



PROF. DR. SANJAY SINGH THAKUR

HEAD OF DEPARTMENT, ELECTRONICS AND TELECOMMUNICATION
ENGINEERING

Hello Everyone,

It gives me immense pleasure to mention Department strengths, achievements, student's contribution, workshop's and many activities that made this quarter successful. In this quarter, department had organized Short term training program on telecommunication networks, conducted final year project reviews, all our faculty members contributed in NAAC, NBA and Autonomy work along-with their assigned academic task.

I thank all our faculty members who patiently executed task of STTP with international speakers. I would therefore say that Department of Electronics and Telecommunication Engineering will continue working diligently to bring Excellence in our outcome.

Our best wishes to our students for their forthcoming examination. Please take care, stay safe, stay healthy and stay connected !!

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- Prof. Ashish Shekhar

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Topic of the Quarter

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“ The secret of change is to focus all of your energy, not on fighting the old, but on building the new. ”
-Socrates

STTP: TELECOMMUNICATION NETWORKS PHASE 3

Vidyalankar Dnyanapeeth Trust's
Vidyalankar Institute of Technology
Announces
AICTE Sponsored
Series of One Week
Short Term Training Program
On
"Telecommunication Networks"
(STTP Phase-III: 13th – 18th Sep, 2021)
Online Mode of Delivery: MS Teams



Organized by:
Department of Electronics and
Telecommunication Engineering,
Vidyalankar Institute of Technology, Mumbai

DATE: 13th to 18th September, 2021

List of Speaker's:

1. Mr.Vipin Tyagi, Executive Vice president at Premier global services inc.
2. Dr.Sanjay Singh Thakur, HOD and Professor, EXTCDept. VIT, Mumbai
3. Dr.Abhijeet Rawankar, Associate Professor, Kitami Institute technology, Japan
4. Mr.Ravikumar Jain, R&D Engineer, AMO Germany
5. Dr.Shivraj Rathod, Assistant Manager Defence R&D, Bharat Forge Ltd.
6. Dr.Vivek Bohara, Associate Professor, IIIT Delhi
7. Dr.Anand Srivastav, Professor IIIT Delhi
8. Dr.Saurabh Mehta, CAO, VIT, Mumbai
9. Miss Anagha Bhosale, DGM BSNL Kolhapure
10. Dr.S.Navale, Principal Sinhad College of Engineering
11. Dr.Saurav Mitra, Professor, KLS Gogte Institute of Technology, Karnataka
12. Dr.Gourab Ghatak, Assistant Professor, IIIT Delhi
13. Mr.Ajinkya Kulkarni, Lead Engineer RF, Cooper lighting
14. Dr. TATA Sudhakar Head of the Technology Group at National Institute of Ocean Technology.

The AICTE Sponsored STTP was conducted in the month of September By EXTC Department. The objective of the STTP was to enhance the understanding of teachers in the area of Next generation network with new technologies meeting the requirement of industry as well as academia. For this Phase three STTP, the contents included are as follows: Wireless networks and challenges, Immerging standards in the field of Pico Networks, Performance optimization of wireless networks, Wireless sensor network and IOT, Wireless network in Game theory, Software defined Radio and Cognitive Radio, Wireless Network applications. Department like to thank STTP Co-Ordinator team and organizing team for successful conduction of STTP.

Department Staff

Dr. DHANANJAY PATEL
ASSOCIATE PROFESSOR



EDUCATION QUALIFICATION
Post Doc in Bio photonics
PhD in Optical communication

WORKING EXPERIENCE:
12 YEARS

AREA OF SPECIALIZATION:
Optical Communication
Analog Communication
Digital Communication

PROF. ASHISH SHEKHAR
ASSISTANT PROFESSOR



EDUCATION QUALIFICATION:
ME EXTC

WORKING EXPERIENCE:
8 YEARS

AREA OF SPECIALIZATION:
Digital Signal Processing
RF and Microwave Engineering
Antenna Designing and Simulation

Student's Speak

Kshitija Pudari TE EXTC

Every new day is a chance to change your life. Whether you take the chance or decide to leave determines who you will be. Enrolling in VIT was one of the best decisions of my life, and it continues to stand true.

VIT has been a great contributor to the development of my personality. The atmosphere here has an exhilarating scent. It is a place where the people are friendly, the environment is respectful, and we have amazing resources.

The professors here focus on making students understand the concepts rather than just giving out content letting them swallow it. The regular mentoring sessions they conduct gives you a chance to open up about your hardships and seek guidance to overcome them. Ever ready to help and deliver the best education, they have also been the guiding pillars of my life. Their teachings and learnings full of wisdom are something I'll treasure forever.

The infrastructure of VIT is one of the finest I have ever seen, and that's what stands out the most. The best thing about this place is the cross-culture interaction between students from various parts of the country. Thanks to the technical committees here, I have established my leadership, time management, and team skills, enabling me to grow as an individual.

Striving to improve from yesterday and sculpt a new version of myself today to face the tomorrow sums up my journey in VIT. My wish is to express all my gratefulness by giving my best. Thank you for this wonderful experience, VIT!



Department Updates

- EXTC Department conducted short term training program on Telecommunication networks –Phase 3 in the month of September 2021.
- Under IETE Committee, EXTC department organized workshop on Labview on regular Saturday's in this quarter.
- Department successfully conducted project review to encourage final year students to take up challenging projects and to finalize the project titles.
- Department also conducted orientation sessions to introduce elective subjects and to give insights on regular semester subjects to SE,TE and BE students.



Topic of the Quarter:

Massachusetts Institute of Technology and Ericsson enter collaboration Agreements to research the next generation of Mobile Networks. New mobile network generations bring ultra-fast speed, low latency, and superb reliability to the end user. However large, feature-rich networks are complex structures to manage for network operators. Ericsson is working to research cognitive networks, which rely on artificial intelligence (AI) to enable a secure, highly automatized, data-driven network operation. Figure in the left and this content is taken from following Reference:

Reference: <http://www.eecs.mit.edu/news-events/media/mit-and-ericsson-enter-collaboration-agreements-research-next-generation-mobile>

Know an Alumna

Priyanka Kurle: Batch 2021

Talking about Vidyalankar institute of technology, is proudest feeling to share things related institute. I was from 2021 pass out batch student from EXTC department Engineering. I feel so lucky to be part of this institute, because of many reasons. The education system, very cooperative non technical staff are one of most reasons. The heart of the institute is All the teaching staff, they all are Experts in their respective subject. Coming to the Placement department, the institute provide best placement. They trained students technically and professionally also which help students to get place in top MNC.

The Vidyalankar institute of technology is best institute to become part of it. I am Lucky to say that, I did my engineering From Vidyalankar institute of technology...

Testimonial from TE EXTC B CR: Kanishka Gupta

"As an ambitious student who is driven by goals and aspirations, I was always looking for a college that provided me with more than just the conventional education and I'm ecstatic to say that VIT has been that college for me! VIT has offered me the best facilities that not only assist in educational purposes but also co-curricular activities that shape a student into a leader. With constant guidance and support from the most cordial and learned faculties and a study environment with abundant opportunities to showcase and hone one's talents, skills, and interests, VIT has always helped me in extending my horizons and capabilities. It has always reminded a perfect college for me to say the least in not just terms of the knowledge and education that is imparted but also the opportunities that are offered to every student through various clubs, activities, and organizations as a platform to not just be studious but instead an all-rounder.

To articulate it, VIT has been a holistic experience that every student wishes for while passing out of college and it has been more than just any conventional engineering college and an integral part of my life!"



Faculty

Achievements

Achievements of Dr.Sanjay Singh Thakur

1. Reviewed paper titled Dual band-stop metallic surface for Bluetooth and WLAN Band in Wireless Personal communications-Springer Nature.
2. National Advisory committee member : 3rd International conference on Multidisciplinary Innovation in academic research (ICMIAR- 2021) 25th-26th November, 2021 Chennai.
3. International advisory committee member for 2nd International conference on science, Engineering and Management(ICSEM -2021),26-08-2021 and 27-08-2021,Colombo Sri Lanka.
4. Session chair, International conference on Recent challenges in Engineering Science and Technology(ICRCEST 2021), Pune, 27th and 28th August,2021
5. Convenor and resource person, STTP.

Achievements of Dr.Saurabh Mehta

1. Successfully completed Advanced Ambassador training program by MHRD and IIC India, in July-Aug 2021.
2. Successfully Completed Faculty Mentor Training by AICTE and NITTTR, Aug 2021
3. Successfully Completed ARM University Training by ARM and AICTE, Aug 2021
4. 6 Invited Talks at State and National Level Universities/Institutes (July-Till Date)
5. Plenary Speaker, 7th International Conference on Wireless, Telecommunication & IoT, London, September 2021
6. Evaluator for Technical Competitions at DBCOE, Goa, and SMELT, IEEE , Aug 2021
7. Two Copyrights Granted by Government of India, September 2021

“If we make the right decisions now—informed by science, data and the experience of medical professionals—we can save lives and get the country back to work.”

BILL GATES

Prof.Vaibhav Kshirsagar's Achievement

Prof.Vaibhav Kshirsagar Successfully achieved following International certifications in the month of September,2021 in Technical domain:

1. Quality Methods from SAS Analytics ,USA.
2. Exploratory Data Analysis from SAS Analytics, USA.
3. Statistical Thinking for Industrial Problem Solving from SAS Analytics, USA.

Achievement Verification links are as follows:

https://www.credly.com/badges/631e0667-758a-43c8-94ba-f2559fab2170/public_url

https://www.credly.com/badges/33ff274a-83bb-4a91-8480-917bf180c30a/public_url

https://www.credly.com/badges/97ca39ed-427f-4710-a360-cb029b7bf85d/public_url

UPCOMING EVENTS

- INTERNATIONAL CONFERENCE ROBOTICS, SMART TECHNOLOGY, COMMUNICATION AND ELECTRONICS ENGINEERING (ICRMTCEE) NANDED ON 1-11-2021
- PRACTICAL AND END SEMESTER EXAMINATION FOR SE,TE AND BE STUDENTS WILL BE HELD IN NOV-DEC 2021.
- INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN ENGINEERING, TECHNOLOGY AND SCIENCE (ICRAETS) PUNE ON 3-11-2021.

“
COVID-19 has only made digital more relevant as companies...have undergone their own massive, overnight experiment in agile, and remote ways of working.
”

-Kate Smaje,

THE
EDITORIAL TEAM

PROF. AMEY REVANDKAR
Chief Editor