Extension Lectures Organized

SNo	Name of the Invited Scholar with full Address	Title of the Lecture Delivered	Date of Lecture
1.	Mr Anand.M , Senior Research Engineer, C-DoT	Telecom Networks, Standards and Management in India	19.08.2017
2.	Mr Vinay Raj, TIME, Bangalore	Career Opportunities for Higher Education	22.08.2017
3.	Mr Ravishankar Shiroor, Co-founder and Senior Consultant, Stellapps Technologies	Sensors and Big Data Analysis in Food and Agriculture Sector	01.09.2017
4.	Mr Gopalan, Senior Software Engineering Manager, Intel, India	Entrepreneurship	9.09.2017
5.	Mr Gangadhar, Research Scholar, IISC and Mr Sairam from Philips	Arise, Awake	14.10.2017
6.	Mr B A Subramani Secretary & Station Director Upagrah Amateur Radio Club VU2URC ISRO Satellite Centre	Space Communication- A Practical Perspective	11.11.2017
7.	Mr B A Subramani Secretary & Station Director Upagrah Amateur Radio Club VU2URC ISRO Satellite Centre	HAM-Ametuar Radio	11.11.2017
8.	Mr Anand Bhat (Director of Engineering, Intel India)	Design for Test and its importance	11.11.2017
9.	Dr Sharath Kumar, CTO (Special Projects), Reliance JIO	New trends in Mobile Communication-3G, 4G and beyond	16.11.2017
10.	Mr Samba Murthy, General Manager, VigVin Tech	CCNA Course introduction	16.11.2017
11.	Mr Samba Murthy, General Manager, VigVin Tech	CCNA and its Benefits	03.02.2018
12.	Mr P S Satish Director, Saraswati Industrial Services, Bangalore	Being Successful	09.02.2018
13.	Mr Keeriti Keshavmurthy Analytics-Architect – VISA Inc. Bangalore	IOT Analytics	10.02.2018
14.	Vighnesh Tyagarajan Embedded Software Developer, TCS, Bangalore	How to be Industry Ready?	10.02.2018
15.	Dr B Ravishankar Professor & Placement officer, BMSCE	Additional Skills for Placement	14.02.2018

16.	Vinay Rao Technical Lead-CISCO, USA	Industry trends, evolution and relevance of Networking	09.03.2018
17.	Suyash Bhatt Design Engineer, Tektronix, Bangalore	Developing and aligning skills with Technology trends	09.03.2018
18.	Kritish Dhariwal Founder, Engineering Stores	Arduino and Sensor Management	10.03.2018
19.	P J Bhat Distinguished Scientist, ISRO/ISAC (Retired)	Software for Space	17.03.2018
20.	Nithin Bharadwaj Associate Consultant at Siemens Healthineers, India	Real time Image Processing Applications in Medical Domain	17.03.2018
21.	Sashirekha M Operations/Branch Head Planet Education Karnataka	Why does studying abroad matter' understand the importance of the experience and how to leverage the opportunity to ensure you are meeting career goals	23.03.2018
22.	Suresh G Rao Director, ORNNOVA Bangalore	The role of Digital Communication in Aerospace Engineering	06.04.2018
23.	Suyash Bhatt Design Engineer, Tektronix, Bangalore	Technology trends & skills required for Telecom Engineers	07.04.2018
24.	Mr B A Subramani Secretary & Station Director Upagrah Amateur Radio Club VU2URC ISRO Satellite Centre	HAM Radio and Space Communication	07.04.2018

Telecom Networks, Standards and Management in India

By Mr Anand.M , Senior Research Engineer, C-DoT
19th August 2017

Statics of Participants:

Students:70   Faculty:01

Extension lecture Brief:

Telecom Networks ,Standards and Management organized for the students of V semester
 The session was interesting as Mr, Anand M, Senior research Enginner, C-DOT (Centre for Development of Telematics) spoke about the telecommunication industry, their standards and management happening in India. He briefed about front end and back end of the telecommunication network and the role of the standardization bodies. He briefed that the participation of C-DOT in the development of this industry is through the contribution to the standards from India..

 At the end of the day the participants were aware of the advances happening in the field of Telecommunication, Standardization, management and the Contributions from India. The students found the talk informative and the outcome of the talk will be assessed through the quiz including questions from the talk.

Coordinator: K P Pushpavathi

Career Opportunities for Higher Education
By Mr Vinay Raj, TIME, Bangalore

Statics of Participants

Students: 70 Faculty: 01

Extension lecture Brief:

The speaker mainly emphasised on CAT examination and trainings provided by T.I.M.E .

CAT is an entrance exam for mor than 160 management institutes across INDIA, including 13 IIM's .CAT focuses intensively on general aptitude which are key areas tested in most competitive exams . He also spoke about the examination procedure. The written exam is conducted every year in the month of around october- november over a test window of approximately 4 weeks.

Students are acquainted with the fundamental and basic concepts pertaining to a variety of areas that are tested in CAT and similar managment entrance exams. T.I.M.E.S Bangalore launches a specially designed well reserched course for students who are willing to write CAT exam. Training is also given for XAT,MAT,IIFT,and other management entrance exams.

The seminar was very informative regarding various options for higher studies. It is definitely one of the best institutes if you are planning to ace CAT and get into a reputed B-school.

Sensors and Big Data Analysis in Food and Agriculture Sector
Mr Ravishankar Shiroor, Co-founder and Senior Consultant, Stellapps Technologies

Statics of Participants: Students:70 Faculty:02

The third year students of the Telecommunication Engineering department attended a talk by Mr. Ravishankar on Sensors and Big Data Analytics in the Food and Agriculture Sector.

The talk started off with how much food is wasted each year and the different kinds of losses.

The sensors used in farming help with water management, temperature management, humidity control, amount of micro-nutrients in the soil control, power management, electrical fence management, etc. All these sensors help maintain the ideal conditions necessary for proper crop growth.

The sensors used in processing and distribution help with machine running and cleaning. The include GPS, gas/chemical detectors, door open/close sensors, temperature sensors, cooler/compressor ON/OFF sensors, weight sensors and power consumption sensors. These sensors make sure that the food is made fit for consumption and distributed with minimal wastage.

Coordinators: Mr Manjunath P S & Dr Rajeshwari Hegde

Entreprenuership
Mr Gopalan, Senior Software Engineering Manager, Intel, India

Statics of Participants:

Students:76

Faculty:02

The talk titled 'entrepreneurship development' was delivered by Mr.Gopalan Oppilliapan, a Senior manager in 'Supply chain Big data and analytics' on the 9th of September in BSN hall at 11:15 a.m, to an audience of around 76 students which had most of second year students, and a few 3rd year students. The talk only took place for around 40 minutes, and was very efficiently given. He spoke about the importance of entrepreneurship and opened the students' eyes to how entrepreneurship can change the world. Many students were helped, by inspiring them to be successful entrepreneurs.

Coordinators: **Mr Manjunath P S & Dr Rajeshwari Hegde**

Arise, Awake
Mr Gangadhar, Research Scholar, IISC and Mr Sairam from Philips

Statics of Participants:
Students:71
Faculty:02

Department of telecommunication ,BMSCE had organized a guest lecture for students on 14th October 2017. it was delivered by Mr. Elluru Gangadhar ,research scholar department of instrumentation and applied physics, IISC Bangalore. the topic was arise and awake .the main objective of the session was to help students concentrate better, create confidence to achieve things and excel in them and the role meditation plays in achieving them. the session started at 10:00 am and went on till 11:15 am.

Session was started by quoting Swami Vivekananda words "arise and awake and rest not till the goal is achieved". the speaker compelled the need to come out of the lethargic condition and to be attentive which is much required in today's condition. Our perspective of viewing technology as a benefit was mentioned. the importance of living in the present and being conscious was emphasized .

the overall session was an interactive session and created awareness about the essence of meditation and the compulsion to stay conscious and attentive.

Coordinators: Dr Rajeshwari Hegde, P S Gowra

Space Communication- A Practical Perspective
Mr B A Subramani Secretary & Station Director Upagrah Amateur Radio Club, VU2URC ISRO Satellite Centre
(Under IEEE student chapter, BMSCE)

Statics of Participants: Students:50 Faculty:02

The extension lecture on Space communication-A Practical Perspective was organized by Department of Telecommunication Engineering, BMS College of Engineering College, Bangalore, as part of the VII semester course SATELLITE COMMUNICATION. The session started on 11th November 2017, in the Seminar Hall of Telecommunication Engineering department, BMSCE at 10.15pm.

Faculty from TCE department, Smt.Anushalalitha.T welcomed the speaker and attended alongwith VII semester students. Vishruthi K.Acharya, VII sem student, did the formal introduction to the Resource person as Secretary & Station Director, Upagrah Amateur Radio Club VU2URC, ISRO Satellite centre. The one and half hour talk gave insights on satellite communication spanning the basics of Satellite communication such as Microwave frequencies, Radio wave propagation aspects, Modulation, Orbits-Geostationary orbits, Advantages of satellite communication, Satellite application during disasters- Ham Radio, Satellite remote sensing, satellite tracking using SDR antennas etc. The talk was interactive and helped in students in getting to know the practical aspects of Satellite communication, in general.

Coordinators: Dr Rajeshwari Hegde, T Anusha Lalitha

HAM-Ametuar Radio
Mr B A Subramani Secretary & Station Director Upagrah Amateur Radio Club, VU2URC ISRO Satellite Centre
(Under IEEE student chapter, BMSCE)

Statics of Participants: Students:50 Faculty:01

Mr B A Subramani from ISRO addressed the students of 5th semester from Telecommunication branch on the steps to become an Amateur HAM Radio operator, its numerous advantages and that it not only is one of the best hobbies any engineer can undertake but can also be a great benefit to the society.

He motivated the students by telling them that by becoming a HAM Radio operator, any student can have a transmitting station at their own homes that operates as a Satellite ground station, and that this is the only hobby in India that requires a licence from the government to pursue it.

The steps he mentioned to become an operator are firstly ,the students need to have a good fundamental knowledge of electronics and wireless communication and some rules and regulation governing the working of the HAM Radio, and that they will have to pass a test based on these two topics to earn their licence to transmit and receive radio signals.

There are also a lot of fun activities that the students can participate in like treasure hunt of transmitters by building receivers, and many others that are held frequently so it is a great way to gain knowledge.

Coordinator: Dr Rajeshwari Hegde

Design for Test and its importance
By Mr Anand Bhat, (Director of Engineering, Intel India)
(Under IEEE student chapter, BMSCE)

Statics of Participants:
Students:50, Faculty:01

Mr Anand Bhat, an engineer with over 15 years of experience in VLSI field working in elite companies like Qualcomm, and presently at Intel, gave the students of Telecommunication branch 5th Semester a quick peek into the VLSI Industry. He gave a brief introduction to his domain of specialization, Design for Test.

Design for test deals with testing the manufactured chips and circuits at every step of the process. He emphasized the importance of Design for test in VLSI industry , by explaining how the cost of losses due to errors rises exponentially at each step of manufacturing, this makes testing at each step absolutely necessary , to prevent defective products.

Mr Anand Bhat patiently listened to the questions asked by the students with regards to career opportunities in the VLSI field. The students of 5th Semester TCE had a very informational and interactive session with the expert speaker.

Coordinators: Dr C Gururaj, Dr Rajeshwari Hegde

New trends in Mobile Communication-3G, 4G and beyond

By Dr Sharath Kumar, CTO (Special Projects), Reliance JIO
(Under IEEE student chapter, BMSCE)

The session started with the basics of wireless communication and the architecture of GSM. The evolution of wireless networks was covered in detail. Why 4G network is called as MAGIC was explained and is due to following

- ➢ Mobile Multimedia
- ➢ Anytime Anywhere
- ➢ Global Mobility support
- ➢ Integrated wireless Solution
- ➢ Customized personal services

4G network provided data speed upto 100Mbps and the technology adopted in NG is MIMO

Coordinator: **Prof P S Gowra**

CCNA Course introduction
Mr Samba Murthy, General Manager, VigVin Tech
(Under IEEE student chapter, BMSCE)

Department of telecommunication in associate with IEEE (student branch) has organized an introductory session on CCNA training program certified by CISCO. It was held at BMSCE on 16th November 2017.

The session started with inviting the speaker Mr. SAMBAMURTHY C V (General Manager - Technical VIGVEN TECH MARK Pvt. Ltd Bangalore) by Dr. RAJESHWARI HEGDE (HOD, TCE

The session initially started by giving the overview of Cisco certifications on CCNA. It includes entry level, association level, professional level and finally the expert level. Later the speaker told how the CCNA exams can be taken.

Then he told about why a telecom student should take up the training and how it improves the knowledge in networking and also how it will help us during the placements. Then the speaker explained us about the CCNA exam pattern and how it is conducted. Sir also told us the benefits of CCNA certification and its exposures in various fields. The session was then continued by explaining how CCNA training would take place in BMSCE. He explained the duration and assessment pattern of CCNA training program. The session was made more interactive by clarifying the questions asked by students.

Coordinators: **Shreenivas B, Dr Rajeshwari Hegde**

CCNA and its benefits
Mr Samba Murthy, General Manager, VigVin Tech

Department of telecommunication has organized an introductory session on CCNA and its Benefits program certified by CISCO. It was held at BMSCE on 3rd February 2018

The session started with inviting the speaker Mr. SAMBAMURTHY C V (General Manager - Technical VIGVEN TECH MARK Pvt. Ltd Bangalore) by Dr. RAJESHWARI HEGDE (HOD, TCE

The session initially started by giving the overview of Cisco certifications on CCNA. It includes entry level, association level, professional level and finally the expert level. Later the speaker told how the CCNA exams can be taken.

Then he told about why a telecom student should take up the training and how it improves the knowledge in networking and also how it will help us during the placements. Then the speaker explained us about the CCNA exam pattern and how it is conducted. Sir also told us the benefits of CCNA certification and its exposures in various fields. The session was then continued by explaining how CCNA training would take place in BMSCE. He explained the duration and assessment pattern of CCNA training program. The session was made more interactive by clarifying the questions asked by students.

Coordinators: Shreenivas B, Dr Rajeshwari Hegde

Being Successful
Mr P S Satish, SWAYAM student Forum
9th February, 2018

Statics of Participants:
Students:80, Faculty:4
Program Brief

The main theme of the talk was on "Being Successful", Mr PS Satish started off the talk by explaining the importance of greeting, in particular he spoke about the importance of saying "Good morning" with the right attitude. He explained that it shows the energy level in a person and reflects the personality of a person. He made the students practice the art of saying "Good morning" with the right energy.
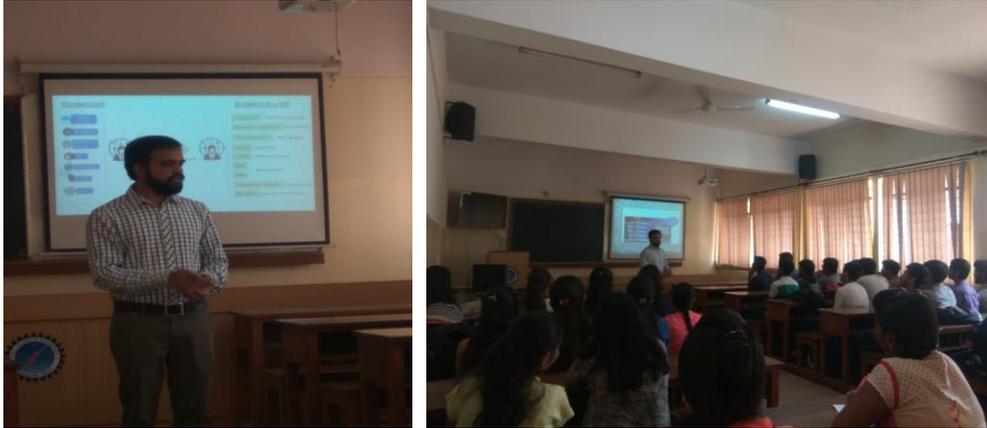
Mr PS Satish then spoke about the difference between Dreams and Goals, by giving a case study of the first person to climb Mt Everest - Tenzing Norgay, He spoke about how Norgay had visualized his destiny by setting up a goal everyday and achieving the goal by any means, in order to achieve his dream of climbing Mt Everest.

Mr Satish then spoke about how we should sell our skills in order to land a job, by asking the audience to try and sell a pen. He informed that in order to be successful we should recognize the demand in the market and we should couple our interest and develop skills to satisfy the demand. He said it is vital that we learn something from anyone, and embed those desirable qualities in us.

IoT Analytics
Kireeti Kesavamurthy, Analytics-Architect – VISA Inc. Bangalore

10th February, 2018

Program Brief

The speaker mainly emphasized on evolution of data intelligence, ill effects and growth of IOT. By 2020, the average internet user would be 1.5GB of Traffic per day. He gave examples on radiation from electronic devices and its effect on humans. IOT has grown over 130 million payment transactions per day. Time required to access a VISA card has been reduced up to 1.6 sec. Business through IOT has been increased namely supply chain, warehouse/inventory, house automation, finance, costing, SRM, CRM, etc., The talk also contained how technology has been improved such as IOT, BOTS, data lakes, AI, Machine learning, etc., Recently Hanson robotics has been started which could answer to every single question that had been poked to it. For ex: if we take share markets, robot helps to decide on where to invest. This has been tested and the results were better than the one given from an expert in the field. Most of the time using history decision will be taken by most of the IOT products. Technical eco system i.e., identifying opportunities, high value, productivity gain, cost saving, new markets, etc., There after question where poked by the students and reply was more understandable to the students.

How to be Industry Ready
Mr Vighnesh Tyagarajan, Embedded Software Developer, TCS, Bangalore

10th February, 2018

Program Brief

He mainly emphasized on what we need to do right now to get ready to placement.

Talk started by making students to think what they need to do after completing B.E., whether to do higher studies or job. He pointed out that even though we go for higher studies we land finally doing a job after that. The sample technical question was given to solve.

What must be done now to get placed in a company we dreamt? Which were answered by the students. He spoke regarding the basics to be known before going to a placement. He also emphasized on how learning should be done rather than studying for exams. Students are acquainted with the fundamental and basic concepts pertaining to a variety of areas that are tested in interviews. He made students to concentrate on how their mini projects and projects must be done on their own. Key points were given about that. Rather than studies a field should be chosen on our interest which would make us differentiate from others.

Marks are just to create a way but it will not help us to succeed in that path. Only the knowledge we have will help us to go through. Learn to know why we read each and everything in our curriculum which acts a building block for everything that would be learnt in our future during working as an engineer. There was a question section in which students asked their various doubts regarding industry and placement.

Additional Skills for Placement
Dr B Ravishankar, Professor & Placement officer
14th February, 2018

Program Brief

He motivated the students to gain skills such as Artificial Intelligence, Machine learning, Deep Learning, Programming Languages, etc that are currently the most sought out topics that companies are looking for.

He guided the students on how to hone and maximize their skills that are crucial in any job interview .He highlighted the importance of confidence and fearlessness during an interview.

He gave a brief introduction on how placements are conducted, the number and type of companies that recruit the students and explained that each company's written test varies based on their requirement.

He encouraged the students to start immediately to get skills in the fields they are interested in. He clarified the doubts of students regarding the company's perspective of what they look for in a candidate.

He mentioned that the college, faculty and placement team is always ready to provide any help the students need to improve their qualities.

Coordinators: Shreenivas B, Dr Rajeshwari Hegde

Industry trends, Evolution and relevance of Networking
Mr. Vinay Rao, Technical Lead, CISCO, USA
8th March, 2018

Statics of Participants:
Students:61, Faculty:2
Program Brief

Vinay Rao holds BE degree in Telecommunication Engineering from BMSCE and MS in Computer Network Engineering from North Carolina State University, USA. He is currently working as a Technical Lead at CISCO. He gave introduction about the topics like Data centers and virtual machines and spoke about the databases that it provides. He briefed about Host mounting on Containers in a given network and its advantages in the field of telecommunication. He also introduced to the students about the disaster management of any equipment or a given network. Finally he briefed about some projects that the students can perform in the field of networking like building a search engine, building a game with multiple hosts etc.

At the end of the day the participants were aware of the industry trends and its relevance in the field of networking. The talk were informative and the outcome of the talk is the project ideas the students can implement in the final year and he gave his concern in helping the students regarding the same.

Coordinators: Dr Rajeshwari Hegde, M Vasanthlakshmi

Developing and aligning skills with Technology trends

Mr. Suyash Bhat, Design Engineer, Tektronix, Bangalore

8th March, 2018

Statics of Participants:
Students:60, Faculty:2
Program Brief

Beginning with, he shared his work experience in Tektronix. He also mentioned that ideas and suggestions of different people are very important in designing by quoting an instance experienced by him during a seminar organized by Tektronix in Taiwan. He also spoke about marketing skills and organization. He suggested to spend more time in watching TED TALKS which helps us to get innovative ideas and know other's ideas which are worth spreading. He suggested in particular to watch talk by Simon Sinek. Simon Sinek has a simple but powerful model for inspirational leadership -- about golden circle in which he states that our career, always function on three levels: What we do, How we do and Why we do it. When all those are aligned it gives us a filter through which we can take necessary decisions. He states "Whenever you embark on a new project, whether in life or business, start with why. That means—focus more on the reason why do you want to do it? Whatever you're trying to do, ask yourself 'Why do I want to do this?' ".

He also suggested to make a maximum utilization of the facilities and components available in the college laboratories.

Coordinators: Dr Rajeshwari Hegde, Dr Prasanna Kumar M K

Arduino and Sensor Management
Mr. Kritish Dhariwal, Founder, Engineering Stores
9th March, 2018

Program Brief

The workshop started off with the introduction to Arduino, the various boards available and why they are being used. The layout of the boards, with their pin configurations were also discussed. The various purposes of using each board, like the Arduino Uno, lylipad and other boards with the Bluetooth modules was shown.

The implementation of sensors on the Microcontroller was also displayed, for general purposes like light and temperature intensity detection etc.

The Second part of the workshop was on Coding the Arduino. The Body and various data types used in coding was taught to us.

Finally, we were shown a couple of live demonstrations using the Arduino such as blinking an LED, using LDR's to record temperature values and so on.

On the whole, the workshop was very useful and informative in learning the concepts of Arduino and using them to implement our projects

Coordinators: Dr Rajeshwari Hegde

Software for Space
Mr. P J Bhat, Distinguished Scientist, ISRO/ISAC (Retired)
17th March, 2018

Statics of Participants:
Students:70, Faculty:2
Program Brief

He gave a gist about the Essentialities, Technological areas involved, Attributes, Real Time systems and Models for Software in Satellites. He informed that the main purpose of satellite is essentialities like having a low launch cost, miniaturization of components, faster and cheaper production and most importantly a direct benefit to people such as fishermen, farmers and meteorologists.

He gave a brief history about when software started being used in satellites and how great advancements in technology has happened. He also spoke about some of the Mission operations led by ISRO and stated some examples on few interesting failures caused in satellites due to software mistakes, the causes that led to their crash and how they were rectified.
He also explained in brief the need for processors not only in ground stations but also on the satellite for controlling it, about the security features that are programmed to encrypt the data for safety.

He gave a crisp introduction about Mission on Mars (MOM), led by ISRO which made India the first nation to reach Mars and enter the planet's orbit in its maiden mission. He told about the significant role of software in the mission and the great difficulties faced by the scientists to achieve success.

Coordinators: **Dr Rajeshwari Hegde**

Real time Image Processing Applications in Medical Domain
Mr. Nitin Bharadwaj, Associate Consultant at Siemens Healthineers, India
17th March, 2018

Statics of Participants:
Students:58, Faculty:1
Program Brief

Nitin Bharadwaj is associate consultant at Siemens Healthineers, India. He is responsible for designing and developing optimal and effective solutions for molecular imaging applications (MM oncology), enabling the user to read and quantify scanned data related to oncology and also help in staging and treatment planning for patients. He is mainly involved with CT, PET and MRI imaging modalities. He is an alumnus of the Department of Telecommunication Engineering from BMSCE and graduated from the 2011-2015 batch.

The speaker introduced the audience the real world applications of image processing and various noise effecting real world applications and solutions to overcome them. He explained that he mainly deals with the medical imaging sector. He introduced the audience to the various situations where noise is introduced in medical imaging due to patient movement, faulty equipment, scanner head designs, etc. He also highlighted the motive of modern day scanning – to recover the same amount of information with lower doses of radiation. The speaker emphasized the importance of basics in image processing and its implications in the current industry.

Coordinators: Dr C Gururaj

Why does studying abroad matter understand the importance of the experience and how to leverage the opportunity to ensure you are meeting career goals
Mrs Shashirekha M, Planet Education
23rd March, 2018

Program Brief

Mrs Shashi has over 10 years of experience in overseas education industry with expert knowledge in the Australia, UK, USA, Ireland, Germany and Canadian education systems. Having completed her master's degree in commerce and Mrs Shashi has found strong passion in student counseling and never looked back. Sashi has attended various international conferences- UK, AUSTRALIA etc. including her recent visit to Universities Glasgow, Aberdeen Queen Mary University and Strathclyde.

She first gave us a brief about what planet education is and how they help us with Masters abroad. She shared expert tips to prepare and also told about various countries and the exposure in those countries for telecommunication students and type of Majors we can take up for Masters in different countries. They gave us Tips on finalizing the shortlist of Universities, based on our branch and career objectives, historical peek into universities most suited for engineering students for different branches, application tips as well.

She even spoke about the scholarship opportunities in various universities and how to avail them. The talk went on for 1 Hour and there were few discussions from the students who were interested. It was very helpful for the students who are planning to do their Masters.

Coordinators: Dr Rajeshwari Hegde

Role of Digital Communication in Aerospace Engineering
Mr Suresh G Rao, Director, ORNNOVA, Bangalore
6th April, 2018

Program Brief

He mentioned that out of the 1.5 million engineering graduated only 4% to 7% of them were job ready to take up core engineering sectors and that India is presently in need of around 18,000 skilled engineers for it to become self-reliant in defense.

He gave a brief introduction about Digital Communication, types of aircrafts and importance of digital communication in aerospace. The training program conducted consists of a foundation course for one month that covers topics like Aerodynamics, configurations, manufacturing, maintenance, etc and is followed by a three month advanced course on overall Aircraft Design & Development process, Structural Engineering and Equipment Engineering.

The students will get industry-specific training, will implement projects and get a chance to work with state of the art lab and infrastructure with software applications.

Coordinators: Dr Rajeshwari Hegde

Technology trends & Skills required for Telecom Engineers
Mr. Suyash Bhat, Design Engineer, Tektronix, Bangalore
7th March, 2018

Statics of Participants:
Students:45, Faculty:1
Program Brief

He spoke on various fields available to us after graduation and how he was able to cope up with the syllabus and course of study during his engineering days. He also encouraged queries on the various trends in the Electronics and the Telecommunication industry. We were also briefed upon the importance and the advantages in the Telecommunication industry.

He emphasized on 'role-hopping' rather than 'job-hopping' and he aims to have an organic farm in his native.

He emphasized on 'role-hopping' rather than 'job-hopping' and he aims to have an organic farm in his native.

Overall there was a positive level of interaction with Mr Suyaash and we all hope to get into the right path of the career as advised by him

Coordinators: Dr Rajeshwari Hegde and Dr Prasanna Kumar M K

HAM Radio and Space Communication
Mr B A Subramani Secretary & Station Director Upagrah Amateur Radio Club, VU2URC ISRO Satellite Centre
7th March, 2018

Shri. B.A. Subramani from ISRO addressed the students of 2nd and 3rd year from Telecommunication branch on the steps to become an Amateur HAM Radio operator, its numerous advantages and that it not only is one of the best hobbies any engineer can undertake but can also be a great benefit to the society.

The main advantages he highlighted of having a radio that can also transmit are that as telecommunication students they get to practically apply all that they have studied in their curriculum, and that it will make them experts in the field of Telecommunication. He said that the students can also build friendships with many other HAM Radio users across the globe from different countries and interact with them, which give them plenty of exposure, and they can also directly talk to astronauts too.

He also spoke about Space communication and the fascinating knowledge one can gain by using software and tracking the position of any satellite in space. The students can view the area of coverage of the satellite as it passes their area. He mentioned the various types of orbits the satellites use depending on the country.

Coordinators: Ambika K and Arachana K