

**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

Eligibility:

Faculty from VTU affiliated Engineering colleges working in the department of Electronics & Communication and Telecommunication are eligible. **Max. Two participants from each college.**

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.

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

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) established in 1963 is one of the earliest self-financing engineering colleges in the country. The institution is run by Rashtreeya Sikshana Samithi Trust (RSST) a not for profit Trust. RVCE is an Autonomous college. Currently, the institution offers 12 Bachelor, 21 Master Programs and all the departments have research centres, affiliated to Visvesvaraya Technological University (VTU) Belagavi. The institution has set itself a

Vision “Leadership in Quality Technical Education, Interdisciplinary Research and Innovation, With a Focus on Sustainable and Inclusive Technology”. Recent awards and achievements includes “Engineering College of the Year-2017” by the Higher Education Review Magazine, Certified as 'Global League Institute' by Great Place to Study Research Institute (GPSRI), Ranked 49th in the Country by National Institutional Ranking Framework (NIRF), Ranked 7th among the top 113 Pvt. Engg. Colleges by The Week Magazine, Ranked in top 10 Private Engineering Colleges in the Country by Education World Magazine. The Institution is awarded as one of the best NCC Institute for Karnataka and Goa directorate. All the UG programs and eligible PG programs have been accredited multiple times by NBA. The College currently has student strength of about 5600, faculty strength of over 400, Technical & Administrative Staff of 245 and about 250 Research Scholars are pursuing Ph.D.

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 - 11AM 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. Basics of OFDM, DMT, Application in Modems	Tea Break	3.15 PM - 5 PM Dr. K. Sudhindra BMSCE. LTE- Overview, Channel structure, spectrum and network performance monitoring
Tuesday, 30 Jan 2018	10 AM - 11.30 AM Dr. Sondur Lakshminipathi CEO MyMo Wireless. LTE System Architecture, LTE 4G Physical Channels, Logical Channels and MIMO	Tea Break	11.45 AM - 1 PM Dr. Sondur Lakshminipathi Continued	Lunch Break	2 PM - 3 PM LTE - 4G Video Demonstration by Mymo Wireless	Tea Break	3.15 PM - 5 PM LTE - 4G Video Demonstration by Mymo Wireless
Wednesday, 31 Jan 2018	10 AM - 11.30 AM Dr. Neelesh Mehta, Associate Prof.HIS. Link Adaptation and 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	Tea Break	3.15 PM - 5 PM LTE - 4G Demonstration of aspects by NI
Thursday, 1 Feb 2018	10 AM - 11.30 AM Anand Mohandas, Senior Research Engineer. CDOT. Core Network of 4G LTE System	Tea Break	11.45 AM - 1 PM Anand Mohandas CDOT - Continued	Lunch Break	2 PM - 3 PM LTE - 4G Talk by National Instruments	Tea Break	LTE - 4G Demonstration of aspects by NI
Friday, 2 Feb 2018	10 AM - 11.30 AM Talk by NOKIA Networks, Bangalore.	Tea Break	11.45 AM - 1 PM Talk by NOKIA Networks, Bangalore - Continued	Lunch Break	2 PM - 3 PM Demonstration of NS2 by Dr.Kiran M, JNNCE, Shimoga	Tea Break	3.15 PM - 4.15 PM Demonstration of NS2 Continued. 4.15 PM - 5 PM Valedictory Function

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) & 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

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"Recent Trends in LTE"
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**Jointly organized
by**

**Visvesvaraya Technological University
Belagavi**



and

R.V. College of Engineering
(Autonomous Institution Affiliated to VTU, Belagavi)



**R.V. Vidyaniketan Post, Mysuru Road,
Bengaluru - 560059.**