



Since 1962

IT YUKTA इत्युक्ता

Issue 10
2019-20

Odd Semester

Department of Information Technology

Inside this Issue

- From Professor's Desk
- From Editor's Desk
- Highlights
- Students' Corner
 - Departmental Activities
 - Seminars/Workshops Conducted
 - Internships
 - Student Acheivements
 - Workshops Attened
 - Courses Attended
 - ITians in Student's Council
 - Placements
 - Departmental Rankers
- Alumni Voice
- Teacher's Corner
 - Publications
 - Conference
 - Workshops/Courses Conducted
 - Events and Accomplishments
- The Editorial Team

From the Professor's Desk

Information Technology is changing the way we think and work, and plays a significant role not only in solving different kinds of engineering and technological problems also in satisfying societal needs. Great advances have taken place in the field of computer science and engineering, bringing together the understanding of the scientific and technological foundations of computing, the concepts of software and hardware as well as communication technologies. Department of Information Technology believes Technology is about sharing knowledge and information, communicating efficiently, building learning communities and creating a culture of professionalism. At the forefront of innovation, engineering is changing the world in endless ways. To keep you up to date with the latest developments. So, believe in your own potential which can be part of your journey to being successful. If you start to believe in yourself and your potential more, you can become more motivated to prove yourself. When you think you can't reach your potential, you may not even try. No one can be perfect all the time, and progress is the only way that you can improve. Try and progress with your work and keep going even if you make mistakes. To be successful you must accept all challenges that come your way. You can't just accept the ones you like. Challenges are what makes life interesting. Overcoming them is what makes life meaningful.

Technology can become the “wings” that will allow the educational world to fly farther and faster than ever before-if we will allow it.

- Jenny Arledge



Jayshree S. Hajgude
Assistant Professor

From the Editor's Desk

Greetings!!
Yet another issue giving you a snapshot of the various activities and advancements of ITians. Proper communication plays a vital role in the institution's development, this newsletter will serve to reinforce and allow increased awareness, improved interaction and integration among all of us. This newsletter will be a medium to provide proper acknowledgement and respect all of these efforts and its results. So we have made an attempt to bring out the talent concealed within our student and teacher community. We hope you enjoy reading this issue as much as we have enjoyed making it. A huge thank you to our editorial team and beloved alumni who have contributed in writing the wonderful and inspiring alumni voice.

Any suggestions or comments on the newsletter would be most welcome.
Happy New Year!!!

Highlights

- **Dr. Manoj Sabnis** has received **copyright status** for his PhD work under the title “Shadow detection and elimination in static images”.
- 5 teams from IT Department are selected in Mastek and Majesco initiated “**Project Deep Blue**”.
- **Gayatri Belapurkar** and **Gaurav Sahu** of final year were selected as a part of the team of 35 interns from all over the country in **eYantra Summer Internship Programme 2019** in IIT Bombay.
- **Atharva Potdar** and his team of third year won second place at **Bouyanci Innovation Challenge 2019** for Project demonstration of Skin Cancer Detection.

Students' Corner

Departmental Activities

Project Deep Blue

Mastek and Majesco initiated “Project Deep Blue” with an agenda ‘To transform lives by using technology’ in the year 2015 by encouraging engineering students to solve social problems using coding skills and come up with meaningful technical solutions. As the new generation of emerging engineers lack practical knowledge with reference to the industry, “Project Deep Blue” serves as a platform that bridges the gap between industry and academia. The initiative gives engineering students the opportunity to test their technical acumen under the mentorship of industry veterans from Mastek. What differentiates “Project Deep Blue” from other hackathons is the depth of interaction between participating students and Mastek, which lasts for 3 months thus, preparing students before they step into corporate life or pursue an entrepreneurial path. For this season, a total of 10 teams have been selected for the main event out of which 5 teams are from IT department.

Following are the teams from final year:

Team 1:Chirag Bellara,Khusbhoo Chandnani,Ujala Jha and Milan Hazra

Following are the teams from third year:

Team 1:Aishwarya Nair,Hitesh Ochani,Sparsh Prabhakar,Syali Moghe

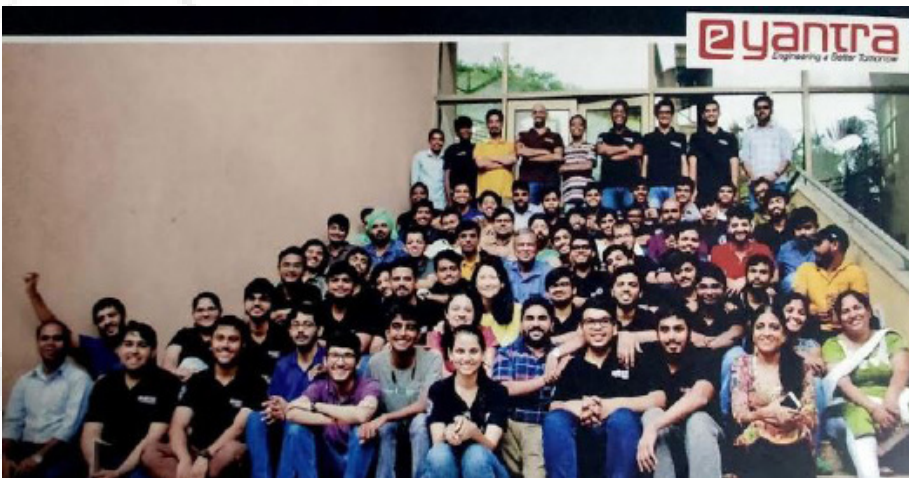
Team 2:Ninad Wadode,Shubham Danekar,Narayani Arun Patil,Mitali Rakesh Ranawat

Team 3:Atharva Potdar,Vedant Sonje,Akash Barhate and Kartik Chindarkar

Following are the teams from second year:

Team 1: Akash Maurya,Devdatta Khoche,Srajan shetty and Aniket Gupta

eYantra Summer Internship Program



Gayatri Belapurkar and Gaurav Sahu of final year were selected as a part of the eYantra Summer Internship Programme 2019 in IIT Bombay. The finalists of the eYantra Ideas Competition and eYantra Robotics Competition were eligible for an interview for the internship and the students of IT were selected as a part of the team of 35 interns from all over the country. The internship gave the students a chance to work on

projects to solve real-life problems faced by eYantra, which were later exhibited in the IIT-B campus for the students and professors of IIT-B.

Cloudera

Cloudera – VESIT Collaboration for Big Data Hadoop training first phase was conducted from from 17th Sept to 26th Sept 2019. The course included topics on basics of Hadoop 2.0, its ecosystem, and components, Hive, Sqoop, Flume and Spark. The lab was conducted on the Virtual machine provided by Cloudera. The course was attended by the students of third year. The session was organised by Mrs.Asha Bharambe and Mrs. Jayshree Hajgude.

Bouyanci Innovation Challenge 2019

Atharva Potdar and his team of third year won second place at Bouyanci Innovation Challenge 2019 for his project demonstration of Skin Cancer Detection. The team was mentored by Mrs. Pooja Shetty. The team developed a model to predicted a type of skin disease based on the image of the mole and further classified it as cancerous or non cancerous. The application was specifically made to assist the Dermatologists for cross checking observations.

Students' Corner

Departmental Activities(continued)

Oracle Certification

Information Technology Department at VESIT believes in exposing students towards growing innovation and competition in the industry by conducting different types of certifications in different fields of Information Technology. Oracle Academy iLearning certification is designed for students who wish to get a better understanding of how programming and database topics tie. 78 students from Information Technology department appeared for this certification.

Information Technology Department at VESIT believes in exposing students towards growing



Oracle Academy iLearning is an enterprise Learning Management System (LMS) and a core component of Oracle's E-Business Suite. Oracle iLearning provides a complete infrastructure for organizations to manage, deliver, and track training for online and classroom based environments.

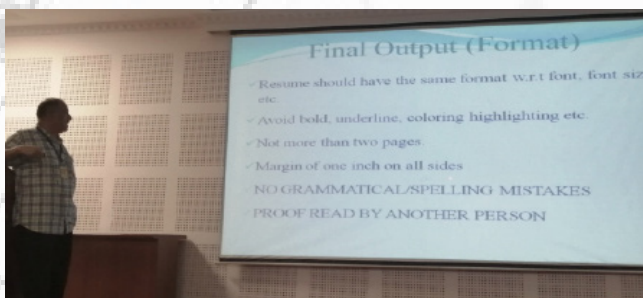
Seminars/Workshops conducted

Climate Change and Constructive Ways to Prevent it

Seminar on Climate change and Constructive Ways to Prevent It, was held in VESIT premises for all the students in I.T department on 18th September 2019. Mr. Mayank Gandhi, Founder, Global Vikas Trust was chief guest and speaker for the seminar. Mr. Mayank Gandhi spoke about 'Why nurturing trees is important and how we can collaborate with government for the same. He warned that humanity will have to face inevitable and unpalatable consequences, which are certainly dangerous if we fail to address global climate change issues.



Resume Writing and Building of Interpersonal Skills



A session on resume writing and building of interpersonal skills was conducted on 11th September 2019. Prof. Nagananda was the facilitator of the seminar. 6 students of IT Department attended the seminar. Prof. Nagananda threw light on Resume Writing and highlighted difference between writing a resume and a curriculum vitae.

Enterprise Resource Planning

On the 30th of September, 2019 the INFT Department witnessed a highly insightful and intuitive session on Enterprise Resource Planning. This session was conducted by Mr.Arunjit Chowdhury who is the CEO of Enterprise Building Training Solutions LLP. The main aim of this session was to highlight what exactly ERP means and why is it essential in today's industrialized world. Session was organized for final year and third year students of Information Technology department.

Students' Corner

Seminars/Workshops conducted(continued)

Blockchain

An expert lecture on Blockchain was conducted by Mr. Saurabh Ambwani on 11th October 2019 for final year and third year students. Mr. Saurabh works as a Senior Consultant, Blockchain Technology at Larsen & Toubro Limited and is currently leading the Blockchain-based Initiatives. Session was organized to cover Blockchain Technology, advertising implications of potential regulation to security concerns, its applications in the start-up world and its pitfall as well.



Industry Experience and must have skills



A seminar on Industry Experience and must have Skills was conducted for final year students on 5th October 2019. The session was held by Mrs. Shubham Gosalkar, Software Engineering Specialist, Bakers Hughes. Software Industry is said to be volatile with new concepts coming up every year for improving the quality of product or services. But there are some skills which are considered to be fundamental in almost every organisation. The seminar was a mixture of core software development skills and some soft skills that

are considered essential by most of the organisation, and inculcating these skills will help you perform better in their professional life.

Internships

- Diya Wadhvani of final year interned as App Developer in Virala in May 2019.
- Shivani Jadhav interned as Web Developer in Technojack Infosolutions for 1 month.
- Aniket Sunil Shinde interned as Project Trainee in Nuclear physics Department in BARC during June 2019.
- Gayatri Belapurkar interned at IIT Bombay on the project "Project Tagging and Data Analysis." for 6 weeks during May 2019.
- Atharva Potdar of third-year interned at VESIT (VRC) in Robotics (Hawking Bot) programme.
- Parikshit Thatte of third year interned at VESIT in VESIT-CMS.
- Aishwarya Nair of third year interned at Ethos CVFL as a Web Developer.
- Karishma Gowda and Nikita Makhija of third year interned at BPCL in Refinery Learning.
- SherAli Shaikh, Fayzaan Qureshi, Anurag Dash, Anmol Rohra, Anushree Rege, Akash Maurya, Srajan Shetty, Devdatta Khoche , Aditya Kotkar of second year interned as Testers in VESIT - CMS.
- Praveenkumar Khatri of second year interned at Awign.

Students' Corner

Student Achievements

- Anurag Shelar of final year was the finalist in the Information Technology Division Coding Contest 'KakushIN' organized by Nomura Services Pvt. Ltd.
- Rajpreet Singh of final year participated in Code for Good Hackathon organized by JPMC.
- Dhiraj Aswani, Sahil Sadhwani, Khushboo Chandnani and Hitesh Soneta of final year participated in TSEC Codestrom organized by TSEC, Bandra.
- Rajpreet Singh, Athul Balakrishnan of final year participated in MIT Hackathon organized by MIT which was conducted in October 2019.
- Shreyas Khadapkar, Hemantkumar Yadav, Jayesh Kriplani, Aniket Gupta of second year participated in Game of Codes event conducted at KJ Somaiya College.
- Milan Hazra, Rajpreet Singh, Athul Balakrishnan, Megha Sahu, Abhishek Kaudare and Sejal Nair of final year participated in the TechTatva 2019 hackathon at Manipal, Udupi, Karnataka.
- Rajpreet Singh, Gayatri Belapurkar, Athul Balakrishnan of final year took part in VESAITHON conducted in VESIT.
- Athul Balakrishnan, Milan Hazra, Rajpreet Singh and Abhishek Kaudre of final year participated in Conduent Blockchain Hackathon organised by Conduent in Hyderabad.
- Sahil Sadhwani of final year won 3rd prize in Dalal Street conducted by ISTE VESIT.
- Tejashree Patil of final year won 2nd prize in Team Carrom in Sphurthi conducted by VESIT Sports Council.
- Nagesh Nayak , Harsh Jain, SherAli Shaikh ,Fayzaan Qureshi , Aditya Kotkar and Ravishankar Mudaliyar of second year secured first place(Junior) in VESIT HACKS conducted by VESIT E-Cell.
- Kritik Taktewale, Shreyas Khadapkar, Anurag Dash ,Devdatta Khoche ,Akash Maurya and Srajan Shetty of second year secured the second place(Junior) in VESIT HACKS conducted by VESIT E-Cell.
- Vignesh Pillai, Jay Bendre, Sumedh Ghavat, Harshita Singh and Ayesha Gulrajani of third year won first place (Senior) in VESITHacks organized by the E-Cell.
- Parth Kodnani, Tejas Shinde and Parikshit Thatte of third year won second position (Senior) in VESITHacks organized by the E-Cell.
- Anushree Rege of second year bagged the first position in Carrom indoor Spurthi conducted by VESIT SPORTS COUNCIL.
- Anushree Rege of second year bagged the second position in Table Tennis indoor Spurthi conducted by VESIT SPORTS COUNCIL.
- Shubhra Jena and Hemkesh Raina of second year won the second prize in Technical Debate conducted by ISTE VESIT.
- Anurag Dash, Nagesh Nayak, Srajan Shetty, Harsh Jain of second year secured fourth place in 'The Amazing Race' conducted by CSI VESIT during PRAXIS 2019.

Workshop Attended

- Vandana Chanchlani of third year attended a Machine Learning workshop by IIT-Bombay.
- Anmol Ranglani of final year attended the one day workshop on Convolution Neural Networks organised by Women in Data Science at VESIT .
- Aniket Sunil Shinde of final year attended the one day workshop on Data Analytics using Python organised by VESIT.
- Seema Vidhrani attended a 3 days workshop on Network Associate organised by VESIT .
- Sameer Keswani, Nidhi Lulla, Divya kukreja, Sahil Chawla ,Rishika Shivnani, Praveenkumar Khatri, Dhiraj Chhabria, Anish Verliani, Vinay Ludhrani, Srajan Shetty, Nagesh Nayak, SherAli Shaikh, Jayesh Kriplani, Shubhra Jena, Bhavesh Bhatia, Akash Maurya, Megha Shahri, Rohit Kundnani, Anuja Shetye, Anmol Rohra, Rutuja Rajhans, Manju Paryani, Shlesha Odhekar, Laveena Punjabi of second year attended a workshop on Instagram Using Python conducted by ISTE-VESIT during PRAXIS 2019.

Students' Corner

Workshop Attended (continued)

- Jayesh Kriplani, Dishant Lohana of second year attended the workshop on Google Cloud conducted by VESIT CodeCell.
- Jayesh Kriplani, Rishika Shivnani, Anuja Shetye, Shubhra Jena of second year attended the workshop on Brain Games 2.0 on 27th September during PRAXIS 2019.
- Aishwarya Nair of third year attended a 2 days Capgemini ML/AI workshop conducted at VESIT.
- Nikhil Gaikwad, Tejas Shinde, Harshita Singh, Tejas Shinde, Jai Mulani, Vandana Chanchlani, Ria Bahrani and Ayesha Gulrajani of third year attended a workshop on IoT conducted in VESIT.
- Anuja Shetye, Laveena Punjabi of second year attended the Solar workshop on 2nd October conducted by VESIT.
- Pratik Dubey, Fayzaan Qureshi, SherAli Shaikh, Pooja Prasad, Nidhi Lulla of second year attended the workshop on Java conducted by CSI-VESIT.
- Anmol Rohra of second year participated in a 7 days workshop on Robotics at Alamuri Ratnamala (ARMIET) College of Engineering.
- Rutuja Rajhans, Megha Shahri of second year participated in the Experiential Learning workshop conducted in VESIT.
- Aaryan Raina of second year has attended the bluetooth Workshop, Analog Workshop conducted by ISA VESIT.
- Sameer Keswani of second year has attended the FILM IT workshop conducted by VESIT.
- Nidhi Lulla of second year has attended the AI workshop conducted by VESIT.

Courses attended

- Nikhil Gaikwad of third year completed a course on PHP, MySql and Web Development by Udemmy along with a course in 8051 and ARM7.
- Hemantkumar Yadav of second year has enrolled for the Web Development course by FreeCodeCamp.
- Nagesh Nayak completed the React native course by Cs 50.

ITians in Student's Council

- Gayatri Belapurkar of the final year is the Student Chief Editor of VesitConnect.
- Gaurav Sahu of the final year is the Senior Technical Officer at ISTE VESIT.
- Anshul Chaudhary of third year is the Junior Technical Officer for ISTE.
- Sparsh Prabhakar of third year is the Operations Secretary for ISTE.
- Anish Chhabria of third year is the Senior Technical Officer for CSI.
- Ayesha Gulrajani of third year is IEEE's Women in Engineering.
- Jatin Acharya of third year is the Junior Web Editor for IEEE.
- Shubham Darekar of third year is the Junior Operations Officer for ISTE.
- Divya Kawana of third year is the Junior Operations Officer for ISTE.
- Sayali Moghe of third year is the Junior Technical Officer for ISTE.
- Prithvi Amin of third year is the Executive Secretary for ISTE.
- Saurav Jeswani of third year is the Junior Treasurer for ISTE.
- Mitali Ranawat of third year is the Operations Officer for E-Cell.
- Ninad Wadode of third year is the Operations Officer for E-Cell.
- Vignesh Pillai of third year is the Technical Officer for E-Cell.
- Jai Mulani, Gaurav Parwani and Vishal Tulsani of third year are a part of VESIT PhotoCircle.
- Richa Chainani, Sumedh Ghavat, Prithvi Amin, Narayani Patil, Vedant Sonje, Harshita Singh and Parth Kodnani of third year are a part of the IIC council.

Students' Corner

ITians in Student's Council (continued)

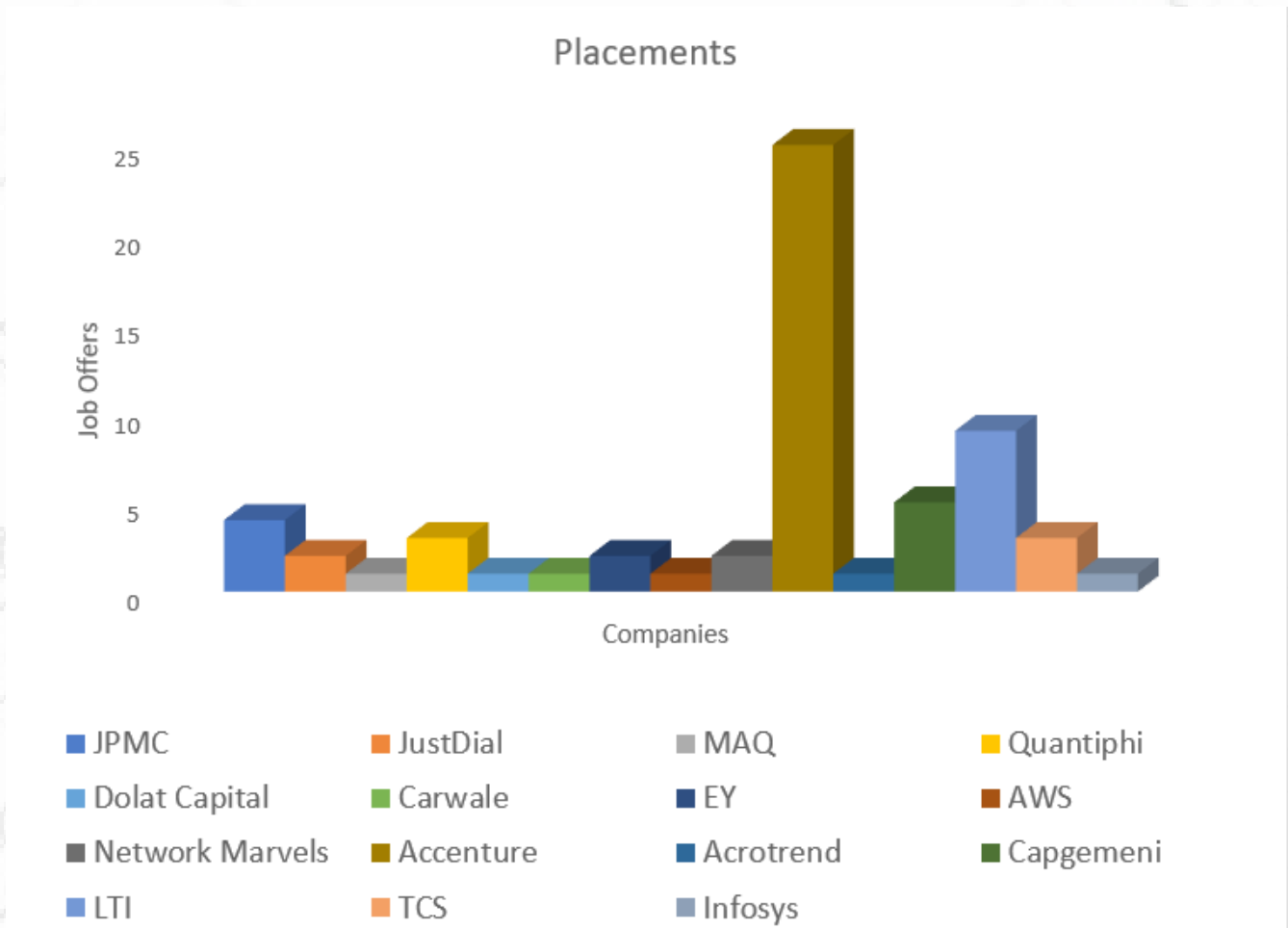
- SherAli Shaikh of second year is JR. Web Editor at CSI VESIT.
- Fayzaan Qureshi of second year is JR. Operations Officer at CSI VESIT.
- Pooja Prasad of second year is JR. Public Relations officer at CSI VESIT.
- Shubhra Jena is of second year JR. Public Relations officer at ISTE VESIT.
- Hemkesh Raina of second year is Graphics Officer at ISTE VESIT.
- Anushree Rege of the second year is the Deputy Music Secretary of Music Council.
- Akash Maurya, Srajan Shetty, Shreyas Khadapkar, Devdatta Khoche, Aditya Kotkar are SE Technical Officers at ISTE-VESIT.

Placements

Statistics of Placement till 23rd October 2019

Total No.of students in final year -74

- Student interested in campus placement -68
- Total placed -49
- Student got two job offers-12



Students' Corner

Department Rankers



SE Rankers



TE Rankers



BE Rankers

Congratulations

Alumni voice



DEEPAK VADGAMA
TECH LEAD, GOJEK

2016 PASSOUT

Parting words fellow students:

If you have an appetite for risk, take it. Aim for higher education or a fast growing startup or tier-1 companies (like MFAANG). If that appetite is limited (due to family, financial stability, etc.), work towards fixing it. Also, our fear of change can come up with excuses that we perceive as risk.

IT department has helped me immensely to hone my skills to become a software engineer. We developed multiple applications and websites along the years and participated in online competitions for data science and competitive programming. This exposure to a variety of technologies is very essential for students and is helping me greatly at my job everyday. The skill enchantment lectures from industry experts gave us an insight into what is the current industry trend. VESIT gave us the opportunity to share our experiences and technical skills with our peers and juniors, which help me refine my communication and public speaking skills. The professors at VESIT are very approachable and have a friendly attitude. Suggesting to juniors to inculcate a habit of self check and exercise your mind and body, to keep themselves hale and happy. Out of college there is no defined curriculum to follow or any exam to keep you in check; it is all up to yourself to ensure that you are healthy, happy and growing.

I judge my career headway using 3 factors - joy, learning and impact.

1. Joy: Do I enjoy my work. Through thick and thin. Tough days, when I learned the most working 14 hours a day. Easier times, when I was in rhythm, able to code for hours without distractions or roadblocks.

2. Learning: My habit of reading articles & watching videos to learn about technology has ensured I don't lag behind my peers (easier alternative is to surround yourself with smart people). If you love tech this will come easy and pay off big time eventually.

3. Impact: If not through my work, then through my interactions with fellow colleagues. Over the years I have met & worked with hundreds of developers. I tried to be a positive part of their work. Share knowledge, show empathy and give advice when asked.



ABHINAV VALECHA
JUNIOR SOFTWARE ENGINEER,
INTERACTIVE BROKERS
2018 PASSOUT

Teachers' Corner

Publications

- Asha Bharambe, "Recognition and Depth Approximation of Dry & Filled Potholes", International Journal of Innovative Research in Science, Engineering and Technology, Vol. 8, Issue 8, August 2019,SSN(Online): 2319-8753 ISSN (Print): 2347-6710.
- Dr.Manoj Sabnis, "Recognition and Depth Approximation of Dry & Filled Potholes", International Journal of Innovative Research in Science, Engineering and Technology, Vol. 8, Issue 8, August 2019,SSN(Online): 2319-8753 ISSN (Print): 2347-6710

Conference

- Dr. Shalu Chopra, "Student Performance Prediction in AI", International Journal of Computer Applications Technology and Research, Vol 8,Issue 05, 157-160, 2019, ISSN:-2319-8656.
- Asma Parveen I.Siddavatam, "A novel way of uniform amplitude generation for calibration and testing of high resolution nuclear spectroscopy systems",IEEE Conference, ICICICT-2019.
- Asma Parveen I.Siddavatam, "A pulse generation system based on new method for testing performance of high resolution spectroscopy systems", International Conference on New Frontiers in Nuclear Physics" October 14-17, 2019, Banaras Hindu University,Varanasi

Workshops/Courses Attended

- Dr. Shalu Chopra, Mrs. Smita Jangale, Mrs Jayshree Hajgude, Mrs Vidya Pujari, Mrs Vinita Mishra, Mrs. Pooja Shetty and Ms Sukanya Roychowdhury attended an FDP on "Progressing Web App Development & BlockChain" organised at VESIT, from 1st July 2019 to 6th July 2019.
- Mrs Jayshree Hajgude attended a LINUX Workshop at Shah & Anchor Kutchhi Engg., on 23rd August 2019.
- Mrs Asha Bharambe attended a STTP on "Infrastructure & Cyber Security" at TSEC from 1st July 2019 to 6th July 2019.
- Mrs Asha Bharambe attended an orientation on"Big Data Analytics orientation program" at DBIT on 15th July 2019.

Events and Accomplishments

- Mr. Smita Jangle had attended a Workshop on Enterprise Network Design at KJ Somaiya Institute of Engineering and Information technology on 14th July 2019.
- Dr.Shanta Sondur organised Hands- on training on "IOT using Arduino and Raspberry Pi" at VESIT from 8th July to 12th July 2019.
- Mr.Jayshree Hajgude had attended an Orientation on "Android Lab" at Fr.C.Rodrigues Institute of Technology,Vashi on 6th July 2019
- Mrs. Vinita Mishra successfully completed NPTEL Certification.
- Mr. Charusheela Nehete had attended an Orientation on " Operations Research" at Vidyavardhini College of Engineering, Vasai Rd. on 28th June 2019.

Editorial Team

Faculty Incharge

Mrs. Vinita Mishra, Mrs. Pooja Shetty

Data Acquisition and Processing Team

Rajpreet(D20), Ayesha Gulrajani(D15),
Mohd SherAli Shaikh(D10), Fayzaan Qureshi(D10)

Design Team

Pooja Prasad(D10), Nagesh Nayak(D10)