



SHRI VILEPARLE KELAVANI MANDAL'S
DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING
Approved by AICTE and Affiliated to the University of Mumbai



ACADEMIC BULLETIN

July 2020- December 2020

**Department of Electronics &
Telecommunication Engineering**

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(Professor & Head EXTC, DJSCE)



ACADEMIC BULLETIN

Period: 1st July 2020 – 31st December 2020

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1. ABOUT DEPARTMENT

1.1 Vision

To be a world class Institution for education, training and research in engineering, inculcating values and skills for sustainable development of the society.

1.2 Mission

- To provide competent faculty and an interactive learning environment along with world class infrastructure for nurturing professionalism & entrepreneurship in Engineers.
- To foster technical competence, research aptitude and environmental awareness amongst aspiring technocrats to develop sustainable engineering solutions.
- To provide a forum for active interaction between academia & industry, leading to continuous improvement in engineering education.

1.3 Vision of the Department

To develop technically competent and socially responsible Electronics and Telecommunication engineers capable of fulfilling expectations at indigenous and global levels.

1.4 Mission of the Department

- To provide a conducive educational environment for students by providing good infrastructural facilities, knowledge base and excellent faculty support.
- To provide a strong foundation of core knowledge and exposure to research culture.
- To motivate learners to acquire adequate professional and soft skills, to develop personality traits and eventually transform them as life-long learners.
- To strive and achieve practical exposure by maintaining good rapport with industry and professional network.



1.5 Program Specific Outcomes (PSOs)

- To develop knowledge in the domain of signal analysis and processing and provide a foundation to numerous other courses that deals with signal processing applications.
- To develop basic and applied knowledge of the architecture and assembly language programming for microprocessor/microcontroller based systems, along with the peripheral interfacing.
- To provide an in-depth understanding of electromagnetics, transmission lines and antenna concepts along with microwave devices used for RF and microwave applications.
- To develop knowledge of the fundamental techniques related to generation, transmission and reception in communication systems for a wide range of wired and wireless applications along with revolutionary technology developments.

1.6 Program Educational Objectives (PEOs)

- **PEO1:** To prepare learners for graduate studies by providing strong foundation of basic sciences, computer programming and thus, develop analytical aptitude, and problem solving abilities.
- **PEO2:** To develop a fundamental understanding of electronic & integrated circuits, communication systems and allied disciplines.
- **PEO3:** To develop core competency and expertise in the diverse areas of communication covering Signal processing, Electromagnetic Engineering, Embedded Systems, Computer Communication and Advanced Wireless Networks domains.
- **PEO4:** To inculcate competencies and aptitude in extending acquired technical knowledge to solve real life issues with high professional and ethical standards.
- **PEO5:** To develop proficiency in soft skills and deliver adequate personality traits to enable the pass outs to pursue higher education, to find competitive employment opportunities and/or pursue entrepreneurial ventures.



1.7 Department Information

- Started in the year 1999 with the intake of 30 and which was increased to 60 in the subsequent year.
- The intake was increased to 120 in the Academic Year 2010 – 11.
- In the Academic Year 2011 – 12, Department has started M.E. Program in Electronics & telecommunication with an intake of 18 students.
- For the first time Department got NBA accreditation for two years from January 2013. In second Outcome based evaluation, Department got NBA accreditation for three years from July 2017.
- The Department started with Ph.D. program in Academic Year 2015 – 16 with an intake of 10 students.
- The department is having highly qualified, experienced and dedicated faculties and supporting staff.
- Well-equipped labs and fully air-conditioned classrooms with projectors.



2. ADMINISTRATION

IETE COMMITTEE

Dr. Amit Deshmukh

Prof. Anuja Odhekar

PROJECT COORDINATOR

Dr. Amit Deshmukh

Prof. Ameya Kadam

DEPARTMENTAL LIBRARY

Dr. Amit Deshmukh

Prof. Archana Chaudhari

ALUMNI COMMITTEE

Prof. Shivani Bhattacharjee

Prof. Poonam Kadam

ADMISSION COMMITTEE

Prof. V. V. Kelkar

Prof. Ameya Kadam

NBA CORE COMMITTEE

Dr. Amit Deshmukh

Prof. V. V. Kelkar (PC/NC)

Prof. Ameya Kadam

Prof. Venkata A. P. Chavali

ANTIRAGGING CELL

Prof. T. D. Biradar

Prof. V. V. Kelkar

EXAM COMMITTEE

Prof. Venkata A. P. Chavali

NSS Program Coordinator

Prof. Rahul Taware

ANTIRAGGING SQUAD

Dr. Amit Deshmukh

DJSCE NEN

Dr S. H. Karamchandani

SPORTS COMMITTEE

Prof. Ameya Kadam

TECHNICAL CHAIR PERSON

Prof. T. D. Biradar

TIME-TABLE COMMITTEE

Prof. Poonam Kadam

NPTEL and IBM COORDINATOR

Prof. V. V. Kelkar

Prof. Shivani Bhattacharjee

PLACEMENT COORDINATOR

Prof. Aarti Ambekar

WOMEN DEVELOPMENT CELL

Prof. V. V. Kelkar



3. IETE- SF

The Electronics and Telecommunication Department of Dwarkadas. J. Sanghvi College of Engineering presents Institution of Electronics and Telecommunication Engineers- Student Forum (**IETE-SF**). The student chapter with a working force committee of 22, consisting of **second year** and **third year students**, hosted a few of the most quintessential and technically challenging events. A membership drive was conducted at the start of the year with an overwhelming response. (www.djsceietesf.com)

IETE Organizing Committee Structure

IETE SF Branch Counsellor :- Prof. Anuja Odhekar

| | |
|-----------------------------------|--|
| Chairman | Lakshita Shetty |
| Vice-Chairman | Heta Shah, Tarak Sawant |
| Secretary | Aaruchi Raichur |
| Treasurer | Megh Katti |
| DJ-Strike Co-ordinator | Nidhi Gohil, Divyajot Singh, Charvi Zaveri, Sayam Upadhay |

| Head Of Departments : | |
|--------------------------------|--------------------------------|
| Publicity | Varija Sharma |
| Marketing | Yukta Kanani |
| Technical | Rushabha Nagda |
| Infotech | Kartik Gigalani, Dhrumil Joshi |
| Creatives | Somaya Wagle |
| Events | Abhishek Sutaria, Agam Saraf |
| Logistics and Inventory | Ritvik Khandelwal |
| Book Bank | Riyanshi Shah |
| Component Bank | Riyanshi Shah |



3.1 Value Added Program

Book Bank

Book Bank is an initiative made by IETE that makes **reference books** available to students at **10% of the original cost**. It improved the core competency and to strengthen the teaching ability. The faculty members refer these books and hence it makes the studying process efficient and helps to increase the student's technological knowledge about the subject. It also helps to build a foundation of the concepts that could enhance the practical skills required in the future. It gets updated every year and has several books to offer currently.

Component Bank

DJSCE IETE-SF proudly introduces the **Component Bank Facility**, through which students can benefit by borrowing components they require at a lower price and return them once their job is done. The worry of buying expensive components and then thinking about what to do with them once the project is finished, is eliminated.



4. DEPARTMENT ACTIVITIES UNDER IETE-SF

4.1 DJ Cognitive ML Workshop

Conducted by: Kashish Shah, Moksha Shah, Agam Saraf

Association: Students of EXTC department at DJ Sanghvi College of Engineering

Date/s of the event: 30th of October and 1st November 2020

Participants: SE,TE, BE students.

Objectives of the activity:

- To understand the theory behind Machine Learning and Deep Learning
- For the attendees to practical insight into the field of ML by constructing a chatbot and a score predictor

DJSCE'S IETE DJ Cognitive Workshop 2020 was held on the 30th of October from 11 am to 3pm. Excited attendees joined in on the virtual event as the first speaker of the day, Kashish Shah was introduced to us by the host. Kashish, a TE student of EXTC in DJ Sanghvi adeptly introduced the event and the team's goal of building a strong machine learning group of individuals within the college.

The mic was then passed onto Moksha Shah who officially began this engaging workshop by enlightening the students about the theory behind machine learning for the first day. The difference between weak and strong artificial intelligence was first explained so that the attendees could grasp the concept of what they were embarking upon. She then moved onto the beginning of Artificial Intelligence and the strong history behind this futuristic technology. Correlations between the three main topics of the workshop were then discussed, namely AI, ML and DL.

Attendees were then taken on an in depth analysis of Machine Learning and how it functions. Data preprocessing and Data complexities were further discussed wherein we learned about encoding categorical data and the theory behind it. We then moved onto gradient descent and the types of learning present in the vast field of Artificial Intelligence and Machine Learning such as supervised learning, regression, classification, etc.

After a quick break and with the above theory in mind the attendees then moved onto constructing the IPL score predictor using python. The attendees along with Agam worked tirelessly till 3pm fixing bugs and constructing the predictor and gained great practical knowledge through this.

On Sunday, the 1st of November, the event began at 11am, with extraordinary zeal amidst the attendees. After a warm welcome and brief introduction by the host, Moksha Shah took control of the wheel. She navigated the attendees into deeper and conceptual aspects of deep learning, which proved to be a solid foundation for the NLP chatbot project. She went on to explain to the eager attendees the crux of the concepts of Neural Networks and Natural Language Processing. Sub



topics like the backward propagation, hidden layers, weights and biases, epochs, hyper parameters, lemmatization, stemming, tokenization etc were also explored adequately.

After a solid theoretical foundation was built, Kashish Shah then aided the attendees with setting up their Google Collaboratory Notebooks. Soon after a green flag from all the attendees, the event progressed ahead as Kashish helped the attendees prep up the dataset. Alongside as the code paved the way to a successful chat bot project, our speakers explained to us what each command of the code contributes to.

After a quick refreshing break, the ML enthusiasts unflaggingly worked with Kashish fabricating their own chatbot. After lines and lines of coding, the enthusiasts were excited as they neared the end of fabricating their own models.

Post making the chat bot model, the penultimate step was to deploy it. Moksha skillfully taught the learners the basics of flasks. The attendees later integrated a basic html website and keenly experimented with their accomplished chat bot. This amazing and insightful session marked its end as the grateful attendees and speakers bid farewell.

Outcomes:

- Students and attendees developed a better understanding of conceptual topics in the Machine Learning domain.
- Students are well versed with the different stages and obstacles that one has to encounter while fabricating and implementing a project.
- Students can implement this knowledge in their future endeavors and become better employable, more rounded individuals.





4.2 Business Intelligence Dashboarding Using Tableau

Expert: Mr. Sagar Moharir

Association of the expert: Senior Data Engineer at Quantiphi

Date/s of the event: 20th September, 2020

Participants: SE,TE, BE students.

Objectives of the activity:

- Familiarising participants with Tableau interface and enabling them to apply learnt concepts to real-world datasets.
- Linking Tableau to a variety of datasets.
- Visualizing data in form of various Charts, Plots, and Maps, etc.
- Running a Case Study to resolve real-world data preparation and to envision findings on the platform.
- Nurturing a highly rewarding new career opportunity.

Contents:

When one talks about Tableau, one thinks of a simple and minimalistic representation of complex data. Tableau is one of the popular data visualization tools. Data visualization has started exponentially gaining prevalence in the modern-day industry. Keeping this in mind, the IETE-SF conducted its third virtual event: "Business Intelligence Dashboarding using Tableau", this time inculcating an interactive and hands-on experience. The event took place on the 20th of September 2020, from 12 noon to 3 pm. The event started with eagerness among the attendees, looking forward to creating their very first dashboard, under the guidance of the expert. Our committee member Muskan Jain warmly welcomed the expert. As the event began with great enthusiasm, Mr. Sagar Moharir started with a brief introduction of himself.

Mr Moharir first enlightened the students about Business Dashboarding and how in layman terms it translates to representing massive amounts of data using interpretable and appropriate graphical charts. Further, he briefed the attendees on the fact that BI Dashboarding makes it easier to comprehend more information in just a single glance. This helps the higher executives of an organization in deciding in less time and helps to identify areas of improvement, thus highlighting the application's significance. Going out of his way, the expert also helped students to understand the basic architecture of Data Warehouse, to help get a better insight into the functionalities of Tableau. He emphasized on the fact that data present on different heterogeneous databases, then undergoes through the ETL process and into the Warehouse, after which, tableau helps to display the data in a modest and presentable way. Mr. Moharir then went on to some practical use cases of Business Intelligence tools in various domains such as Insurance and Product distribution optimization. The attendees listened attentively as he went on to explain the sales analytics and



claims analytics in insurance, a vital part of data analytics no matter what sector one is employed in.

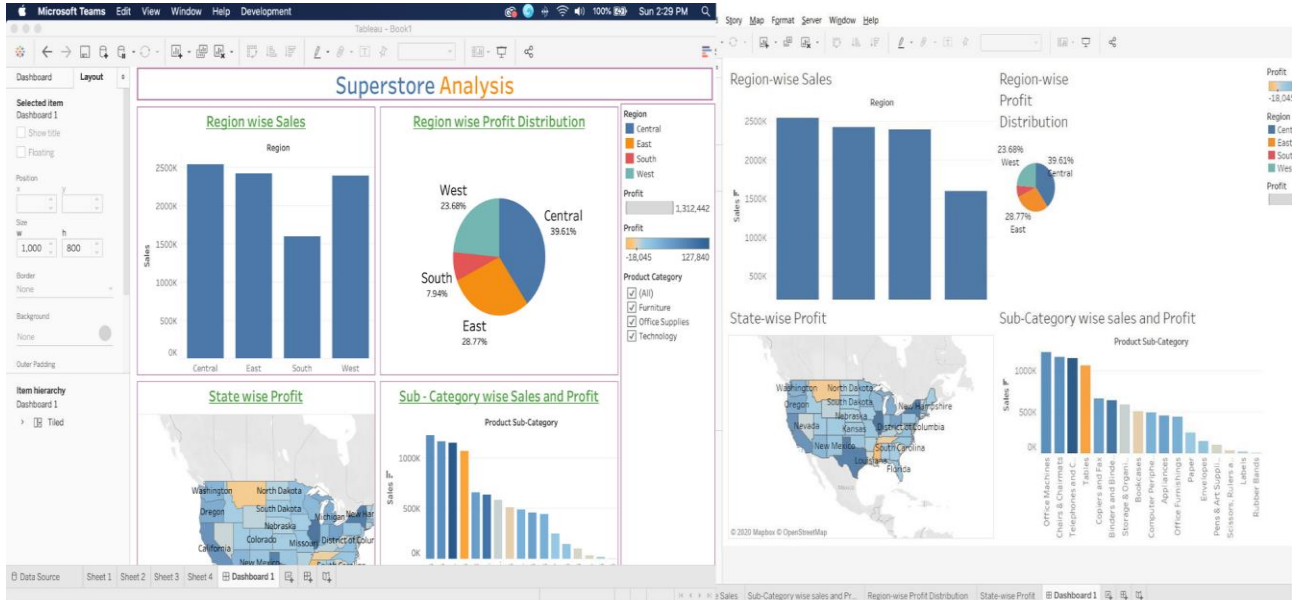
Once done with Business Intelligence, the expert curiously questioned the students as to why Tableau is used as the software for BI dashboarding. He then adeptly answered this question by reasoning that Tableau has the best User Interface, ideal even for beginners. Along with this Tableau's vast data source compatibility and support for large amounts of data makes it a great tool to use for our use in the domain of Business Intelligence.

With the audience now enthralled into the world of Tableau, our expert then went on to perform a Hands On Activity, encouraging the attendees to construct their own dashboard on Tableau. He provided a functional dataset and went on to explain step by step the various processes required to construct a basic dashboard for the purpose of business intelligence. Some of the major topics covered during this practical activity were; important chart types, calculated fields creation and dashboard creation. Thus arming the attendees with all they need to obtain an in-depth understanding of Business Intelligence dashboarding in just a short span of time.

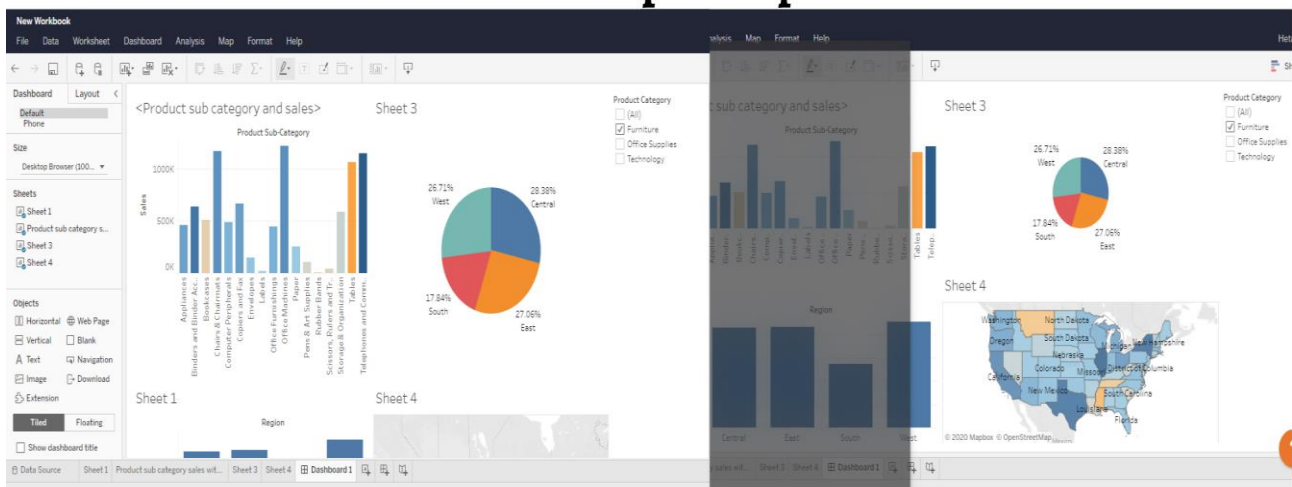
Finally, the event coming to an end; the expert, Mr. Moharir was thanked by the various faculty members present for this insightful lecture and then by the present IETE-SF committee host and members. The attendees also expressed their regard for this piece of learning and thus the enlightening session came to an end.

Outcomes:

- Students and attendees became more aware of the various uses to tableau and learnt how to design dashboards in a simple and understandable way
- Students are well versed with potential uses of BI tools and how they're similar when it comes to their fundamentals.
- Students can implement this knowledge in their future endeavors and become better employable, more rounded individuals
- Attendees also became aware of complex data manipulation and how it needs to be handled at a professional level



Dashboard of participants





4.3 Roadmap to 5G talk

Expert: Dr. Sanjay S. Pawar

Association of the expert: Principal of Usha Mittal Institute of Technology, SNDT Women's University.

Date/s of the event: 31st July, 2020

Participants: Faculty members, SE, TE, BE students.

Objectives of the activity:

- To understand the theory behind 5G and the various techniques used in digital communication.
- For our expert Dr. Pawar to share his expertise and interact with the students.
- For the attendees to gain better insight into the pillars of 5G, the companies associated and the challenges associated with the advent of new technology.

Contents:

The 5G world will be a collaborative ecosystem, and the role of what each of us will do in the world remains to be thought through. - Borje Eckholm. With the above quote in mind, IETE-SF started their second virtual event: The Roadmap to 5G which took place on the 31st of July 2020, from 3 pm to 5 pm. With an exceptional expert discussion to be looked forward to, the session began with the warm welcome of our expert Dr. Sanjay S. Pawar by our Principal Dr. Hari Vasudevan. Dr. Vasudevan further shared with us the significance of 5G networks which is to enable IoT applications and data-heavy applications and thanked Dr. Sanjay Pawar for being able to connect with our college and share his wisdom with us. Prof. Dr. Amit A. Deshmukh then took the stage to second Dr. Vasudevan's views and thus consequently the audience was introduced to our speaker Dr. Sanjay S. Pawar with a hearty introduction by committee members Riyanshi Shah and Abhishek Sutaria.

Thus, commenced the insightful session by Dr. Pawar, the Principal of Usha Mittal Institute of Technology, SNDT Women's University. Dr. Pawar who holds a Masters and a Ph.D. from IIT Bombay started off by introducing the subject of 5G to the students, a subject that he has been pursuing for the last three to five years. He explained how 5G has never been only restricted to the branch of Electronics and Telecommunication but instead has been extended into the business industry. Dr. Pawar then continued by teaching the students about the evolution of the wireless network. He explained that 1G, introduced in 1981 with a bandwidth of 30kHz and analog technology developed into the 2013 4G high-speed network we witness today. From 2G and his voice and SMS feature in 1990 to 3G in 2001 and CDMA, UMTS, and EDGE technology, the growth of the network sector has undoubtedly been phenomenal.



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He then continued by naming some disadvantages that 4G has such as it's the inability to carry out remote surgery, VR/AR, and the lack of function required for self-driving cars, all things 5G can easily execute. Dr. Pawar mentioned the issue present in broadband and 4G some of them being high latency, lack of mobility, and their incompetence in handling the global markets that are growing at an unprecedented rate. Due to this said ineptitude present in the present network domain, some future challenges network operators can face are high-resolution video streaming, tactical internet, end to end latency, and the reliability vital for the network, Dr. Pawar mentioned.

With the historical significance and present need in tow, Dr. Pawar then came to the crux of the matter and introduced the captivated students to 5G. He started by naming some commendable features the human race can expect from this futuristic technology, such as quick traffic responses, ultra-reliable communication, a commendable high data rate, and extremely reliable battery life. With this enthralling introduction to the world of 5G, Dr. Pawar then explained the crucial pillars present in the future advent of 5G. He mentioned RAT – radio access technology, Small cell which is used to enhance area spectral efficiency, MTC- Machine type communication, SON- self-organizing network, mmWave a band which is currently used for RADAR and earth exploration, EE- Energy efficiency, SDN, and NFV and D2D: Device to Device communication. Dr. Pawar explained all these said pillars in detail, simple language which led the students to deeply understand the integrities present in the world of 5G.

Dr. Pawar then related this present technology to the present, teaching the students about the companies such as Huawei, Intel, Dell, Samsung, etc. that are presently affiliated to 5G and how their devices will play a role in the advent of this modern advancement. He then continued, stating some applications of 5G in all sectors all across the globe. From healthcare and medicine to drones and IoT sensors, students gained an in-depth view into the various applications this piece of tech will have. Following this informative content about the importance and advantages of 5G, Dr. Pawar then moved on to discuss the challenges associated with 5G. He stressed upon the security issue that 5G will bring about listing down Malware, Phishing, Password attacks DDoS, Man in the middle, Drive-by download, and Malvertising as some front runners to this problem. He then explained the reason behind this soon to be a prevalent issue, explaining that connecting devices in these huge amounts will bring about privacy issues and heterogeneous access. Dr. Pawar, the finally names some major concerns he has regarding 5G such as Flash Network traffic, Security of radio interface, and User plane integrity while still seeming confident in the potential 5G has expressing hope for this futuristic technology which now does not seem so far away.

Concluding the session, Dr. Pawar then interacted with the students present virtually and entertained some questions they had regarding 5G technology with 5G industries and latency being commendable topics of discussion.

Thus, ending this webinar, Yukta Kanani of IETE-SF then thanked all attendees, faculty members, Principal Sir, and our esteemed speaker for being present and sharing this insightful information. The session was then closed with a statement from both Prof. and Head of Department, Dr. Amit Deshmukh, and Prof. Anuja Odhekar.

Outcomes:

- Students and attendees became more aware of the various benefits of 5G and the various ways we can go about implementing it in the future
- Students are well versed with potential challenges and applications of modern technology
- Students can implement this knowledge in their future endeavours and become better employable, more rounded individuals

5G Key Parameters /Requirements

- Peak Data Rate:- 20 Gbps DL, 10 gbps UL
- Peak Spectral Efficiency:- 30bps/hz DL, 15 bps/hz UL
- User Experience Data Rate:- 100 Mbps DL, 50 Mbps UL
- Area traffic Capacity:- 10 Mbps/m²
- User Plane Latency:- 4ms for eMBB and 1ms for URLLC

5G Road Map

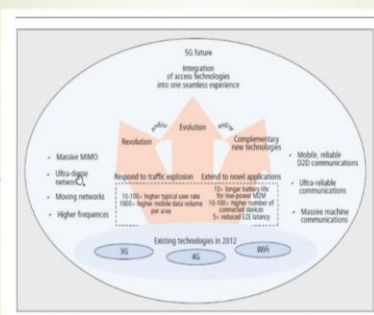


Figure 1. The 5G roadmap: revolution, evolution, and complementary new technologies.

IEEE Access 2015



Dr. Sanjay S. Pawar



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(Autonomous College Permanently Affiliated to the University of Mumbai)
 NAAC Accredited with 'A' Grade (CGPA: 3.18)

IETE-SF OF DEPARTMENT OF EXTC, DJSC
 PRESENTS WEBINAR ON
ROAD MAP TO 5G
 DATE : 31ST JULY 2020
 TIME : 2 - 4 PM
 SPEAKER: Dr. Sanjay S. Pawar
 (Principal,UMIT,SNIT)



4.4 Alumni Meet

Date of the event: 26th July, 2020

Participants: SE, TE and BE students

Objectives of the activity:

- For the attendees to gain better insight into the careers of the panelists and further learn how their careers have shaped out after graduating
- To become aware of the various skill sets required in the professional realm to pursue different fields like MBA, MS, startups, and jobs
- For the panelists present to advise the attendees on doubts about their future professions and counsel them about the same

Contents:

Experience is the teacher of all things, from learning how to navigate college and applications to the necessary skills one requires to become a viable job candidate, the experience is what teaches us these things best of all. Applying these values, IETE-SF conducted an Alumni Meet for Discussion on Placements and Post-Graduation on the 26th of July, 2020 from 4 pm to 7 pm. This meet was hosted virtually, but nevertheless smoothly by committee members Heta Shah and Aarushi Raichur. The event started off with Head of Department, Dr. Amit Deshmukh and Professor Anuja Odhekar giving the IETE committee and the panelists present, their blessings and accolades towards the alumni present.

Starting with our extinguished line-up of panelists we had Mr. Keval Kamdar. Mr. Kamdar was a ranker and a part of IETE-SF during his college days here at DJSCE after which he went on to complete an MS from Georgia Institute of Technology. He was a graduate teaching assistant during his postgraduate days and now works as a circuit design engineer at Intel. Mr. Kamdar talked about his experience doing an MS and stressed upon how important it was for students to prioritise learning over partaking in random courses and internships. He also went on to give valuable advice about how students should focus on their basics and gaining an overall experience throughout college. Next in the assemble we had Ms. Roma Jain. Ms. Jain graduated from DJSCE in 2017 and has since then has focused herself on machine learning. She's presently a machine learning coach and is a senior ML engineer at iSchool connect. Ms. Jain talked about the importance of participation, authenticity when it comes to resume building, and how she prefers working in startups over big companies. All her advice was a great help towards all the attendees aspiring to work in startups and other niche jobs professionally.

After Ms. Jain students then had the opportunity to interact with Mr. Anniruddh Shah from the batch of 2014. After graduating he went on to do an MBA and presented the students with ordered advice about the same. Mr. Shah has previously been a vice-chairperson of IETE-SF and presently works as a business consultant at ZS Associates. He advised students to introspect towards what drives them to do an MBA in the first place and then decide whether they'd like to take a break after college to pursue it, he further elucidated about the advantages of an MBA abroad versus one in India which proved to be extremely informative to future aspirants.

For our next astute speaker, the students had the opportunity of talking to Ms. Pooja Jha from the recent batch of 2019. During her college years, Ms. Jha participated in various college committees including IETE wherein she emphasised on how it taught her the problem-solving skills her job



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requires today. She also stressed on the importance of doing quality internships and how we can learn different skills at home as well, such as visualisation tools. The students listened raptly to this recent graduate and the relatable wisdom she had to offer.

Following these esteemed individuals, IETE-SF then hosted Mr. Sumit Ranka. Mr. Ranka has achieved a lot after graduating from our college in 2012, Mr. Ranka went on to become a Forbes 30 under 30 in Asia awardee and founded ThinkPot and the popular co-working spaces Innovate in Mumbai. Mr. Ranka shared his wisdom on how he transitioned from a tech graduate towards a non-tech founder, he further shared his views on how vital his committee membership roles played an important part in doing the same. He expressed how extra-curricular activities can give you an indispensable experience and further elaborated on the importance of possessing managerial skills. Next up in the line up we had Mr. Megh Doshi, another recent graduate from 2019. He is currently pursuing his MS from the University of Wisconsin-Milwaukee after scoring extremely impressive marks in his GRE and TOEFL exams. Owing to these accomplishments, Mr. Doshi informed the attendees on the different ways one must go about preparing impactful resumes, about the right time to apply, and the importance of internships. He further elucidated on how he advises students to gain a few years of experience in a relevant field before pursuing an MS.

Following these MS oriented talks, we went on to hear about what it's like to be co-founder from the recent 2020 graduates Mr. Dishant Shah and Mr. Vedant Awasthi. Dishant has co-founded a thermal imaging Open source startup along with other ventures. He talked about how proactive he was during his college committees focusing his first few years on the technical knowledge and the ways to gain them and then switching to marketing in his final year. He explained further about what his startups aim to achieve and the main principles behind them, enlightening the students. We then had Dishant's co founder and fellow alumni come forward and share his experiences. Like Dishant, Vedant too had been an avid participant during his college years and how much personal growth and experience that provided. Vedant focused on telling the students about how important it is to have a Plan B in place and how crucial management skills are. These co-founder duos enlightened future startup aspirants on the various skills they require and how to overcome the tumultuous problems most startups face.

Lastly, IETE-SF hosted Mr. Suyash Ail, ending the discussion on the vital points required to pursue a master's course. From the batch of 2019, Mr. Ail empathetically explained how important having an interest in the field is and how versatile EXTC as a branch can be. He inspired the listening students to further pursue their calling like he is at the esteemed Purdue University. Thus, this Alumni Meet for discussion on Placements and Post-Graduation was a huge success with a great virtual turn up from the student's side as well. The students were advised, educated, and further inspired on everything from MBA, MS, Tech, and Non-Tech fields to becoming startup entrepreneurs as well. The session was then closed with a statement from both Prof. and Head of Department , Dr. Amit Deshmukh and Prof. Anuja Odhekar.

Outcomes:

- Students and attendees became more aware of the various professions present and how one can go about pursuing them
- Attendees learnt about the different skills they can acquire during their college tenure to become a better more viable professional candidate
- Students are now equipped to emulate a career they find intriguing



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Panelists: Mr. Keval Kamdar, Ms. Roma Jain, Mr. Anniruddh Shah, Ms. Pooja Jha, Mr. Sumit Ranka, Mr. Megh Doshi, Mr. Dishant Shah, Mr. Vedant Awasthi and Mr. Suyash Ail



5. ACHIEVEMENTS

5.1 Faculty Publications- Conferences / Journals

Conference Publication

| Author /Co-Author Name | Paper Title | Date | Organisation/Institute |
|---|---|--------------------------|---|
| A. G. Ambekar, Amit A. Deshmukh | Modified Square Microstrip Antenna for Dual Polarized Wideband Response | 16-12-2020 to 18-12-2020 | 3 rd IEEE Pune Section International Conference IEEE PUNECON 2020 |
| Venkata A P Chavali, Amit A. Deshmukh | Analysis of Star shape Microstrip Antenna with multiple shorting posts for wideband response | 16-12-2020 to 18-12-2020 | 3 rd IEEE Pune Section International Conference IEEE PUNECON 2020 |
| Anuja Odhekar, Amit A. Deshmukh | CPW Fed Broadband Circularly Polarized Corner Truncated Slot Antenna | 15-01-2021 to 16-01-2021 | 4th Biennial International Conference on Nascent Technologies in Engineering Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai, India |
| Anuja Odhekar, Amit A. Deshmukh | Modified Psi-shape Microstrip Antenna For Circularly Polarized Response | 16-12-2020 to 18-12-2020 | 3 rd IEEE Pune Section International Conference IEEE PUNECON 2020 |
| Ganesh Shukla , Sunil Karamchandani | Holistic Siamese Model Optimized for Aged Face-Sketch Similarity Detection | 02-10-2020 to 04-10-2020 | 2020 IEEE International Conference on Computing, Power and Communication Technologies (GUCON) Greater Noida, India |
| Parth Mehta, Atulya Kumar, Shivani Bhattacharjee | Fire and Gun Violence based Anomaly Detection System Using Deep Neural Networks | 02-07-2020 to 04-07-2020 | International Conference on Electronics and Sustainable Communication Systems (ICESC 2020) |
| Crispin Lobo, Ajinkeya Chitre, Pradeepti Gupta, Sarfaraj, Archana Chaudhari | Infant Care Assistant using Machine Learning, Audio Processing, Image Processing and IoT Sensor Network | 2-4 July 2020 | International Conference on Electronics and Sustainable Communication Systems (ICESC 2020) DOI: 10.1109/ICESC48915.2020.9155597 |



Journal publication

| Author /Co-Author Name | Paper Title | Date | Organisation/Institute |
|---|--|-----------------------------|--|
| A. G. Ambekar, Amit A. Deshmukh | Modified Square Microstrip Antenna for Dual Polarized Wideband Response | 16-12-2020 to 18-12-2020 | 3 rd IEEE Pune Section International Conference IEEE PUNECON 2020 |
| Venkata A P Chavali, Amit A. Deshmukh | Analysis of Star shape Microstrip Antenna with multiple shorting posts for wideband response | 16-12-2020 to 18-12-2020 | 3 rd IEEE Pune Section International Conference IEEE PUNECON 2020 |
| Anuja Odhekar, Amit A. Deshmukh | CPW Fed Broadband Circularly Polarized Corner Truncated Slot Antenna | 15-01-2021 to 16-01-2021 | 4th Biennial International Conference on Nascent Technologies in Engineering Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai, India |
| Anuja Odhekar, Amit A. Deshmukh | Modified Psi-shape Microstrip Antenna For Circularly Polarized Response | 16-12-2020 to 18-12-2020 | 3 rd IEEE Pune Section International Conference IEEE PUNECON 2020 |
| Ganesh Shukla , Sunil Karamchandani | Holistic Siamese Model Optimized for Aged Face-Sketch Similarity Detection | 02-10-2020 to 04-10-2020 | 2020 IEEE International Conference on Computing, Power and Communication Technologies (GUCON) Greater Noida, India |
| Parth Mehta, Atulya Kumar, Shivani Bhattacharjee | Fire and Gun Violence based Anomaly Detection System Using Deep Neural Networks | 02-07-2020 to 04-07-2020 | International Conference on Electronics and Sustainable Communication Systems (ICESC 2020) |



5.2. Interaction of faculty with outside world

FDP's attended by Faculty Members:

| Sr. No | Name of Faculty | Title of course | Organised by | Dates |
|--------|-----------------------|---|---------------------------------------|------------------------|
| 1 | Venkata A P C | Intellectual Property rights | TCS | 24/8/2020 |
| 2 | Venkata A P C | Connected Vehicles | TCS | 25/8/2020 |
| 3 | Venkata A P C | Recent Advances in Biomedical Applications and Communication Networks | GMRT online | 13/7/2020 to 18/7/2020 |
| 4 | Venkata A P C | Satellite Photogrametry and Applications | Indian Institute of Remote sensing | 6/6/2020 to 3/7/2020 |
| 5 | Venkata A P C | Neural Networks and Deep learning | Coursera | 19/7/2020 |
| 6 | Venkata A P C | Presentation Skills- effective Presentation Deliver | Coursera | 24/7/2020 |
| 7 | Venkata A P C | Programming for every body | Coursera | 17/8/2020 |
| 8 | Venkata A P C | Learning to teach online | Coursera | 5/7/2020 |
| 9 | Shivani Bhattarchajee | ETL in the age of Artificial Intelligence | DJSCE online | 26/9/2020 |
| 10 | Shivani Bhattarchajee | Connected Vehicles | TCS | 25/9/2020 |
| 11 | Shivani Bhattarchajee | artificial Intelligence and Machine Learning Using Python | Jaypee Institute of Technology, Noida | 10/8/2020 to 15/8/2020 |
| 12 | Shivani Bhattarchajee | Improving Teaching Learning Experience using Best Practices | DJSCE online | 15/6/2020 to 19/6/2020 |
| 13 | Shivani Bhattarchajee | Intellectual Property Right | TCS | 24/8/2020 |
| 14 | Shivani Bhattarchajee | Cloud Computing Basics | Courseera | 12/7/2020 |
| 15 | Shivani Bhattarchajee | AI for everyone | Courseera | 11/7/2020 |
| 16 | Mrunalini Pimpale | Learning to teach online | Courseera | 19/07/2020 |
| 17 | Mrunalini Pimpale | Intellectual Property Right | TCS | 24/8/2020 |
| 18 | Ranjushhree Pal | 1.Successful Presentation | Coursera | |
| 19 | Ranjushhree Pal | 2.Python Function Files and Dictionaries | Coursera | 10/07/2020 |
| 20 | Ranjushhree Pal | 3.Natural Language Processing with Classification and Vector Spaces | Coursera | 23/07/2020 |



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| | | | | |
|----|------------------|--|------------------------------------|----------------------|
| 21 | Ranjushhree Pal | 4.Mathematics for Machine Learning: Linear Algebra | Coursera | 29/07/2020 |
| 22 | Ranjushhree Pal | 5.Introduction to TensorFlow for AI, ML and Deep Learning | Coursera | 10/08/2020 |
| 23 | Ranjushhree Pal | 6.Natural Language Processing with Probabilistic models | Coursera | 17/08/2020 |
| 24 | Ranjushhree Pal | 7.Crash Course in Python from Google | Coursera | 21/08/2020 |
| 25 | Ranjushhree Pal | 8.Pandas Python library for beginners in Data Science(Project) | Coursera | 22/08/2020 |
| 26 | Ranjushhree Pal | 9.Introduction to Data Science In Python | Coursera | 06/09/2020 |
| 27 | Ranjushhree Pal | 10.Python Classes and Inheritance | Coursera | 13/07/2020 |
| 28 | Ranjushhree Pal | 11.Using Databases with Python | Coursera | 08/07/2020 |
| 29 | Ranjushhree Pal | 12.Graphic Design | Coursera | 04/07/2020 |
| 30 | Ranjushhree Pal | 13.Applied Machine Learning In Python | Coursera | 18/09/2020 |
| 31 | Ranjushhree Pal | Intellectual Property Right | DJSCE TCS online | 24/8/2020 |
| 32 | Anuja A Odhekar | Intellectual Property rights | DJSCE online | 24/8/2020 |
| 33 | Aarti G. Ambekar | Neural Networks and Deep learning | Coursera | 21/7/2020 |
| 34 | Aarti G. Ambekar | Presentation Skills- effective Presentation Deliver | Coursera | 18/7/2020 |
| 35 | Aarti G. Ambekar | Programming for every body | Coursera | 17/8/2020 |
| 36 | Aarti G. Ambekar | Learning to teach online | Coursera | 9/7/2020 |
| 37 | Aarti G. Ambekar | Intellectual Property rights | TCS | 24/8/2020 |
| 38 | Aarti G. Ambekar | Connected Vehicles | TCS | 25/8/2020 |
| 39 | Aarti G. Ambekar | Satellite Photogrametry and Applications | Indian Institute of Remote sensing | 6/6/2020 to 3/7/2020 |
| 40 | Vishakha kelkar | Intellectual Property Right | TCS | 24/8/2020 |
| 41 | Vishakha kelkar | Learning to teach online | Coursera | 1/8/2020 |
| 42 | Vishakha kelkar | Practical teaching with technology | Coursera | 17/7/2020 |
| 43 | Vishakha kelkar | Connected vehicles | TCS | 25/08/2020 |
| 44 | Vishakha kelkar | Roadmap to 5G Technology | Webinar DJSCE | 31/07/2020 |
| 45 | Poonam Kadam | Intellectual Property rights | TCS | 24/8/2020 |



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| | | | | |
|----|-----------------|--|---|-----------------------------|
| 46 | Poonam Kadam | Connected Vehicles | TCS | 25/8/2020 |
| 47 | Poonam Kadam | 5 G Technology | Webinar | 31/07/2020 |
| 48 | Poonam Kadam | Presentation skills: Speechwriting and Storytelling | Coursera | 08/10/2020 |
| 49 | Sanjay Deshmukh | Connected Vehicles | TCS | 25/8/2020 |
| 50 | Sanjay Deshmukh | ETL in the age of Artificial Intelligence | TCS | 26/09/2020 |
| 51 | Sanjay Deshmukh | Intellectual Property rights | TCS | 24/08/2020 |
| 52 | Ameya Kadam | Python Data Representations, | Coursera | 22/07/2020 |
| 53 | Ameya Kadam | Statistics with SAS, | Coursera | 27/08/2020 |
| 54 | Ameya Kadam | Fundamentals of Project Planning and Management | Coursera | 18/09/2020 |
| 55 | Ameya Kadam | Mathematics for Machine Learning: Multivariate Calculus, | Coursera | 17/07/2020 |
| 56 | Ameya Kadam | Doing More with SAS Programming, | Coursera | 08/08/2020 |
| 57 | Ameya Kadam | Linear Regression for Business Statistics, | Coursera | 08/09/2020 |
| 58 | Ameya Kadam | Getting Started with SAS Programming, | Coursera | 05/08/2020 |
| 59 | Ameya Kadam | Understanding and Visualizing Data with Python, | Coursera | 21/07/2020 |
| 60 | Ameya Kadam | Business Applications of Hypothesis Testing and Confidence Interval Estimation | Coursera | 22/07/2020 |
| 61 | Ameya Kadam | Python Data Structures | Coursera | 20/07/2020 |
| 62 | Ameya Kadam | Python Programming Essentials, | Coursera | 14/07/2020 |
| 63 | Ameya Kadam | Programming for Everybody (Getting Started with Python), | Coursera | 09/07/2020 |
| 64 | Ameya Kadam | Six Sigma Principles | Coursera | 02/10/2020 |
| 65 | Ameya Kadam | Six Sigma Tools for Define and Measure | Coursera | 02/10/2020 |
| 66 | Ameya Kadam | Six Sigma Tools for Analyze | Coursera | 03/10/2020 |
| 67 | Ameya Kadam | Business Metrics for Data-Driven Companies | Coursera | 22/09/2020 |
| 68 | Ameya Kadam | Dielectric Resonator and Its Applications, DRA-2020 | National Institute of Technology Silchar, India | 20/11/2020 to 24/11/2020 |



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| | | | | |
|----|------------------|---|---|------------------------|
| 69 | Ameya Kadam | Online workshop on IEEE Explore Digital Library for academics and Research | IEEE India and Atharva College of Engineering | 13/07/2020 |
| 70 | Ameya Kadam | Intellectual Property Right | DJSCE TCS online | 24/8/2020 |
| 71 | Yukti Bandi | AI for everyone | Coursera | 24/7/2020 |
| 72 | Yukti Bandi | Assessment in Higher Education: Professional Development for Teachers | Coursera | 08/8/2020 |
| 73 | Yukti Bandi | Capstone: Retrieving, Processing, and Visualizing Data with Python | Coursera | 18/7/2020 |
| 74 | Yukti Bandi | Image Processing with Python | Coursera | 26/7/2020 |
| 75 | Yukti Bandi | Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning | Coursera | 22/8/2020 |
| 76 | Yukti Bandi | Learning to Teach Online | Coursera | 11/8/2020 |
| 77 | Yukti Bandi | Spreadsheets for Beginners using Google Sheets | Coursera | 24/7/2020 |
| 78 | Yukti Bandi | Support Vector Machines with scikit-learn | Coursera | 26/7/2020 |
| 79 | Yukti Bandi | Using Databases with Python | Coursera | 24/7/2020 |
| 80 | Yukti Bandi | Using Python to Access Web Data | Coursera | 10/7/2020 |
| 81 | Yukti Bandi | Academic Transformation with Secrets of Empowerment | RGIT, Mumbai | 23/7/2020 to 25/7/2020 |
| 82 | Yukti Bandi | Intellectual Property rights | TCS | 24/8/2020 |
| 83 | Yukti Bandi | Connected Vehicles | TCS | 25/8/2020 |
| 84 | Tushar Sawant | Learning to teach online | Coursera | 1/8/2020 |
| 85 | Tushar Sawant | Intellectual Property rights | TCS | 24/8/2020 |
| 86 | Tushar Sawant | Connected Vehicles | TCS | 25/08/2020 |
| 87 | Tushar Sawant | Roadmap to 5G technology | Webinar DJSCE | 31/07/2020 |
| 88 | Tanaji D Biradar | Intellectual Property rights | TCS | 24/8/2020 |
| 89 | Tanaji D Biradar | Connected Vehicles | TCS | 25/8/2020 |
| 90 | Tanaji D Biradar | Assessment in Higher Education: Professional Development for Teachers | Coursera | 16/08/2020 |
| 91 | Tanaji D Biradar | AWS Fundamentals: Going Cloud-Native | Coursera | 23/08/2020 |
| 92 | Tanaji D Biradar | ETL in the age of Artificial Intelligence | TCS | 26/9/2020 |



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| | | | | |
|-----|---------------------|--|--------------------------------|--------------------------|
| 93 | Tanaji D Biradar | Introduction to Electronics | Coursera | 29/08/2020 |
| 94 | Tanaji D Biradar | Internet of Things: How did we get here? | Coursera | 24/08/2020 |
| 95 | Tanaji D Biradar | Learning to Teach Online | Coursera | 11/08/2020 |
| 96 | Tanaji D Biradar | Cloud Computing Basics (Cloud 101) | Coursera | 5/10/2020 |
| 97 | Tanaji D Biradar | Wireless Communications for Everybody | Coursera | 23/08/2020 |
| 98 | Tanaji D Biradar | Introduction to the Internet of Things and Embedded Systems | Coursera | 22/08/2020 |
| 99 | Sunil Karamchandani | Academic Innovations in Industry 4.0 | STTP AICTE approved, VNIT Pune | 14/12/2020 to 19/12/2020 |
| 100 | Sunil Karamchandani | Learning to Teach Online | course era | 14/7/2020 |
| 101 | Sunil Karamchandani | Getting Started with SAS Programming, | Coursera | 05/08/2020 |
| 102 | Sunil Karamchandani | GPU COMPUTING | STTP-AICTE approved, VNIT Pune | 26/10/2020 - 30/10/2020 |
| 103 | Sunil Karamchandani | Teach the Trainer (T3) Workshop | IBM | 3/7/2020 to 7/7/2020 |
| 104 | Sunil Karamchandani | Teach the Trainer (T3) Workshop | Applied Statistic Analysis | 28/6/2020 to 2/7/2020 |
| 105 | Sunil Karamchandani | Intellectual Property rights | TCS | 24/8/2020 |
| 106 | V.Venkataramanan | Assessment in Higher Education: Professional Development for Teachers. | Coursera | 12/8/2020 |
| 107 | V.Venkataramanan | Learning to Teach Online | coursera | 13/9/2020 |
| 108 | V.Venkataramanan | Business Writing. | Coursera | 31/8/2020 |
| 109 | V.Venkataramanan | Roadmap to 5G Technology | webinar DJSCE | 31/7/2020 |
| 110 | Rahul S Taware | Learning to teach online | Coursera | 1/8/2020 |
| 111 | Rahul S Taware | Intellectual Property rights | TCS | 24/8/2020 |
| 112 | Rahul S Taware | Connected Vehicles | TCS | 25/08/2020 |
| 113 | Rahul S Taware | Roadmap to 5G technology | Webinar DJSCE | 31/07/2020 |
| 114 | Revathi A S | Intellectual Property rights | TCS | 24/8/2020 |
| 115 | REvathi A S | Connected Vehicles | TCS | 25/8/2020 |
| 116 | REvathi A S | Academic Transformation with Secrets of Empowerment | RGIT, Mumbai | 23/7/2020 to 25/7/2020 |



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| | | | | |
|-----|-------------------|---|----------|-----------|
| 117 | Revathi A S | Learning to teach online | Coursera | 11/8/2020 |
| 118 | Revathi A S | Assessment in Higher Education: Professional Development for Teachers | Coursera | 24/8/2020 |
| 119 | Revathi A S | Bits and Bytes of computer networking | Coursera | 29/7/2020 |
| 120 | Revathi A S | Programming for everybody (getting started with python) | Coursera | 22/7/2020 |
| 121 | Revathi A S | AI for everyone | Coursera | 30/7/2020 |
| 122 | Revathi A S | Predicting House Prices with Regression using TensorFlow! | Coursera | 29/9/2020 |
| 123 | Revathi A S | NLP TWITTER SENTIMENT ANALYSIS | Coursera | 29/9/2020 |
| 124 | Revathi A S | Tweet emotion recognition using tensorflow | Coursera | 29/9/2020 |
| 125 | Revathi A S | Sentiment Analysis with Deep Learning using BERT | Coursera | 29/9/2020 |
| 126 | Revathi A S | Perform Sentiment Analysis with scikit-learn Completed | Coursera | 29/9/2020 |
| 127 | Revathi A S | COVID 19 data analysis using python | Coursera | 29/9/2020 |
| 128 | Archana Chaudhari | Intellectual Property rights | TCS | 24/8/2020 |
| 129 | Archana Chaudhari | ETL in the age of Artificial Intelligence | TCS | 26/9/2020 |

STTP's attended by faculty members:

| Sr. No | Name of Faculty | Title of course | Organised by | Dates |
|--------|-----------------------|---|---------------------------------------|--------------------------|
| 1 | Shivani Bhattacharjee | Machine Learning: Algorithms and Applications in Data Science | AICTE Sponsered organised by VIT,Pune | 2/11/2020 to 7/11/2020 |
| 2 | Revathi A S | Academic innovations in industry 4.0 | VIT, PUNE | 14/12/2020 to 19/12/2020 |



Webinar's attended by faculty members:

| Sr. No | Name of Faculty | Title of course | Organised by | Dates |
|--------|-----------------------|---|--------------------------|------------|
| 1 | Venkata A P C | Deep Learning in biomedical image data analysis | GMRIT | 3/7/2020 |
| 2 | Venkata A P C | Artificial Intelligence | KJSIE | 13/7/2020 |
| 3 | Venkata A P C | Cyber Security | KJSIE | 14/7/2020 |
| 4 | Venkata A P C | 3D printing- The key to 4th Industrial revolution | KJSIE | 15/7/2020 |
| 5 | Venkata A P C | Quantum Computing | KJSIE | 16/7/2020 |
| 6 | Venkata A P C | Block Chain | KJSIE | 17/7/2020 |
| 7 | Venkata A P C | Internet of Things | KJSIE | 19/7/2020 |
| 8 | Venkata A P C | Virtual and Augmented Reality in Education | GMRIT | 25/7/2020 |
| 9 | Mrunalini Pimpale | Road Map to 5G | EXTC Department of DJSCE | 31/07/2020 |
| 10 | Archana Chaudhari | Road Map to 5G | EXTC Department of DJSCE | 31/07/2020 |
| 11 | Anuja A Odhekar | Road Map to 5G | EXTC Department of DJSCE | 31/07/2020 |
| 12 | Shivani Bhattacharjee | Road Map to 5G | EXTC Department of DJSCE | 31/07/2020 |
| 13 | Shivani Bhattacharjee | Photonics crystal fiber and its application | TEC,Mumbai | 29/7/2020 |
| 14 | Yukti Bandi | DATA SCIENCE | KJSIEIT,Mumbai | 20/7/2020 |
| 15 | Yukti Bandi | Quantum Computing | KJSIEIT,Mumbai | 16/7/2020 |
| 16 | Yukti Bandi | Cyber Security | KJSIEIT,Mumbai | 14/7/2020 |
| 17 | Yukti Bandi | Artificial Intelligence | KJSIEIT,Mumbai | 13/7/2020 |
| 18 | Revathi A S | DATA SCIENCE | KJSIEIT,Mumbai | 20/7/2020 |
| 19 | Revathi A S | Quantum Computing | KJSIEIT,Mumbai | 16/7/2020 |
| 20 | Revathi A S | Cyber Security | KJSIEIT,Mumbai | 14/7/2020 |
| 21 | Revathi A S | Artificial Intelligence | KJSIEIT,Mumbai | 13/7/2020 |
| 22 | Revathi A S | Recent Trends in autonomous robots | KJSIEIT,Mumbai | 22/7/2020 |
| 23 | Revathi A S | blockchain | KJSIEIT,Mumbai | 17/7/2020 |
| 24 | Revathi A S | 3d printinhg | KJSIEIT,Mumbai | 15/7/2020 |



5.3 Faculty Awards

| Sr. No. | Name of Faculty | Description |
|---------|-----------------------|---|
| 1 | Prof. Vishakha Kelkar | Certificate of appreciation for her instrumental role as SPOC for the NPTEL Local Chapter during semester Jan to April 2020 |

5.4 Student's Achievements

| | |
|--|---|
| Team DJS Antariksh ERC 2020 | secured Overall 3 rd Position globally. |
| | Won the Best Science Planning award among all teams in ERC 2020 |
| | First ever Asian and Indian team to have made it in the Top 3 teams in the history of European Rover Challenge (ERC 2020) |
| | Also this is the first time a team from our college has achieved a podium finish in their debut year in an international competition. |
| Team DJS Antariksh Mars Hackathon 2020 | Team DJS Antariksh achieved 8 th rank from top 24 international teams. |
| | In terms of points the team stands at the 7 th position |
| | The team was successfully able to be in the top 10 in our first year of attempt. |
| Dishant Dipen Shah | Invented 'Work Safe' product to measure oxygen level from a distance of 1 meter and body temperature from a distance of 1 feet. |



6. RESULT ANALYSIS

Academic Year : Acad .Year 2019-2020

Academic Session : Semester IV

Exam Year : Acad .Year 2019-2020

Exam Session : Semester IV

| | Female | Male | Unknown | Total |
|---|--------|--------|---------|--------|
| No of students appeared for Examination | 44 | 93 | 0 | 137 |
| No of students passed | 44 | 93 | 0 | 137 |
| No of students failed with ATKT | 0 | 0 | 0 | 0 |
| No of outright failures | 0 | 6 | 0 | 6 |
| Thus % of result is | 100.00 | 100.00 | 0 | 100.00 |
| No of students eligible for next semester | 44 | 93 | 0 | 137 |
| % of students eligible for next semester | 100.00 | 100.00 | 0 | 100.00 |

Academic Year : Acad .Year 2019-2020

Academic Session : Semester VI

Exam Year : Acad .Year 2019-2020

Exam Session : Semester VI

| Over all records | Female | Male | Unknown | Total |
|---|--------|--------|---------|--------|
| No of students appeared for Examination | 44 | 104 | 0 | 148 |
| No of students passed | 44 | 104 | 0 | 148 |
| No of students failed with ATKT | 0 | 0 | 0 | 0 |
| No of outright failures | 2 | 3 | 0 | 5 |
| Thus % of result is | 100.00 | 100.00 | 0 | 100.00 |
| No of students eligible for next semester | 44 | 104 | 0 | 148 |
| % of students eligible for next semester | 100.00 | 100.00 | 0 | 100.00 |



7. PLACEMENT DATA

Total no. of Students placed Company wise = 109

| Sr. No. | Company Name | No. of Students Placed | Salary Per Annum(LPA) |
|------------------------------------|-------------------|-----------------------------------|-----------------------|
| 1 | Jio Savan | 1 | 10 |
| 2 | RBL | 2 | 9 |
| 3 | ZS | 9 | 8.9 |
| 4 | Quantiphi | 1 | 8.5 |
| 5 | TCS Digital (NQT) | 2 | 7.3 |
| 6 | TCS Digital | 2 | 7 |
| 7 | Tresvista | 7 | 6.4 |
| 8 | LTI (level 1) | 4 | 6.5 |
| 9 | Oracle | 4 | 5.2 |
| 10 | LTI (Level 2) | 14 | 5 |
| 11 | Amdocs | 6 | 5 |
| 12 | Bill Desk | 6 | 5 |
| 13 | Cognizant | 14 | 4.5 |
| 14 | ENY | 5 | 4.37 |
| 15 | TCS Ninja | 5 | 3.36 |
| 16 | TCS Ninja (NQT) | 24 | 3.36 |
| 17 | Infosys | 5 | 3.2 |
| Minimum CTC in LPA: 3.2 LPA | | Maximum CTC in LPA : 10LPA | |