

Beyond syllabus activity (BSA Report)



IoT Technical Paper Review report

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| Name of Activity | Technical Paper Review |
| Topic | Any topic related to IoT |
| Venue | Online Platform |
| Activity details | Day: 16/03/2022 Date of submission: 18/03/2022 Time: 1 week |
| Description | Students were informed about the activity during the session and asked to refer technical papers related to domain. 2 days duration were given to all students for reading and writing their own views about papers they reviewed. Analysis of response: Number of students attempted: 18 Scores are released after correction and answers were discussed. |
| Number of Student | 18 |
| Expected Outcomes | Students should read various technical paper related to domain, they should be able to read & write their own understanding in the form of review paper. |
| Course Outcome mapping | All |
| Attachments | Report Samples by students |
| Subject Incharge | Prof. Kanchan Dhuri |

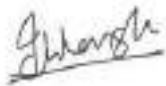


Department of Information Technology

Guest Lecture Report

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| Name of the Speaker | Prof. Nasir Ansari |
| Topic | Introduction to Exploratory data analysis |
| Activity | Guest Lecture |
| Venue | Ms Teams Video Link: https://web.microsoftstream.com/video/c1133ee2-4b42-4f78-87ee-5f5d50c0e6a5 |
| Pos | PO1, PO2, PO3, PO4,PO5 |
| No. of Students Attended | 76 |
| Points Discussed | What is EDA Types of EDA |
| Faculty coordinator | Prof. Ichhanshu Jaiswal |
|  |  |

Prof. Ichhanshu Jaiswal



Faculty Incharge

Prof. Dr Vipul Dalal

Head of the Department

Virtual Tour Report

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| Name of the Institute | Vidyalankar Institute of Technology |
| Activity Title | Virtual Tour- <u>Radiology Department of MIOT International Hospital, Chennai</u> |
| Date Time Venue | 22 nd March 2022 1:00 PM-03:00 PM Radiology Department of MIOT International Hospital, Chennai Virtual Tour Link: https://www.miotinternational.com/facilities-and-resources/facilities/miot-360-virtual-tour-video/ |
| Description | <p>MIOT (Madras Institute of Orthopedics and Traumatology) International is a 1000 bedded super specialty hospital accredited with NABL and NABH.</p> <ol style="list-style-type: none"> 1. The 21 state-of-the-art operation theatres are equipped with the sophisticated technology and instrumentation required to enable surgeons perform the most complex procedures. 2. It offers treatment in 63 specialties. 3. It has the best imaging sciences departments in the country and a state-of-the-art laboratory (ranked 8th internationally). 4. Most recently, the first haplo-identical bone marrow transplant – a revolutionary bone marrow procedure – in India was performed. 5. MIOT International is also a leading centre for orthopaedic research and stem cell research. 6. OTs are completely sterile, as are our state-of-the-art ICUs and HEPA-filtered wards. The hospital is designed with laminar air-flow systems to ensure the flow of fresh air throughout. 7. There are separate entrances for in-patients, out-patients, emergency patients, and between OTs and ICUs in order to minimize infection. <p>Facilities Highlighted in the Virtual Tour</p> <ul style="list-style-type: none"> • Radiology & Imaging Sciences • Nuclear Medicine & PET CT • Digital Cath Lab • MIOT's COVID-Free Green Zone • Physiotherapy • 3D Digital Mammography System • Blood Bank • Laboratory Service • 3T MRI |

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| | <ul style="list-style-type: none">• Critical & Intensive Care• Operation theatre• MIOT 360° Virtual Tour Video |
| Attendance | Faculty Member-Arunkumar Ram Students- 46 out of 52 students in Teams |
| Further scope | Since this was a virtual tour. Actual tour to an Radiology Department is expected in future. |
| Any other related matter | Screenshots of the virtual tour are attached. |



Digital Mammography system – GE Healthcare



Sigma Pioneer 3T MRI Machine




Linear Accelerator - TrueBeam STx Varian
Medical Systems



GE Healthcare Voluson S10 Ultrasound Machine

Activity Report

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| Activity Name: | Webinar on “Gender Sensitization” by Dr. KK Sunitha, LLM, PhD Law Assistant Professor |
| Objective/s of activity: | To make participants aware of Gender Sensitivity and Internal Complaints Committee and general information about Law and Gender Justice |
| Scope: | Target participants are Teaching, Non-teaching staff and students of VIT or any other VDT Institute |
| Activity Details: | Date : 23 April 2022- Time 4.00pm Online MS Teams Link: https://tinyurl.com/2p8awn7y |
| Preparation: | An appointment was taken from Dr. K.K. Sunitha, for conducting the seminar |
| Activity Coordinators | Prof. Suja Jayachandran-Convener WDC & Prof. Geetha Narayanan-Presiding officer ICC |
| Speaker | Dr. K.K. Sunitha, LLM, PhD Law |
| Description of activity: | <p>The concept of gender sensitivity is a way to reduce the barriers caused due to discrimination and gender bias. Creating the right kind of gender-sensitive environment leads to mutual respect regardless of their gender. Gender equality is when people of all genders have equal rights, responsibilities and opportunities. Everyone is affected by gender inequality - women, men, and gender diverse people, children and families. It impacts people of all ages and backgrounds. The activity is focused on Trajectory of Law and Gender Justice</p> <p>The activity started with the participants gathering and introduction of Dr. K.K. Sunitha as a Lawyer with PhD in law. Dr. Sunitha started the session with the various Laws which supports gender justice and Laws for the benefits of Women</p> <p>The first Law in support of women was explained with the help of Rupan Deol Bajaj vs KPS Gill case which is one of the most publicized, high-profile legal cases in India.</p> <p>Then she explained POSH laws by taking the case of Bhanwari Devi, Vishakha and others Vs State of Rajasthan which is also popularly known as which is the reason for the Vishakha Guidelines and POSH act. Dowry Prohibition Act, Indian law and also Protection of Women from Domestic Violence Act. Discussed.</p> <p>Talaq-e-Biddat or Triple Talaq is a form of divorce that was practiced in Islam, whereby a Muslim man could divorce his wife by pronouncing talaq three times and the law prohibiting triple Talaq The Muslim Women (Protection of Rights on Marriage) Act, 2019 was also discussed.</p> <p>The session gained a positive feedback and participants gained a good knowledge of the laws in favour of Gender Justice.</p> <p>The session was ended with a vote of thanks by Prof. Suja Jayachandran</p> |

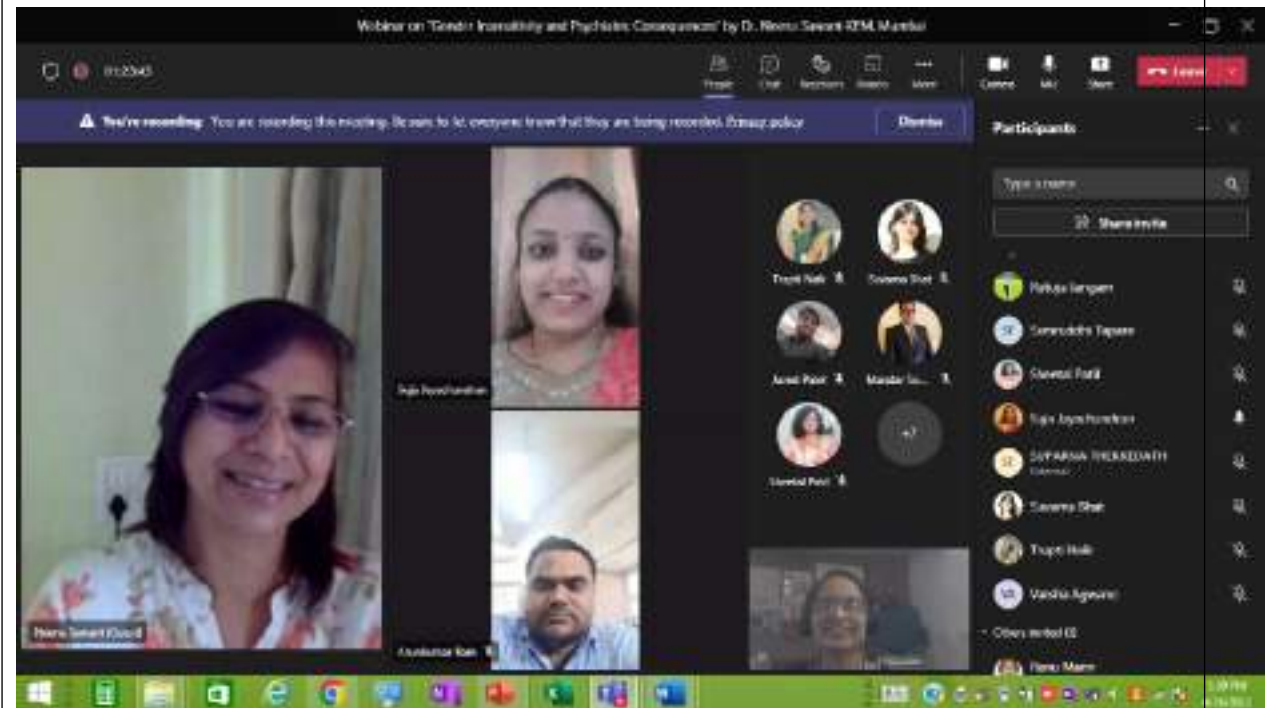
| | | | |
|--|---|--------------|-------|
|  <p>Accredited A+ by NAAC</p> | Women Development Cell & Internal Complaints Committee | | |
| Takeaways: | By conducting such session the faculty and students will get awareness about Gender Justice and the various Laws in Indian Constitution which supports Gender Justice | | |
| Attendees: | No. of Students | No. of Staff | Total |
| | 21 | 18 | 39 |
| Photographs | | | |





Activity Report

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| Activity Name: | Webinar on “Gender Insensitivity and Psychiatric Consequences” by Dr. Neena Sawant, Professor Dept. of Psychiatry, KEM Hospital |
| Objective/s of activity: | To make participants aware of the Gender Sensitivity and Internal Complaints Committee and general information about Psychiatric Consequences of Gender insensitivity |
| Scope: | Target participants are Teaching, Non-teaching staff, and students of VIT or any other VDT Institute |
| Activity Details: | Date : 26 April 2022- Time 4.30pm Online MS Teams Link: https://tinyurl.com/3c3tt2th |
| Preparation: | An appointment was taken from Dr. Neena Sawant, Professor Dept. of Psychiatry, KEM Hospital , for conducting the webinar |
| Activity Coordinators | Prof. Suja Jayachandran-Convener WDC & Prof. Geetha Narayanan-Presiding officer ICC |
| Speaker | Dr. Neena Sawant, Professor Dept. of Psychiatry, KEM Hospital |
| Description of activity: | <p>Gender insensitivity is a major cause of many Psychiatric disorders among people. This concept is the main cause for selecting the topic of the webinar</p> <p>The concept of gender sensitivity is a way to reduce the barriers caused due to discrimination and gender bias. Creating the right kind of gender-sensitive environment leads to mutual respect regardless of their gender.</p> <p>Gender equality is when people of all genders have equal rights, responsibilities, and opportunities. Everyone is affected by gender inequality - women, men, and gender diverse people, children, and families. It impacts people of all ages and backgrounds.</p> <p>The activity started with the participants gathering and introduction of Dr. Neena Sawant, Professor Dept. of Psychiatry, KEM Hospital by Geetha Narayanan.</p> <p>Dr. Neena started the session with the various case of a school classmate of hers who committed suicide due to abuse in school. She focused on the importance of family support in such situations. Dr. Neena had explained examples of situations where children are exposed to gender-based abuses in childhood and are having psychiatric disorders in the later life. Her studies show that often</p> |



Date: 21st December 2021

Alumni Committee proposes an event titled '**IPR Awareness Program**'.
 Details are given below.

Abstract:

VIT Alumni committee propose to organize a webinar on '**IPR Awareness Program**' where Alumni of Biomedical engineering (2013 Batch), Mr.Pratik Sharad Hendre, Examiner of Patents and Designs, Office of Controller General of Patents, Designs and Trade Marks,India is invited to conduct Intellectual Property Right awareness program wherein the students and faculty members would be exposed to different types of Intellectual Property Rights(IPRs) and they would be enlightened and motivated to convert their ideas into innovation and further transformation into IP assets through protection of their IP rights.

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| 1 | Convener of the event | Harish Ojha | . |
| 2 | Title of event | IPR Awareness Program | . |
| 3 | Speakers/Guests (give details) | Mr.Pratik Sharad Hendre, Examiner of Patents and Designs, Office of Controller General of Patents, Designs and Trade Marks,India https://www.linkedin.com/in/pratik-hendre-63572a53/ | . |
| 4 | Target audience with approximate number, outside participants expected ? If yes, give details. | VIT Students and Faculty members | . |
| 5 | Date & Time (give detailed plan on separate sheet for bigger event) | 14 th January 2022. 4:00pm to 5:00pm | . |
| 6 | Venue/Online (with platform) | MS-Team | . |
| | Certificate | E-Certificates will be given to all the participants by Patent office | |
| 7 | Floor i/c for the event | NA | . |
| 8 | Any special requirements | NA | . |
| 9 | Remarks & endorsement by HoD and Convener | Dr.Jitendra Toravi Harish ojha | . |
| 10 | Academic Activity – Approval by CAO | | . |
| 11 | Total expenditure expected (give details on separately) | NA | . |
| 12 | Outside funding, if any, and funding amt | NA | . |
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| | Remarks by COO | | • |
| | Final approval by COO | | • |
| | Forwarded to Director, VDT for budget approval | | |

Expenditure details:-Nil

Details of the Speaker

Mr. Pandurang Tekawad
Respiratory Therapist
P.D. Hinduja Hospital

Speaker is currently working as Respiratory Therapist at P. D. Hinduja Hospital Mahim. He is specialist in handling Ventilator. During Pandemic Situation he really worked like a Covid Warrior. He is a practical person work almost 24 hours in ICU, saving life of the patients.

Title of the Talk : "Engineering aspects of Artificial Ventilation"

Activity details:

Day: Tuesday

Date: 11th October 2021

Time: 2.00-4.00 pm IST

Venue: Online MS Teams

Details about the Content Delivery

The lecture was allied to understand about principle behind artificial ventilation. How mechanical ventilator works. Engineering aspects of mechanical ventilation.

- Non Invasive Ventilation
- Invasive Ventilation
- Components of Ventilator as a Machine
- Modes of Ventilator
 - a. Volume Cycle
 - b. Pressure Cycle
 - c. SIMV
 - d. Spontaneous.
- Is ventilator life saving or life support?
- Importance of Ventilator in Covid Situation.
- **Link**
-https://viteduin59337.sharepoint.com/:v:/r/sites/BIOM_5_BMI-I_JitendraToravi/Shared%20Documents/General/Recordings/BMI-%20ILAB-20211011_130412-Meeting%20Recording%201.mp4?csf=1&web=1&e=CihHW1

Relevant Course Outcomes : Students will be able to understand Basic working principles of mechanical ventilation. Engineering aspects of artificial ventilation. Basic types of ventilator, Invasive and Non Invasive ventilators. Basic modes of Ventilator. Most imp- how ventilation therapy had worked during Covid situation.

No of students Attended: 36

Dr. Jitendra Toravi

Department of Information Technology

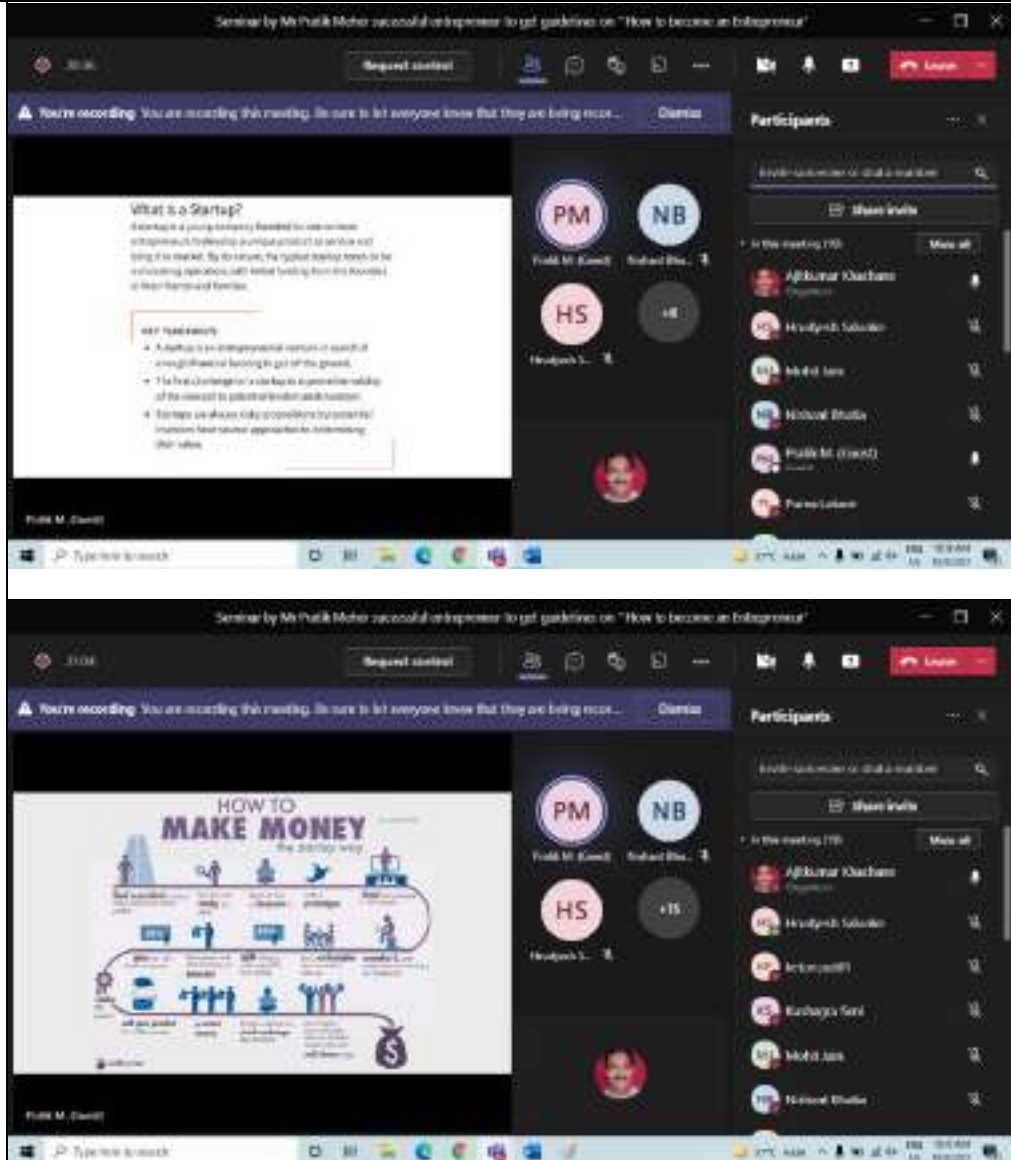
IQAC-Department initiative for ODD Sem_2021-22

| | |
|----------------------------|---|
| Title: | Seminar on on “ How to become successful Entrepreneur ” |
| Objective: | The objective of conducting the Seminar is to make students aware and explore various security aspects and get trained or solve their queries from the expert who will be conducting the session. Guest speaker will also be sharing his own experiences while setting his start up. Finally, at the end of the session students can put forward any questions or doubts related to starting new start up and also get an exposure on what the industry needs from the Technical graduates. |
| Activity Date: | 08 th October 2021 |
| Time & Venue: | 10.30am to 12.00am, MS TEAMS |
| Conducted By: | Mr Pratik Meher, Cofounder of Sakura Biotech. |
| Contents: | <ul style="list-style-type: none"> ❖ Event Details ❖ Faculties Involved ❖ Target Audience ❖ Event Summary ❖ Event Glimpse ❖ Event Feedback |
| Event Details: | <ul style="list-style-type: none"> ❖ <u>Date:</u> 08th October 2021 ❖ <u>Venue:</u> MS Teams ❖ <u>Time:</u> 10.30am to 12.00am ❖ <u>Target Audience:</u> Students of BE ❖ <u>Faculties Involved:</u> 1 Faculty |
| Faculties Involved: | <ul style="list-style-type: none"> ❖ Prof Ajitkumar Khachane |
| Student Strength | 36 |

Event Summary:

The Event begin with the Introduction to the Guest speaker. The session was handed over to the guest speaker for conducting the event. The event was completely deliberated in the Industrial aspect view where many industry related projects were explained and also discussed. Various doubts and questions were asked by students and guided by speaker on how to choose this domain as career perspective. Students enjoyed the session, and the feedback form was shared at the end of the session which received the positive response from the students.

Event Glimpse:



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Event Feedback:

The following are the analysis retrieved from feedback form floated for participants:
CLASS:

Feedback for how to become successful entrepreneur by Mr Pratik Meher

A summary dashboard for the feedback form. It features three main metrics: 14 Responses, an average completion time of 05:27, and an Active status. Below these metrics are two buttons: 'View results' and 'Open in Excel'.

1. Name

14 Responses

Latest Responses
"Shubham Bagwe"
"Shrividya Rao"
"Darshan Sahadev Gawade"

2. Roll No

14 Responses

Latest Responses
"1810180066"
"1810180033"
"18101A0002"

3. Class

BI

14



4. Division

[More Details](#)



5. Rate the Oratorship of the speaker

[More Details](#)

14
Responses



6. Rate the content of the speaker

[More Details](#)

14
Responses



[More Details](#)



8. If no, tell us your expectations for the next lectures

[More Details](#)

0
Responses

Latest Responses

9. Rate how much will you be benefitted by the lecture

[More Details](#)

14
Responses



10. Rate the Q N A session

[More Details](#)

14



9. Rate how much will you be benefitted by the lecture

[More Details](#)

14

Responses



4.43 Average Rating

10. Rate the Q N A session

[More Details](#)

14

Responses



4.21 Average Rating

11. Suggestion if any:

[More Details](#)

0

Responses

Latest Responses

Prepared By:

Prof Ajitkumar Khachane

Signature

A handwritten signature in blue ink on a purple background. The signature is cursive and appears to be 'P. A. S.' or similar, written over a horizontal line.

| | |
|---------------------------|--|
| Title: | Expert Talk on "How to read and Write Technical Paper |
| Objective: | <p>A technical paper is a document that describes the process, progress, or results of technical or scientific research or the state of a technical or scientific research problem or a project work. It might also include recommendations and conclusions of the research. Writing a technical paper for submission to a Symposium can be a daunting task for students, especially if they are not accustomed to doing this sort of writing. There are two important things to understand when submitting a paper for acceptance at a conference or a reputed Journal, (1) technical content, and (2) how well, the author expresses his/her ideas in a clear manner. The objective of conducting this expert talk is to:</p> <ul style="list-style-type: none"> • Guide students on how to do survey of technical papers and introduce various sections in technical paper. • Guide them about some do's and don'ts when writing a technical paper for submission to a conference/Journal. • Make aware about importance of writing technical paper on their project work. |
| Activity Date: | 10 th August 2021 |
| Time & Venue: | 3.15 pm to 4.15pm, MS TEAMS |
| Conducted By: | Dr. Dhananjay Patel, Associate Professor, EXTC Dept; of VIT |
| Contents: | <ul style="list-style-type: none"> ❖ Event Details ❖ Faculties Involved ❖ Target Audience ❖ Event Summary ❖ Event Glimpse ❖ Event Feedback |
| Event Details: | <ul style="list-style-type: none"> ❖ <u>Date:</u> 10th August 2021 ❖ <u>Venue:</u> MS Teams ❖ <u>Time:</u> 3.15pm to 4.15pm ❖ <u>Target Audience:</u> Students of BE & TE INFT ❖ <u>Faculties Involved:</u> 3 Faculties |
| Faculties Involve: | <ul style="list-style-type: none"> ❖ Prof Kanchan Dhuri ❖ Prof Vidya Chitre ❖ Prof. Harshali Rambade |
| Student Strength | <p>Total BE Student: 60</p> <p>Total TE Student: 12</p> |

Event Summary:

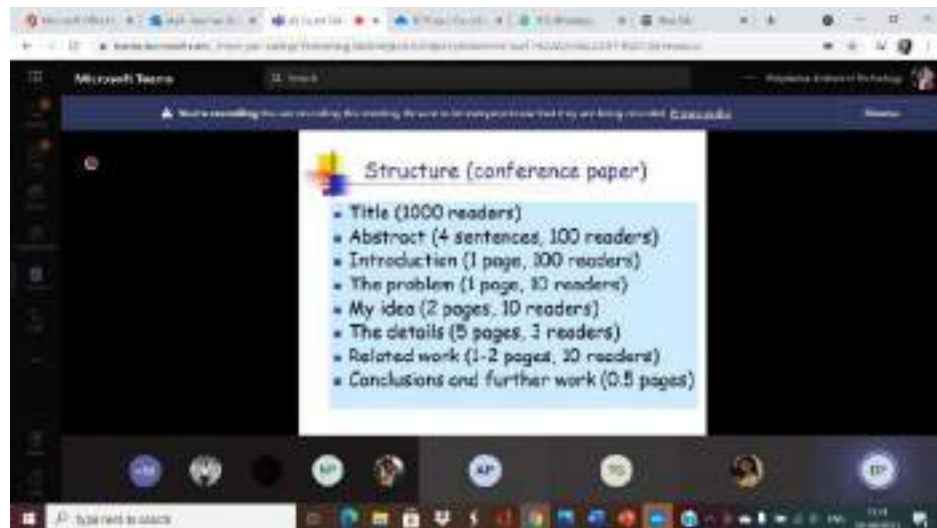
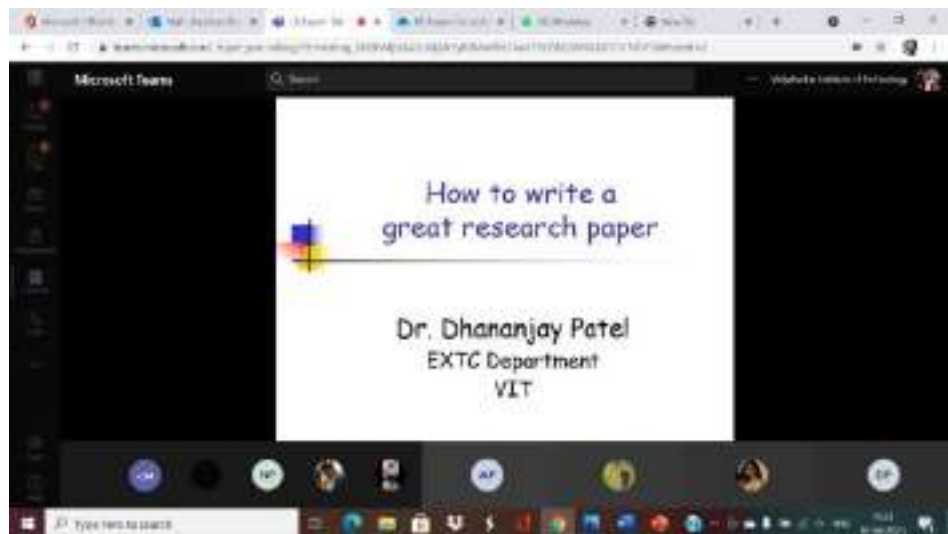
The Event begin with the Introduction to the Guest speaker. The session was handed over to the guest speaker for conducting the event. Speaker has started with short introduction about research paper, after that he had explained how to write a great technical paper and how to read papers.

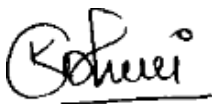


Speaker also explained about the structure of Journal and conference paper and its specification with relevant example. Each section he explained in detail. He made students aware about impact of paper publication for higher studies.

At the end he solved all queries came from students.

The session was very informative. It was ended with vote of thanks to the speaker.

Event Glimpse:



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| Event Feedback: | <p>The following is the analysis retrieved from feedback form floated for participants:</p> <p>Relevance of the contents: 4.37/5 Presentation skill of the speaker: 4.34/5 speaker answered the questions well, giving concise and informative replies: 4.34/5 Objective of the event fulfilled: 4.26/5 Rating Overall rating of the program: 4.26/5</p> | | | |
| Prepared By: | Kanchan Dhuri | | | |
| Signature |  Kanchan Dhuri BE Project Co-Ordinator |  Vidya Chitre Dept. Project Co-Ordinator |  Dr. Vipul Dalal HOD | |

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|---------------------------------|--|
| Activity Name | EVENT REPORT : HANDS-ON WORKSHOP FOR DATA SCIENCE – STOCK MARKET PREDICTION |
| Orientation conducted on | Microsoft Teams |
| Date and Time | 21 st & 22 nd March 5:00 pm to 6:30 pm |
| Targeted Audience | FE, SE, TE & BE |
| Activity Organized by | Association of Computing Machinery |
| Activity Conducted by | Students of Association of Computing Machinery |
| Meeting Link | Day 1 link - https://teams.microsoft.com/l/meetup-join/19%3a-zYnOfJTKoarjS-7UP9CnzqWK1sXPyPcJruUPh9su2M1%40thread.tacv2/1647606657592?context=%7b%22Tid%22%3a%22c7b00d7f-ad99-442a-b12f-c2c912044fdc%22%2c%22Oid%22%3a%2204e5e52e-3b30-4b0f-babe-89a99fce062f%22%7d Day 2 link - https://teams.microsoft.com/l/message/19:-zYnOfJTKoarjS-7UP9CnzqWK1sXPyPcJruUPh9su2M1@thread.tacv2/1647929785412?groupId=552407b9-4705-49f5-b01d-8ec2469e75cf |