# From the Editor's Desk

*"The ultimate measure of a man is not where he stands in moments of comfort and convenience, but where he stands at times of challenge and controversy."*

*-Martin Luther King, Jr.*

Greetings from the Department of Computer Engineering, DBIT.

The current situation of COVID has truly made us understand the meaning of the wonderful quote stated by Martin Luther King, Jr.

Few months before when everyone was struggling to blend with the "new-normal" behavior, in the present scenario each one of us has accustomed with it very well and also learnt to live with it without many complaints.

Amidst all this, the department feels proud and exuberant to acclaim that we are ready with all new hopes and hues to bring out the 6th issue of our biannual newsletter, which is going to surely unfold the precious moments and achievements of the department.

Finishing the last semester was a bumpy ride, when nobody had any idea about how the things will go ahead, everybody still managed to put up a good show by conducting various webinars, events and activities.

Faculties and students have published their research papers in eminent journals and conferences to continue the research publication legacy of the department.

Considering the time everyone had in their hand, it was used efficiently to complete various certification programs on different MOOC platforms which will surely help the department to excel.

Faculties have also attended various Faculty Development Programs and arranged multiple webinars online taking into consideration the need of the hour topics.

Department is working equally hard towards their SEAD journey, NAAC and NBA accreditation.

The department's placements records talk a lot about the efforts the students take towards their studies and holistic development with the faculties' guidance and timely support.

I hope you enjoy reading this newsletter, and I look forward to hearing from you.

Hoping you find this newsletter edifying and useful. If you ever have any suggestions or comments, you can mail me at deepali.dbit@dbclmumbai.org.

I appreciate the hard and persistent efforts put up by the student committee, Alumni and the faculty in bringing this newsletter in time.

I express my deep sense of gratitude to the Newsletter team Mr. Hariharan Iyer, Ms. Briana Rajan, Ms. Riona Dsouza and Ms. Sonal Chaudhari.

I thank the head of the department Ms. Sana Shaikh and all the faculty members of the department for their inputs to this newsletter.

*With best wishes,*
**Ms. Deepali Kayande**

# From the HOD's Desk

*With great pleasure I introduce you to the Department of Computer Engineering, DBIT. Computer Engineering is a versatile, dynamic and evergreen branch of engineering. The major strength of the department is a team of well qualified and dedicated faculties who are continuously supporting the students for their academic excellence. The students and faculties of the department are always proactive in taking initiatives in technical, cultural and social events. I hope that this newsletter will serve the purpose of reflecting all activities of the department and it will inspire others to do their best.*

*The Department has recorded consistent improvement in its academic, research and placement performance. We offer a range of innovatively designed value added courses and certification courses whose curricula are constantly updated to meet the changing requirement of the industry. We believe that our students have been well accepted in their job profiles and have consistently exceeded expectations of the corporate world. The students are always encouraged to get hands-on experience in the corporate world through internship projects. In their curriculum, they are encouraged to take up mini projects to supplement theoretical knowledge with practical experience.*

*Our students are not only academically sound and disciplined but they also showcase their talents under non-technical, technical and cultural forums. We also encourage students to organize events such as Tecknack, Coding competitions, workshops on latest tools and technologies, participating in various events organized by other colleges and also get involved in activities of social relevance.*

*We are encouraged to see many industries coming back to our department, which reinforces our belief in the effectiveness of our curriculum and its suitability to meet the dynamic corporate world.*

*I would like to thank all my colleagues for their tireless efforts to help the department progress at a very steady pace. I also would like to thank the Editorial team for designing this newsletter.*

*With this brief introduction, I invite you to go through this newsletter which highlights the achievements of the department, and despite of COVID19, we have showcased the best. Looking forward to having many more future editions.*

*With best wishes,*
**Ms. Sana Shaikh**

# Vibing in Techly!!!



*A two day event –'TCS – DBIT Techvibes' was organised by Prof. Sejal Chopra on 8th Jan 2020 and 9th Jan 2020 in collaboration TCS by the profesionals from TCS. The event threw light on almost all the skills an engineering student needs navigating through the entire spectrum of skillset from tech skills to soft skills. The big shots of the computer world – artificial intelligence, cloud computing, blockchain and big data and analytics were skimmed through. With the session being delivered by experienced personals from the industry, the event succeeded in providing all the participants a taste of the industry and guiding them as to what areas of development is needed as per the requirement of the industry.*

# KAP (Kernel, Arduino & Python) Mashup

*On 29th Jan, 2020 a peer learning session was conducted for the students in the second year by few students from the third year under the guidance of Prof. Sejal Chopra, Prof Sana Shaikh and Prof. Shainila Mulla. The workshop intended on providing the participants with the knowledge to rock on their mini project with a real-time usable model with the integration of kernel, Arduino and python. At the end of the workshop, the participants were asked to present an idea of a model involving all these technologies.*

# Interactive Learning through Google Forms



*On 18th February, 2020 a session was arranged for the School and ITI Faculties from Institutes across Maharashtra (Teaching Vocational Subjects) by the department of Computer Engineering. The facilitators for the day were Ms. Sana Shaikh, Ms. Sejal Chopra and Ms. Shafaque Syed. The session was a grand success in achieving its aim to provide the insights to provide the attendees as to enhance college branding and visibility in other schools by providing interactive learning opportunities to students by creating quizzes, taking up surveys and data analysis and accepting feedback and responses.*

## SEMICODE





*Semi code was a Coding Competition held by ACM student chapter in collaboration with 5 colleges of Mumbai - ACM DBIT, ACM SNDT, ACM SAKEC, ACM MPSTME and ACM MHSSCOE. The first round for ACM DBIT was held on 4th February, 2020 at Computer Center, Dbit and 44 teams participated out of which 21 teams were selected for the next round. The second and the final rounds were held at Mukesh Patel college of engineering on 23rd February, 2020. Team consisting of Mr. Shubham Bhist and Mr. Sachin Sharma from DBIT won the final round securing 3rd place.*

# Project Based Learning in Vocational



*A session was conducted on 27th February, 2020 by Ms. Shafaque Syed of Computer Department and a team from Tech Shiksha Labs, Vashi for School and ITI Faculties from Institutes across Maharashtra (Teaching Vocational Subjects) with the motive to incorporate active learning in schools while teaching vocational courses. The session helped the attendees gain the ability to make understand concepts through making small projects and via activities.*

## How to use Selenium to automate any daily online task

*An expert session was organized for students of second year, Computer Engineering to throw light on some information about Selenium, a tool used for automation. The session was a part of the OST Lab Course and was organized under the guidance of Ms. Sana Shaikh. The facilitator for the day was Ms. Priya Kaul. The session hoisted the success flag in accomplishing its aim in empowering students with the knowledge to convert their ideas into reality to automate various tasks.*

# ACM Mumbai Hackathon 2019–20



ACM Mumbai Hackathon 2019-20 was conducted on the 7th and 8th of March, 2020 at M. H. Saboo Siddik College of Engineering. 26 teams participated each of 2 to 4 members. The teams were allowed to have a mixed team of members from different colleges. 1 team from dbit participated. This event is traditionally a hackathon hence the students are locked in for the whole 24 hours. The team from DBIT consisting of Soham Shinde, Nevil Dsouza, Rahul Pudurkar, Rizwan Shaikh (Students of TE Comps) won ACM Hackathon for the problem statement provided by Twin Tring - Build an android mobile app for cyclists to record, share and analyse their rides using GPS location tracking tool.

# Online Session on Moodle IA2 question settings



On 17th April 2020, a session was conducted by Ms. Kalpita Wagaskar to give and insight into the various question setting possibilities for conducting online IA2 exams. The session was primarily targeted towards the faculty of the Mechanical Department. The session gave insights about the patterns of questions that could be quizzed via moodle and also explained the grading of each of these types of questions.

# TEKNACK 2020

*An act once done becomes a memory...But an action consciously done again and again makes an habit that upskills one's soul to being a better human. And one of the best ways to carve some good ideas into minds, especially of the young is through a game and keeping this in mind, Teknack has produced some value-enhancing games that give the player a chill down the spine.*





*Powering through the obstacles. By seeing the positive in everything and providing the games, created by our developers to the world Teknack 2020 was conducted online for the very first time due to the covid -19 pandemic. Developers made and published 16 amazing games amidst the lockdown due to the pandemic.*

# WEBINARS

## Gain Momentum... Unlock your Potential...

The onset of Covid-19 pandemic made the world go round. Everything from industry to education took a deep turn in both, the way it was perceived and conducted. But that did not stop the Department of Computer engineering to break apart the quest of knowledge. A series of webinars under the aim to gain momentum to make ones place in the industry and to unlock ones potential to rise up as wonderful engineers for this world took quarantining to a whole new level as an opportunity to grow and acquire more wisdom.

### Panel Discussion on "Life Post Covid" with different stakeholders on one common platform

A Panel Discussion on

**LIFE POST COVID**

| Mr. Ravish Sahay | Ms. Sharon Pires | Mr. Dion George | Mr. Aarish Iyer | Ms. Sasha Pais |
|---|---|---|---|---|
| CEO Seques1string (Industry Expert) | Secretary LPG HR- BPCL (Parent Rep.) | Software Developer Cuemath (Alumnus) | Pursuing MS in CS Dartmouth College (Alumnus) | Ex-Vice Chairperson ACM TE - Comp (Student Rep.) |

Date: 14 June 2020

Computer Department of Don Bosco Institute of Technology organized a Panel Discussion on 14 June 2020 on topic "Life Post Covid" under Webinar Series called "Gain Momentum: Unlock your potential". Panel discussion was systematically divided in 3 sections like Impact on Jobs, Lifestyle Shift and Utilizing time during lockdown. The objective of the discussion was to build awareness about the personal and professional challenges that every individual is subjected to face post covid. This discussion was relevant to everyone . Q & A was also conducted after the end of the third section. Overall it was very informative and cleared doubts of many participants who attended this discussion panel.

# WEBINARS

## Fighting financial crimes

A webinar on Fighting Financial Crimes was conducted on 17th June 2020. This was conducted on WebEx. The resource person for this webinar was Mr. Mustafa Fatakdawala. The objective for this webinar was to address the various crimes in financial sector of the Industry and its challenges. The webinar focused on various financial crimes faced by financial institutions with some examples elaborating the issue.



## Software Career options Mastering the digital transformation journey



In the wake of making students familiar with the future demands in the feild of software career, a webinar was conducted by Mr. Shirish Sawant on 17th June,2020 on zoom video conference and was also streamed live on youtube. The webinar focused on digital transformation journey and the increasing demand of various software career options. A positive feedback was received from the participants who found this webinar provoking and engaging. They were able to grasp information about digital transformation.

# WEBINARS

## Mobile Forensics: Opportunities and Challenges
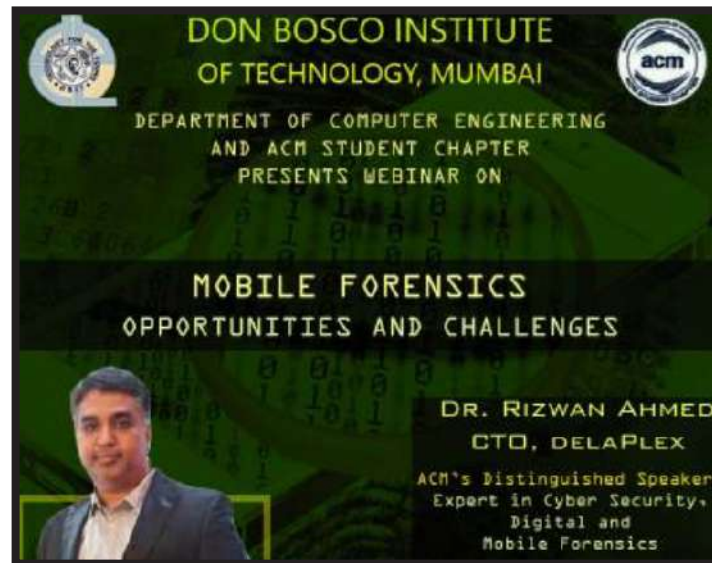




A webinar on Mobile Forensics: Opportunities and Challenges was conducted on 20th June 2020 for the students and the faculty. The resource person for this webinar was Dr. Rizwan Ahmed. The webinar was conducted over Zoom and also streamed on YouTube. The objective of this webinar was to introduce the field of Mobile forensics to the audience. The webinar focused on various financial crimes faced by financial institutions with some examples elaborating the issue.

# WEBINARS

## Digital Agriculture with AI and Image Processing



Webinar on Digital Agriculture with AI and Image Processing was conducted by Dr. Leisa Armstrong on 21th June, 2020 via zoom video conference. In the webinar, Dr. Leisa Armstrong spoke about Digital Agriculture followed by the challenges farmers in India face as of present day. The speaker also spoke about the Issues in implementing Digital Agriculture along with smart digital agriculture. Dr. Leisa Armstrong talked about various research areas available in this field and inspired the students to go for research in this field.

# WEBINARS

## Language Acquisition with AI Agents in Immersive Environments



A webinar on 'Language Acquisition with AI Agents in Immersive Environments' was conducted on 18th June, 2020 by Department of Computer Engineering, DBIT and ACM-DBIT. The facilitator for the session was Dr.Rahul Divekar, researcher at Rensselaer University, USA. The session helped the participants to understand the Engagement with a real-world environment with the help of AI agents using language acquisition in immersive environments. The facilitator gave us a glimpse of his project to build interpersonal conversation skills using AI through immersion - learning Chinese as a language to help users learn and communicate in that language. The project-driven approach for explaining to the participants language acquisition gained a big fat upvote in meeting its goals.

# WEBINARS

## Boosting Employability Post Covid



With the covid-19 pandemic hitting all around the globe in the most unexpected way and the situation changing before the blink of an eye, the industry too was shaken in a way no one dreamt of in the wildest of their dreams. So to give an upperhand to all the Dbitians, a session by Mr. Rayner Dsouza on 'Boosting Employability Post Covid' was conducted on 21st June, 2020. The session proved to be a grand success in providing the participants with an overview of what they should work on to have a promising future in the industry.

# WEBINARS

## Lean Product Development Using Design Thinking

*A webinar on Lean Product Development with Design Thinking was conducted on 30th June, 2020. This webinar was conducted by the ACM Student Chapter & Computer Department of Engineering, DBIT. The resource person for this webinar was Dr. Amiya Kumar Tripathy and faculty co-ordinator Ms. Shafaque Syed. A total of 520 participants joined in this event, out of which 85 joined via the Zoom call and the others streamed it on YouTube. The objective of this webinar was to highlight how lean approach can be implemented in product development along with design thinking.*
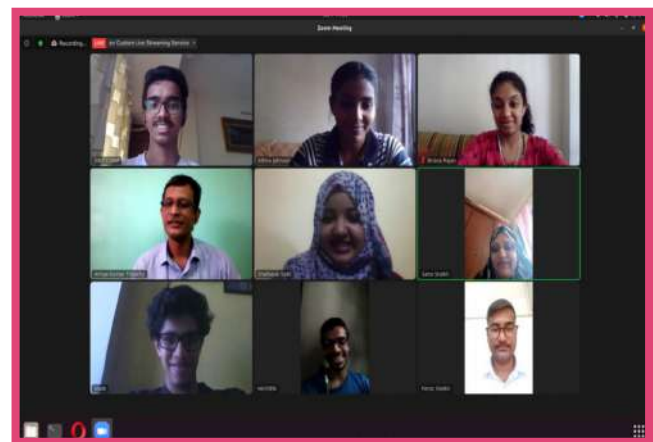




## A Roadmap to B.E. Final Year Project: From Introduction to Conclusion

*The ACM Student Chapter & Computer Department of Engineering, DBIT conducted a webinar on A Roadmap to B.E. Final Year Project: From Introduction to Conclusion on 1st July, 2020. This webinar was conducted on Zoom and also streamed on YouTube. A total of 205 people participated in this webinar out of which 79 joined on Zoom and the others streamed it on YouTube. The resource person for this webinar was Dr. Shaikh Phiroj and faculty co-ordinator Ms. Shafaque Syed. The objective of this webinar was to give guidance to the Final Year Students on the flow of the BE Project work right from topic selection to conclusion.*

# WEBINARS

## Leverage the intelligence of Cloud Computing



*For cloud computing enthusiasts, a webinar was conducted by Mr. Gaurav Dharasania on 6th July ,2020 via zoom video conference. It was organized by Computer Department of Engineering, Don Bosco Institute Of Technology with the guidance of Prof. Shainila Mulla. Cloud Computing is changing the Business World. Companies are rapidly incorporating cloud technology because of its key benefits like cost efficiency, scalability, data security, mobility. The session focused on this positive impact of cloud computing on business and society.*

# ACHEIVEMENTS

| Name | Event | Rank |
|---|---|---|
| **Grejo Joby** | Semicode | Participated and selected for next round |
| **Manasi Anantpurkar** | CSI Treasure Hunt<br>Semicode | Second<br>Participated and selected for next round |
| **Srushti Shetye** | Hysteria-Cricket<br>DBPL<br>Hysteria-Mixed Relay<br>Hysteria-Javelin Throw<br>Hysteria-Throwball | First<br>First<br>Third<br>Third<br>Third |
| **Suman semalty** | protous | Fourth |
| **Saloni Dhotre** | Hysteria-Pot painting | First |
| **Reeya Gupta** | Hysteria-Pot painting | First |
| **Riona Dsouza** | Hysteria-Cricket<br>Hysteria-Mixed Relay | First<br>First |
| **Denzita Dsouza** | Hysteria-Cricket | First |
| **Rahul Pudurkar** | 1st Prize<br>Participation<br>Organizer | ACM Mumbai Hackathon<br>Semicode<br>Teknack 2020 |
| **Arjun Chavan** | Game of Codes<br>Intracollege Maths-Physics Quiz<br>Intercollege Maths-Physics Quiz<br>Make-a-thon (Entrepreneurship cell)<br>Swat-the-Bug<br>Decipher<br>Smart India Hackathon<br>CanSat 2020 | 2nd Prize<br>1st Prize<br>3rd Prize<br>1st Prize<br><br>1st Prize<br>1st Prize<br>Till Grand Finale<br>40th Position |
| **Soham Shinde** | ACM Mumbai Hackathon<br><br>Asterotera<br>Teknak 2020<br>ACM Hackathon<br>Colosseum- decipher and code switch | 1st Prize<br><br>Most popular Game of Teknack 2020<br>Participation<br>Event Coordinator |

# ACHEIVEMENTS

| Name | Event | Rank |
|---|---|---|
| **Tina** | Ruia Rotaract club football competition<br>Football- Ruia Rotaract, KJ somaiyas Skream fest, SK somaiya<br>Throwball- VJTI fest,VIT fest and Thakur college fest<br>LITSOC<br>Make-a-thon<br>ACM<br>E cell | 1st prize<br>Participation<br><br>Participation<br>Participation<br>Participation<br>Participation<br>Core Team<br>Core Team |
| **Rizwan Shaikh** | Mumbai Hackathon<br>BSE Impact: Student Startup Hackathon 2019 | 1st prize |
| **Wayne Fernandes** | Hysteria 2020<br>Colosseum 2020<br>ACM 2020<br>NSS | Participation<br>Event Organizer<br>Core Team, Treasurer<br>Student Leader 2020 |

## Innovex 2020 winners:

| Award | Winners | Project Title | Project Guide |
|---|---|---|---|
| 1st prize | Mr. Vignesh S., Mr. Aditya P., Mr. Ram D. | Crowd Density Estimation Approach using GPS mobility for its dynamics and Prediction | Dr. Amiya Kumar Tripathy |
| 2nd prize | Mr. Shivam B., Ms. Rosy C., Ms. Jacklin G. | Waste Segregation using Smart Bin and Optimization of Collection Routes | Ms. Sejal Chopra |
| 3rd prize | Mr. Sagar Rao, Ms. Shalomi F., Ms. Samruddhi R. | Chavi- A Blockchain-based Chain of Custody for Digital Key Evidence Management | Ms. Shafaque Syed |
| Viewer's Choice | Mr. Atharva D., Mr. Saurabh B., Mr. Sean D. | Saftey App: Crime Prediction using GIS | Ms. Sana Shaikh and Dr. Amiya Kumar Tripathy |

# FACULTY ACHIEVEMENTS

**Dr. Amiya Kumar Tripathy won Dr. APJ Abdul Kalam National Award for Teaching & Research by IISER Bengaluru on 29 February 2020 and has completed PhD Supervision on Cross Domain Co-extraction of Semi Supervised Lexicons for Opinion Mining, from Pacific University.**

| Faculty Name | Title of Paper | Conference |
|---|---|---|
| Ms. Shafaque Syed, Ms. Ditty Varghese, Dr. AmiyaKumar Tripathy | Remote sensor networks for chilli crop disease prediction using thermal image processing technique | 3rd International Conference, St. Francis Institute of Technology |
| Ms. Shafaque Syed | Validation and Optimization of vulnerability detection on Web Application | e-IC-RACT 2020, Amity School of Engineering and Technology,Amity University Mumbai |
| Ms. Shafaque Syed | A novel approach for Digital Evidence Management using Blockchain | e-IC-RACT 2020, Amity School of Engineering and Technology,Amity University Mumbai |
| Ms. Kalpita Wagaskar | Modeling CNN for Best Parameter Investigation to Predict Viable Exoplanets | Book: Advanced Computing Technologies and Applications, Algorithms for Intelligent Systems, Springer Nature Singapore Pte Ltd |
| Ms. Kalpita Wagaskar | Proposed Quantum AI solution for the Traveling Tournament Problem | International Conference for Emerging Technology (INCET 2020), Jain College of Engineering, Karnataka |
| Ms. Kalpita Wagaskar | Optimal Resource Search in Grid Computing as a Multi-Objective Problem with Particle Swarm-Technique | International Conference for Emerging Technology (INCET 2020), Jain College of Engineering, Karnataka |
| Ms. Mayura Gavhane | Automated System for Source Code Palgiarism Detection | e-IC-RACT 2020, Amity School of Engineering and Technology,Amity University Mumbai |
| Ms. Priya Kaul | Dynamic Review Modelling and Recommendation of Tourism Data | e-IC-RACT 2020, Amity School of Engineering and Technology,Amity University Mumbai |
| Ms. Sejal Chopra | Waste Segregation using Smart bin and Optimization of Collection Routes | e-IC-RACT 2020, Amity School of Engineering and Technology,Amity University Mumbai |

# FACULTY ACHIEVEMENTS

| Faculty Name | Title of Paper | Conference |
|---|---|---|
| Ms. Sejal Chopra | Economic Analysis of Crop Sustainability for Farmland | e-IC-RACT 2020, Amity School of Engineering and Technology, Amity University Mumbai |
| Ms. Sana Shaikh, AmiyaKumar Tripathy | Safety App: Crime Pred iction using GIS | International Conference on Advances in Computing, Communication and Control, Fr. Conceicao Rodrigues College of Engineering, Bandra, Mumbai |
| Ms. Sana Shaikh | Text summarization using Neural Networks | International Conference on Advances in Computing, Communication and Control, Fr. Conceicao Rodrigues College of Engineering, Bandra, Mumbai |
| Ms. Shainila Mulla | Monitoring Counterfeit Drugs using Counter Chain | International Conference on Advances in Computing, Communication and Control, Fr. Conceicao Rodrigues College of Engineering, Bandra, Mumbai |
| Ms. Shainila Mulla | Automated Resume Evaluation system using NLP | International Conference on Advances in Computing, Communication and Control, Fr. Conceicao Rodrigues College of Engineering, Bandra, Mumbai |
| Ms. Ditty Varghese | Smart Shopping System with Android Application and Integrated Billing | e-IC-RACT 2020, Amity School of Engineering and Technology, Amity University Mumbai |
| Ms. Ditty Varghese | Student Performance Analysis And Prediction Of Employable Domains Using Machine Learning | e-IC-RACT 2020, Amity School of Engineering and Technology, Amity University Mumbai |
| Ms. Dipti Jadhav | Class Attendance Management System using Facial Recognition | International Conference on Automation, Computing and Communication, D Y Patil University |
| Ms. Deepali Kayande | Outfit Selection Using Colour Matching Application And Image Processing | e-IC-RACT 2020, Amity School of Engineering and Technology, Amity University Mumbai |
| Ms. Deepali Kayande | Image Forgery: Detection of Manipulated Images using Ne ural Network | e-IC-RACT 2020, Amity School of Engineering and Technology, Amity University, Mumbai |

# FACULTY ACHIEVEMENTS

| Faculty Name | Title of Paper | Conference |
|---|---|---|
| Ms. Dipti Jadhav | Cost Optimized Navigation System for Multimodal Routes | IEEE 5th International Conference for Convergence in Technology (I2CT), Bombay, India |
| Dr. AmiyaKumar Tripathy | Smart Shopping System with Android Application and Integrated Billing | International Conference on Recent Advances in Computational Techniques (E-ICRACT 2020), Navi Mumbai |
| Dr. AmiyaKumar Tripathy | Classroom Lecture Attention Analysis framework | International Conference on Recent Advances in Computational Techniques (E-ICRACT 2020), Navi Mumbai |
| Dr. AmiyaKumar Tripathy | A Crowd Density Estimation Approach Using GPS Mobility for Its Dynamics and Predictions | 3rd IEEE, International Conference on Communication System, Computing and IT Applications |
| Dr. AmiyaKumar Tripathy | Fraud Detection in NFC-enabled Mobile Payments: A Comparative Analysis | International Conference on Evolutionary Computing and Mobile Sustainable Networks (ICECMSN 2020), Bangalore, India |
| Dr. AmiyaKumar Tripathy | A Resource Effective Approach for Distributed Machine Learning over a Local Network | International Conference on Advances in Computing, Communication and Control (ICAC3), Mumbai, India |
| Dr. AmiyaKumar Tripathy | Crowdsourcing for Urban Laborers and Time Optimization | Second International Conference on Advance Computing and Application (ICACTA 2020) |
| Dr. AmiyaKumar Tripathy | Detecting deviations from activities of daily living routines using kinect depth maps and power consumption data. | This article was published in Springer Journal of Journal of Ambient Intelligence and Humanized Computing, 11, 1727–1747 (2020) |
| Ms. Sana Shaikh | Solid Waste Management: Green Index Calculation and Route Optimization | 3rd International Conference on Communication System, Computing and IT Applications (CSCITA) |

# FACULTY ACHIEVEMENTS

**Dr. Amiya Kumar Tripathy has adorned the following positions:**
1. Session Chair at 3rd International Conference Communication Systems, Computing and IT Applications, (CSCITA 2020) 03-04 April 2020, Mumbai, India.
2. Session Chair at International Conference on Automation, Computing and Communication 2020 (ICACC-2020), 27th- 28th June 2020, at RAIT, Nerul, Navi Mumbai.
3. Advisor to IC-RACT2020 International Conference, Amity University Mumbai, June 26-27, 2020, India

Sessions delivered by faculty in other institutes:

| Name of the faculty | Topic of the webinar | Institute Name |
|---|---|---|
| Dr. Amiya Kumar Tripathy | Data Science for IoT | International Webinar series, SAKEC, Mumbai |
| Dr. Amiya Kumar Tripathy | Data Science and Analytics-an IoT perspective | DBCOE, Goa |
| Dr. Amiya Kumar Tripathy | Critical Thinking | PCCOER, Pune |
| Dr. Amiya Kumar Tripathy | Problem based learning to Project based learning | PCCOER, Pune |
| Dr. Amiya Kumar Tripathy | Faculty Orientation Program University of Mumbai for mini projects | Lokmany Tilak College of Engineering, Navi Mumbai |
| Dr. Amiya Kumar Tripathy | Coalescing IoT & AI towards Data Science | 3rd International Conference on Recent Trends in Image Processing & Pattern Recognition, Marathwada University, Maharashtra |
| Dr. Amiya Kumar Tripathy | Python for Data Science and Scientific computing, Data Science and Machine Learning | Vidyalankar School of Information Technology, Mumbai |
| Dr. Amiya Kumar Tripathy | Remote Sensing & GIS in Agriculture and Natural Resource Management | Pre-Conference Workshop on Pattern Analysis and Machine Intelligence on 2nd Jan 2020, Marathwada University Aurangabad, Maharashtra |

# FACULTY ACHIEVEMENTS

## Online Courses Taken up by Faculty :

| Faculty Name | Course Name | Online Platform and University |
|---|---|---|
| Ms. Shafaque Syed | Excel Skills for Business : Intermediate I | Macquarie University offered through Coursera |
| Ms. Kalpita Wagaskar | Modern educational tools and pedagogical practices for online teaching | Vidyalankar Institute of Technology |
| Ms. Kalpita Wagaskar | BOSS Linux Training | Spoken Tutorila Project, IIT Bombay |
| Ms. Kalpita Wagaskar | Convolutional Neural Networks | deeplearning.ai, offered through Coursera |
| Ms. Kalpita Wagaskar | Structuring Machine Learning Projects | deeplearning.ai, offered through Coursera |
| Ms. Kalpita Wagaskar | Python Django | K J Somaiya Institute of Engineering and Information Technology, Sion, Mumbai |
| Ms. Mayura Gavhane | Python for everybody | University of Michigan, offered by Coursera |
| Ms. Priya Kaul | Data Analytics for Lean Six Sigma | University of Amsterdam, offered by Coursera |
| Ms. Priya Kaul | The Data Scientist's Toolbox | University of Johns Hopkins, offered by Coursera |
| Ms. Priya Kaul | Excel Skills for Business : Intermediate I | Macquarie University offered through Coursera |
| Ms. Sejal Chopra | Storytelling and influencing: Communicate with impact | Macquarie University offered through Coursera |

COMPUTER NEWS

# FACULTY ACHIEVEMENTS

| Faculty Name | Course Name | Online Platform and University |
|---|---|---|
| Ms. Sejal Chopra | Excel Skills for Business : Intermediate I | Macquarie University offered through Coursera |
| Ms. Sana Shaikh | Introduction to Big Data | UC San Diego, offered through Coursera |
| Ms. Sana Shaikh | Excel Skills for Business : Intermediate I | Macquarie University offered through Coursera |
| Ms. Ditty Varghese | AWS Concepts | Linux Academy, Udemy |
| Ms. Ditty Varghese | Pyhton + Sql + Tableau: Integrating Python , Sql and Tableau | 365 Careers, Udemy |
| Ms. Ditty Varghese | Data Analytics for Lean Six Sigma | University of Amsterdam, offered by Coursera |
| Ms. Ditty Varghese | Excel Skills for Business : Intermediate I | Macquarie University offered through Coursera |
| Ms. Deepali Kayande | AWS Concepts | Linux Acade my, Udemy |
| Ms. Deepali Kayande | Introduction to Child Psychology | Elmira Strange, Udemy |
| Ms. Deepali Kayande | Excel Skills for Business : Intermediate I | Macquarie University offered through Coursera |
| Ms. Deepali Kayande | The Science of Well- Being | Yale University, Offered through Coursera |

# FACULTY ACHIEVEMENTS

| Faculty Name | Course Name | Online Platform and University |
|---|---|---|
| Ms. Deepali Kayande | Data Visualization Using Tableau | Dayananda Sagar College of Arts, Science and Commerce, Bengaluru |
| Ms. Deepali Kayande | Interactive-Impactful E-Learning Techniques | K.C College of Engineering and Managemenet Studies and Research, Thane |
| Ms. Deepali Kayande | Data Science | Fr. Conceicao Rodrigues College of Engineering, Mumbai |
| Ms. Deepali Kayande | Disruptive Technologies of Industry 4.0 | Fr. Conceicao Rodrigues College of Engineering, Mumbai |
| Dr. AmiyaKumar Tripathy | Data Science and Machine Learning | Vidyalankar School of Information Technology, Mumbai |
| Ms. Kalpita Wagaskar | Innovation IPR and Entrepreneurship | IIC from MHRD |
| Ms. Ditty Varghese | DATA SCIENCE | Fr. Conceicao Rodrigues College of Engineering, Mumbai |
| Ms. Ditty Varghese | Programming in JAVA | Thadomal Shahani Engineering College, Bandra, Mumbai |

**Internships by faculty:**

| Name | Internship letter issued for company | Period of internship |
|---|---|---|
| Ms. Priya Kaul | Sequelstring Pvt. Ltd | 6 months |

# PLACEMENTS
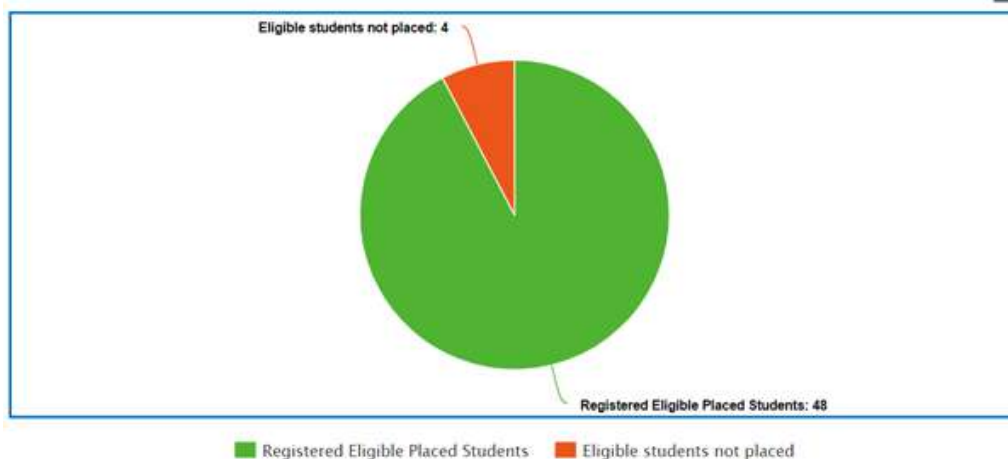


| Total Students No. | Registered for Placements | Eligible Students | Eligible Placed | Non Eligible Students | NonEligible Placed | Total Students Placed | Percentage of Eligible Students Placed % | Unplaced Eligible Students |
|---|---|---|---|---|---|---|---|---|
| 72 | 64 | 48 | 44 | 16 | 6 | 50 | 92 | 4 |

## Internships by Students:

| Name Of Student | Year | Internship letter issued for company | Duration of internship |
|---|---|---|---|
| Yash Bitla | Third Year | Mahindra and Mahindra | 1st Dec 2019- 14th Jan 2020 |
| Pradnya Tendolkar | Second year | C-Edge Technologies Limited(A TCS – SBI Enterprise) | 8th June 2019 – 8th July 2019 |
| Varun Soni | Third Year | Reliance industries ltd | 1st June 2019 – 30th June |
| Manmeet singh Khurana | Third Year | DGM IT of Panjab and Maharashtra Co-op Bank Ltd. | 3rd Jun 2019 – 6th July 2019 |
| Siddhesh Vilas kale | Third Year | Tata Consultancy and services | 36 days |
| Jovin Nicholas | Third Year | Servify | 45 days |
| Hansel Presley Saldanha | Fourth Year | Playtime Media | 1½ months |
| Sean Dcruz | Fourth Year | Leap Beyond | June 2019-July 2019 |
| Elana Alphonso | Fourth Year | Prince Pipes and Fitting pvt. limited | 17th June 2019 – 17th July 2019 |
| Harshada Daund | Third Year | Aditya Birla | 6th December to 6th January 2020 |

# SOCIAL MEDIA AND COVID

Covid – 19 pandemic hit us humans in all streams in the wildest of ways none of us could ever imagine. When social distancing came into picture to set us all apart, social media stepped in to bridge the gap. Technology – especially computer technologies in spectrum spreading from the east to the west was welcomed in all its glory and the world was in a quest for more.

The COVID-19 pandemic has mobilized the world's scientific community like no other recent crisis, including many researchers using the most modern data science and artificial intelligence approaches. At the University of Chicago, public health experts, computer scientists, economists and policy analysts have launched projects using computational tools to better detect, diagnose, treat and prevent the spread of the deadly virus.

The summer of 2020, three of these projects received seed funding from the C3.ai Digital Transformation Institute (DTI), a new partnership of technology companies and universities committed to accelerating the benefits of artificial intelligence for business, government and society. The research attacks the pandemic from several angles: helping policymakers control disease spread by identifying and addressing key social factors, physicians detect the disease at earlier stages, and hospitals decide which patients require admission.

The onset of Covid has definitely made us realize the importance and the value of our stream – Computers more than ever. In this world that is thirsting for more such technologies to bridge up human bonds in all forms – from emotional to physical there is a lot more under the iceberg we have touched to explore and excavate and the joy of this exploration is waiting with wide open arms to embrace us welcome to this bliss. With lockdown and the pandemic setting us- a generation known to be engrossed with social media bonds more than real-life bonds further apart as we have reached a state with no human contact from less human contact, we surely have learnt the value to true

But have we worked in to fill up the gaps in our bonds with fellow humans around us? The rise in the number of suicide cases and sufferers of depression have clearly shown us that there are many who are suffering and are left apart. The least we- the social media enthusiasts can do is care for them with a few texts at least. With times like these when technology is booming as never before, why not we make a move to boom as an individual, as a human... If not save a life on this earth, we definitely can bring a smile  on this earth!!!

Article By
**Kallis Nadar**
**(TE Comps)**

# A bijou note from the co editor

Dear readers,
I hope you enjoyed this edition of our newsletter – a glimpse of a one of a kind roller coaster ride sponsored by a pandemic that shook the world. I would like to take this opportunity to thank everyone whose efforts have made this newsletter what it is. It gives my immense pleasure to introduce our wonderful editorial team …

# Editorial team

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