on Development of Sustainable and Inclusive Technology”. Keeping with the vision the faculty and students are encouraged to take up interdisciplinary research projects. As of now, RVCE has funded projects to the tune of over Rs.450 million. RVCE was rated 35 in the NIRF rating conducted by MHRD. RVCE has been awarded “Engineering College of the year-2015” by the higher education review magazine for enhancing employability during December 2015. RVCE has been certified as Global League Institute by Great Place to Study Research Institute (GPSRI) on the 19th November 2015 at prestigious venue - House of Commons, UK by Rt. Hon. Virendra Sharma, MP. RVCE believes in skill and knowledge development among the faculty. This is achieved through FDP and Research initiatives. The institution is looking at promising entrepreneurship in a big way.

About the workshop:

The workshop is being held to enlighten the VTU faculty about the progress of Long Term Evolution (LTE) with specific reference to 4G. Course on LTE 4G has been introduced in the CBCS scheme for both Undergraduate and Post graduate programmes in communication related streams. The workshop is being conducted to facilitate the faculty of VTU engineering colleges to understand the course contents and to get a brief overview about LTE and its components from experts in this area.

Objectives of the Workshop:

- Exposure to the LTE 4G system architecture.
- Understand the basics of multicarrier modulation.
- Understand the physical layer of LTE 4G.
- Exposure to LTE 4G Protocol stacks for various events.
- Exposure to the network side of LTE 4G.

Pre-requisite:

Fundamentals of Communication Engineering.

Last date for Registration: 24th January 2018.

Program Schedule:

Venue: RV College of Engineering Campus

Monday, 29 Jan 2018	10 AM - 11 AM Inauguration. About the Workshop.	Tea Break	11:30 AM - 1 PM Dr. S. Ravishankar RVCE. Course Overview. About LTE - Standards, Basics of MCM.	Lunch Break	2 PM - 3 PM Dr. S. Ravishankar RVCE. Bases of OFDM, DFT, OFDMA, SC-FDMA, Application in Medians
Tuesday, 30 Jan 2018	10 AM - 11:30 AM Dr. Soudar Lakshminpathi CEO MyMo Wireless. LTE System Architecture, LTE 4G Physical Channels, Logical Channels and MIMO	Tea Break	11:45 AM - 1 PM Dr. Soudar Lakshminpathi - Continued	Lunch Break	2 PM - 3 PM LTE - 4G Video Demonstration by Mymo Wireless
Wednesday, 31 Jan 2018	10:00 AM - 11:30 AM Dr. Neelesh Mehta, Associate Prof IISC, Bangalore Scheduling in 4G LTE Systems	Tea Break	11:45 AM - 1 PM Dr. Neelesh Mehta - Continued	Lunch Break	2 PM - 3 PM LTE - 4G Talk by National Instruments
Thursday, 1 Feb 2018	10 AM - 11:30 AM Anand Mohandas, Senior Research Engineer, CDOT, Core Network of 4G	Tea Break	11:45 AM - 1 PM Anand Mohandas CDOT - Continued	Lunch Break	2 PM - 3 PM LTE - 4G Talk by National Instruments

CHIEF PATRONS:

Dr. Karisiddappa, Hon'ble Vice Chancellor, VTU
Dr. M K Panduranga Setty, President, RSST
Dr. H N Jagannatha Reddy, Registrar, VTU
Mr. A V S Murthy, Hon. Secretary, RSST
Dr. K N Subramanya, Principal, RVCE

ORGANIZING COMMITTEE:

Dr. R. Srinivasa Rao Kunte, Chairman, BOS (EC/TC) and Professor, ECE, JNNCE, Shivamogga.
Dr. S. Ravishankar, Professor, ECE Dept, RVCE
Dr. Uma B. V, Prof. & Head, ECE Dept., RVCE
Dr. M Uttara Kumari, Professor, ECE Dept., RVCE
Prof. R K Manjunath, Professor, TCE Dept., RVCE
Dr. Mahesh A, Asst, Professor, ECE Dept., RVCE
Dr. Shushrutha K S, Asst, Professor, ECE Dept., RVCE
Mr. Raghunandan B.H, Foreman, ECE Dept., RVCE

FOR CORRESPONDANCE:

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**Five Day Workshop on
"Recent Trends in LTE"
29th January - 2nd February 2018.**

**Jointly organized
by**

Visvesvaraya Technological University, Belga



**and
R V COLLEGE OF ENGINEERING
(Autonomous Institution Affiliated to VTU, Belagavi)
Bengaluru-560059.**



2017-2018