



**3.2.2 Reports of workshops/seminars  
conducted on Industry-Academia  
Innovative practices during the last five  
years**

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*Agnel Charities'*

**Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai.**

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**Academic Year: 2018-19**

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Fr. C. Rodrigues Institute of Technology, Vashi, Navi-Mumbai  
Department of Computer Engineering

**Brief Activity/Event Report**

Name of the activity/Event: Expert Lecture

Nature of Participants: AY 2018-2019

Number of expert lectures:19

Objective: To bridge the gap between syllabus and recent trends in Engineering & Technology, the concept of content beyond syllabus is introduced. Guest/Expert lectures on advanced technologies are conducted for students.

Total 19 expert lectures delivered in year 2018-2019.Details are attached with this report

*Nata*

H.O.D  
Department of Computer Engineering



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Department of Computer Engineering

SR.NO.	TITLE	EXPERT NAME	NAME OF ORGANIZATION	DATE	SEM	NO. OF STUDENTS
1	Human Machine Interaction	Mr Nitin Gaurav	MAJESCO	19/01/2019	VIII	42
2	Bigdata Analytics	Ms Niharika J	TCS	19/01/2019	VIII	32
3	Agile Methods	Mr Rahul Kothari	TCS	22/01/2019	VI	66
4	Overview Of Algorithms	Mr Heet Palod	XORiant	02/02/2019	IV	51
5	Blockchain In Os	Mr Swapnil Shinde	TCS	02/02/2019	IV	27
6	System Security	Mr Karan Balkar	L&T	08/02/2019	VI	70
7	Image Segmentation	Mr Saurabh Shigwan	IITB	11/02/2019	VIII	25
8	Data Warehousing And Mining	Ms K V Maitreyi	XORiant	15/02/2019	VI	64
9	Parallel Algorithms	Mr Heet Palod	IITB	26/03/2019	VIII	55
10	Unnamed Aerial Vehicle	Mr Mubashir Pawale	EIOSYS PVT	29/03/2019	IV	65
11	Cyber Security	Ms Sunidha Chaudhari Ms Ancy Libin	TCS MUMBAI	12/07/18	VII	58
12	PI-Sql And Nosql	Mr Ankit Pandey	TCS, MUMBAI	18/08/18	V	55
13	Importance Of Data Structures	Ms Niharika J	TCS, MUMBAI	18/08/18	III	71
14	Jdbc Connectivity	Mr Ankit Pandey	TCS, MUMBAI	21/08/18	III	41
15	Reinforcement Learning	Ms Shilpa Karkeraa	MYRA TECHNOLOGIES, KHARGAR	31/08/18	VII	55
16	Application Of Algorithm In Programming	Mr Heet Palod	XORiant	01/09/18	V	51
17	Circuit Networks And Microprocessor Industry Applications	Mr Ankit Virdi	PANASONIC PVT LTM, THANE	05/09/18	V	61
18	Logic Families	Mr Surendra Babu	AIR INDIA, MUMBAI	07/09/18	III	68
19	Networking In Industry	Mr Pravin Tiwari	CLOUD GANGA TECHNOLOGIES PVT LTD	28/09/18	V	28





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## Brief Activity/Event Report

2018- 2019

1. **Name of the Activity/Event** : Departmental Seminar
2. **Activity/Event Venue & Date** : Agnel Computer Engineering Students Symposium(ACCESS'2018), 1<sup>st</sup> Floor Seminar Hall New building, Agnel Technical Complex, 4/8/18
3. **Nature of Participants** : Students of Computer Engineering
4. **Number of Participants** : 219
5. **Student Coordinator** : Ms. Ankita Shinde
6. **Staff Coordinator** : Ms. Shweta Tripathi
7. **Brief Summary of the Activity/Event (in maximum 500 words):**
  - a) **Objectives** :
    - Exposure with Industrial Professionals to groom a career path.
    - Unifying Technical Reviews with the Recent Technologies.
    - Inducing and Inculcating Leadership Qualities.
    - Accessibility for Campus Placements.
  - b) **Technical Description** : Seminars on following topics were conducted in the during the symposium
    - **Topic 1: Knowing Cyber Breaches and Laws Against them**  
Highlights of the seminar: The first session was conducted by the chief guest Vicky Shah, who is an advocate of Cyber Law. He works at The Eagle Eye which is a cyber security consulting firm. He has also imparted Cyber Crime Investigation training to Police Officers. He spoke about Cyber Security, the cyber security breaches that are possible today and about legal remedy concerning such breaches. Taking the Aadhar frauds as an example, he spoke in detail about the technical details and legal complications involved. The students were captivated by the real life happenings he chose to speak on- a small scale Airtel Scam, an online banking glitch that was exploited by a group, were a few of such examples.
    - **Topic 2: Block Chain and Virtual Reality**  
The second session was conducted by Ms. Shilpa Karkera who is the successful CEO of Myraa Technologies. She spoke on Blockchain technology and Virtual Reality. The students were naturally interested in these trending topics. At the end of the session, Ms. Shilpa graciously



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offered internships with Myraa Technologies to the students.

- Topic 3 :Designing for an Eco Conscious Future

The third session was conducted by Mr. Shashwath Bolar, who heads the Color, Trim & Design section of Bajaj Auto Ltd. He is an automotive designer who has worked in Australia, UK and Japan. He focused on designing for an eco-conscious future. Mr. Shashwath shared a couple of his designs models for electric cars and trucks for Tata Motors, UK. He explained the designs and their significance. The students were very eager to know more about the design

## c) Outcomes :

- Students got internship opportunity
- The students were made aware on the legal aspect of computer technologies.
- Students took up project on cyber security and blockchain technologies

## d) Activity / Event Photograph :





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### Brief Activity/Event Report

8. **Name of the Activity/Event** : Departmental Seminar
9. **Activity/Event Venue & Date** : Agnel Computer Engineering Students Symposium (ACCESS'2018), 1<sup>st</sup> Floor Seminar Hall New building, Agnel Technical Complex, 28/2/19
10. **Nature of Participants** : Students of Computer Engineering
11. **Number of Participants** : 81
12. **Student Coordinator** : Ms. Ankita Shinde
13. **Staff Coordinator** : Ms. Shweta Tripathi
14. **Brief Summary of the Activity/Event (in maximum 500 words):**

e) **Objectives** :

- Exposure with Industrial Professionals to groom a career path.
- Unifying Technical Reviews with the Recent Technologies.
- Inducing and Inculcating Leadership Qualities.
- Accessibility for Campus Placements.

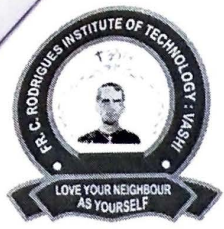
f) **Technical Description** : Seminars on following topics were conducted in the during the symposium

• **Topic 1: UI/UX Design**

The first speaker for the day was Miss Ayesha Patel, who is a leading UX/UI designer and works as a designing consultant for several firms. She had pursued a degree in Journalism and Mass Media. She decided to become a graphic designer whilst working at AIESEC. She verbalized on the importance of user experience, stating that in a world driven by smartphones and applications, the interface should be modelled such that it is visually appealing and user friendly. She recapitulated the importance of UI by comparing several leading Software brands in the market and their applications, specifically, why they enjoy more success as opposed to their peers. She divulged her key to success, the principle of 4 D's- Discover, Define, Develop and Deliver.

• **Topic 2: Professional Ethics**

Miss. Radhika Kandhari spoke extensively on the topic of Personal Ethics. Personal ethics is essentially a set of moral principles that govern the



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the conduct of the person involved in each case was justifiable or not.

**g) Outcomes :**

- Students got internship opportunity
- The students were made aware on the legal aspect of computer technologies.
- Students took up project on cyber security and blockchain technologies

**h) Activity / Event Photograph :**



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Staff Coordinator

*Kata*

H.O.D.





### Brief Activity/Event Report

1. Name of the Activity/Event: Expert lecture 2018-19

2. Number of Participants: 985

3. Objectives:

- I. To provide exposure to the students about latest technological advancements in each course.
- II. To expose students to the requirements of industry in different domains.
- III. To Understand the role of engineers for societal benefit.

4. Brief Summary of the Activity/Event (in maximum 500 words):

#### 2018-2019

Activity/Event Venue & Date	Nature of Participants	Number of Participants	Expert Lecturer	Technical description
16/07/18	Students of Sem III	57	Mr. Saurabh Srivastava Lead Engineer – COWI India Ltd.- Chennai	Sustainability in Buildings
17/07/18	Students of Sem V	45	Mr. Karan Tupe Digital Marketing Executive, Batvoice Technologies, Paris	Communication Skills, Employability and Work Ethics Needed in Western Nations For Engineering Students
21/07/18	Students of Sem III	58	Mr. Dnyaneshwar M. Sonawane Assistant Manager (Corporate SCM and LMC), L&T Ltd.	Supply Chain Management and Logistics
31/08/18	Students of Sem V	60	Mr. Thomson Rodrigues Inspection Engineer, Mec Elec Industrial Services Pvt. Ltd.	Inspection and Safety, the other side of Mechanical Engineering
1/09/18	Students of Sem III	50	Mr. Chandan Mulherkar Senior Resercher, Centre for Environmental and Research Education India- Mumbai.	Sustainability of Materials



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Department of Mechanical Engineering

1/09/18	Students of Sem V	35	Mr. Alok Pashankar Senior Consultant Infosys Ltd. Pune.	Supply Chain Management and Enterprise Resource Planning
7/09/18	Students of Sem VII	54	Mr. Sujoy Lucas Quality Analyst- US Regulations, Tata Consultancy Services.	Scope of Mechanical Engineering in IT industry
26/09/18	Students of Sem III	56	Mr. Shaunak Phansalkar GT,AIRCON Airconditioning	Role of Mechanical Engineers in building sustainable systems
29/09/18	Students of Sem III	32	Mr. Hardeep Singh Kakad Petrofac Engineering India Pvt. Ltd.,Powai	Process Procedure for Refineries
29/09/18	Students of Sem V	51	Aditi Bhagwat Petrofac Engineering India Pvt. Ltd.,Powai	Plant Layout for Refineries
19/1/2019	Students of Sem VI	48	Mr. Nitin Gurav Deputy Manager, User Experience Design, Majesco, Navi Mumbai.	Design and Beyond!
25/1/2019	Students of Sem VIII	56	Mr. Slyden Rodrigues Trainee Engineer, Lance Engineering Work	Production Planning and Management in an Industry
2/2/2019	Students of Sem IV	62	Mr. Tayyali Chaugule Design Engineer, Jacobs Engineering	Bernoulli's equation and it's industrial applications in flow measurement
2/2/2019	Students of Sem IV	59	Mr. Akash Anandrao Software Developer, INGRAM Micro Mumbai	Importance of database management in business organization
2/2/2019	Students of Sem VIII	17	Mr. Shaunak Phansalkar	Renewable Energy Sources



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15/03/2019	Students of Sem VIII	51	Mr. Avinash Renuke Researcher, University of Genova	Industrial and Academic Career Opportunities and Higher Studies in Abroad
8/3/2019	Students of Sem IV	53	Mr. Thomson Rodrigues Inspection Engineer, Mec Elec Industrial Services Pvt. Ltd.	Inspection and safety, the other side of Mechanical Engineering
16/2/2019	Students of Sem VIII	14	Mr. Ramchandra Bhosale IIT, Bombay	Electric Vehicle
22/2/2019	Students of Sem VIII	20	Mr. Royston DaCosta Sr. Engineer-Engineering Customer Projects, Mubea Automotive Components India Pvt. Ltd.	Industrial Automation
27/03/2019	Students of Sem IV	65	Mr. Joel Nedungatt Automation Engineer Selec Controls Pvt. Ltd.	Product Design and Industrial Automation
29/03/2019	Students of Sem VI and VIII	42	Mr. Bhavesh Mehta Committee Member, ISHRAE Mumbai Chapter	BEE Star Ratings
Total		985		

Head, Mechanical Engineering Department





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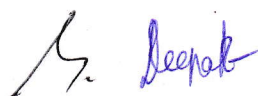
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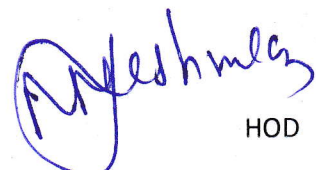
### Brief Activity/Event Report

1. Name of the Activity/Event : Synergy 2018
2. Activity/Event Venue & Date : Seminar hall 4<sup>th</sup> floor (Diploma side), 27<sup>th</sup> September 2018
3. Nature of Participants : Students of Mechanical Engineering / faculty of Mechanical Engineering department
4. Number of Participants : 220 students+ 21 Faculty
5. Student Coordinator : Anmol Rane (sem 5), Ankit Singh (sem 3)
6. Staff Coordinator : Deepak D. and Suvarna Rode
7. Brief Summary of the Activity/Event (in maximum 500 words):
  - a. Objectives : To bridge the gap between the industry and the institute and to make students aware of current industrial practices.
  - b. Technical Description :

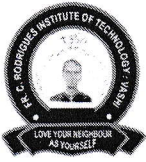
Mr. Sandeep Dorle (GM, Manufacturing Engineering) and Mr. Santosh Kumar Jena (Head, Plant Engineering Department), from **Mahindra & Mahindra, Mumbai**, were the keynote speakers who graced us with their presence and shared their valuable knowledge and experience with students.

    - 1) Mr. Sandeep Dorle, delivered a seminar on the topic of **“manufacturing plant activities”**. This seminar session provided an insight of various activities in a manufacturing plant. Advanced machining operations were discussed.
    - 2) Mr. Santosh Kumar Jena, interacted with students on the topic of **“Product Design and various manufacturing techniques”**. A brief knowledge of machine design and opportunities were shared with students. The speaker also dealt with, cost optimization, business challenged, etc.
  - c. Outcomes : Students were able to
    - 1) Understand advanced manufacturing processes.
    - 2) Get aware about machine design applications in industry.
    - 3) Get knowledge of current growth of overall mechanical industry and the possible challenges.
  - d. Summary of Feedback : 4.2/5
  - e. Action to be taken based on Feedback: arranging seminars which are more interactive.

  
Staff Coordinator

  
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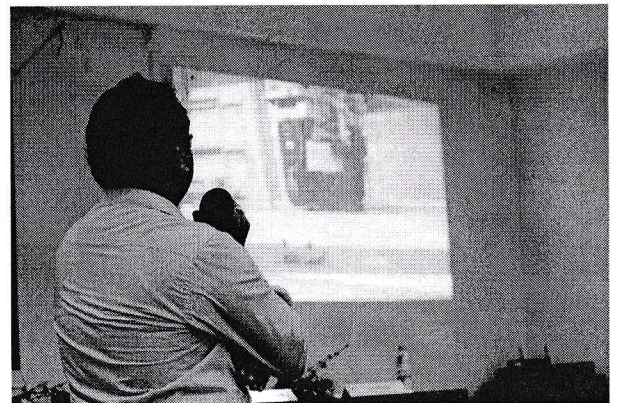
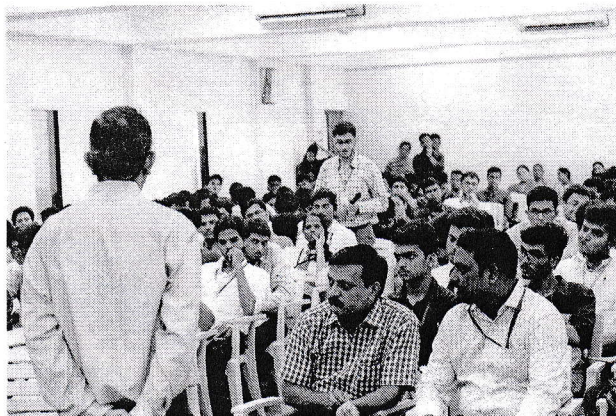
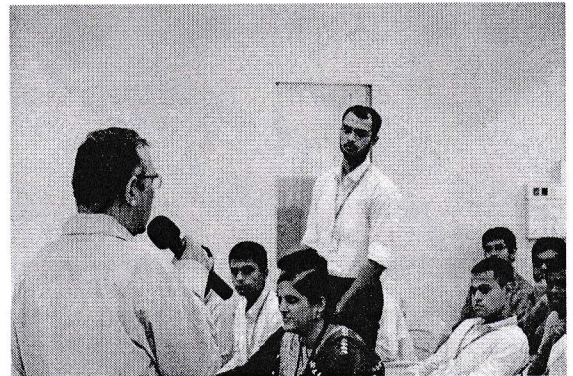
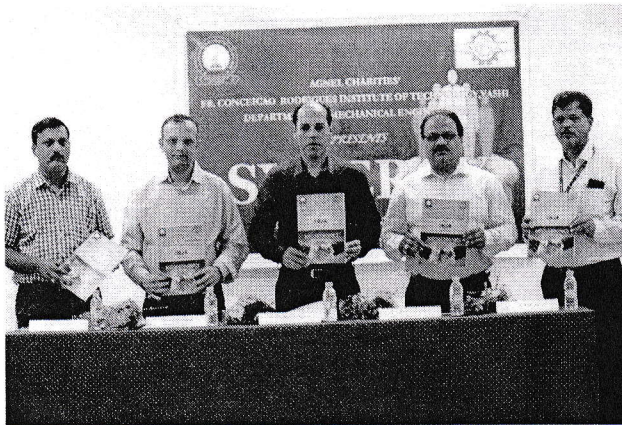
## Department of Mechanical Engineering

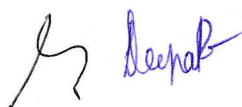
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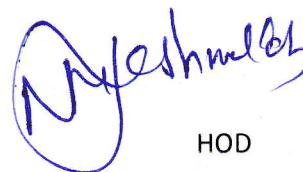
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### 8. Activity / Event Photograph :



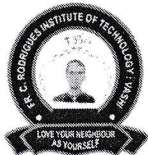


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### Brief Activity/Event Report

1. Name of the Activity/Event : MESH 2019
2. Activity/Event Venue & Date : AX-111, AX-109 and AX-107 on 2<sup>nd</sup> March, 2019,
3. Nature of Participants : Students of Mechanical Engineering / faculty of Mechanical Engineering department
4. Number of Participants : 150 students+ 24 Faculty
5. Student Coordinator : Ankit Singh (sem 5), Chinmay Desai (sem 3)
6. Staff Coordinator : Suvarna Rode and Kamlesh Sasane.
7. Brief Summary of the Activity/Event (in maximum 500 words):
  - a. Objectives : To promote interaction between academia and to make students aware of current developments in Mechanical field.
  - b. Technical Description :

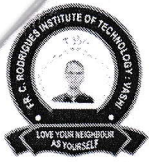
The guest speakers who graced the occasion by their esteemed presence were:

    1. Dr. K. P. Karunakaran (Professor, Mechanical Dept., Indian Institute of Technology Bombay, Mumbai). The topic of seminar was "Helicopters without Tail", for Semester IV students.
    2. Dr. S. Gopalakrishnan (Assistant Professor, Mechanical Dept., Indian Institute of Technology Bombay, Mumbai). The topic of seminar was "Introduction to Computational Science", for Semester VI students.
    3. Dr. Sreedhara Sheshadri (Professor, Mechanical Dept., Indian Institute of Technology Bombay, Mumbai). The topic of seminar was "Combustion in Gas Turbine Engine", for Semester VIII students.
  - c. Outcomes : Students were able to to learn about
    1. Recent trends in aerospace industry.
    2. Importance of Computational science in mechanical engineering field.
    3. Concept of combustion and combustion stages in Gas turbine engine.
  - d. Summary of Feedback : Sem -III -3.5/5, SemV-3.7/5 and Sem-VII-3.4/5
  - e. Action to be Taken based on Feedback: in next cycle time allotted to the speaker should be extended.

  
Staff Coordinator

  
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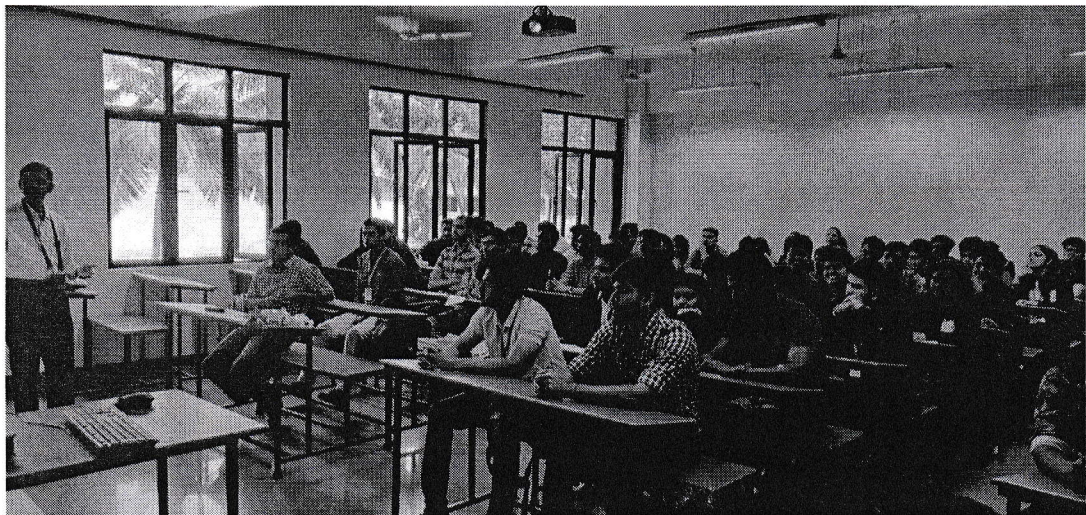
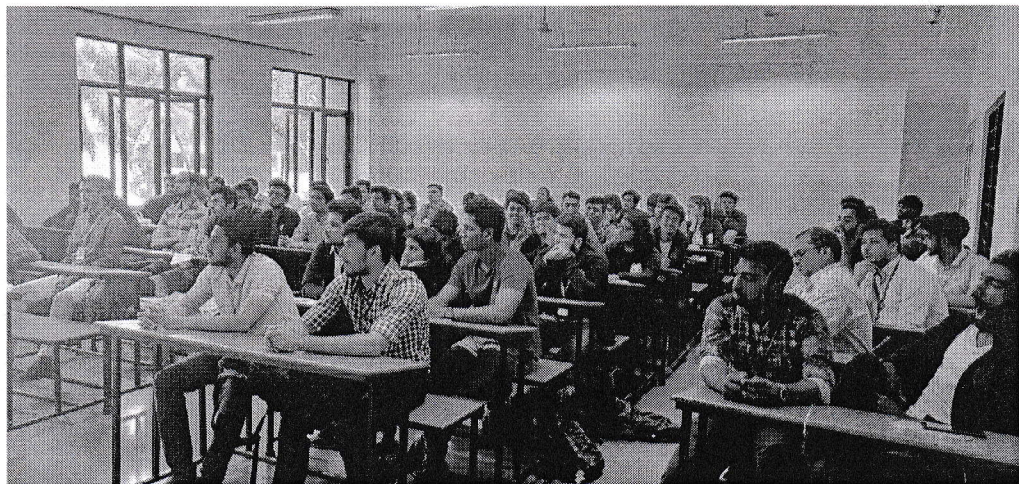
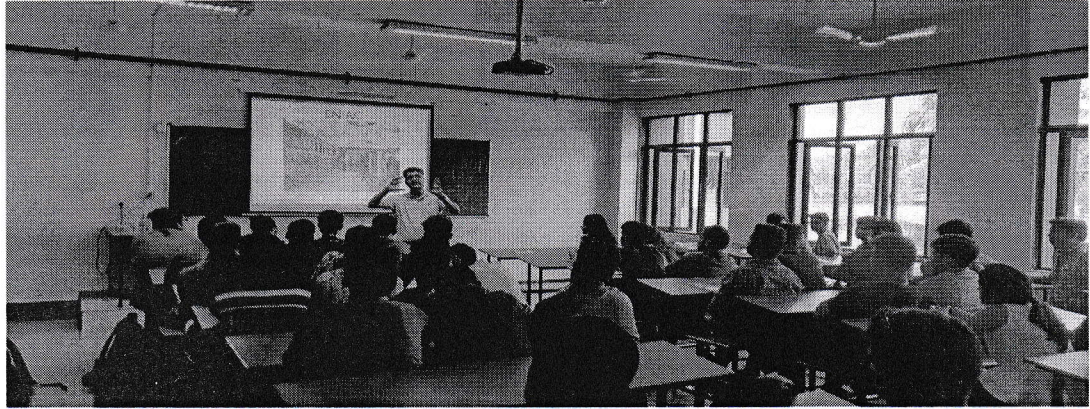
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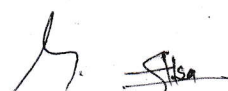
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### 8. Activity / Event Photograph :



  
Staff Coordinator

  
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Department of Electronics & Telecommunication Engineering

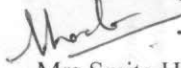
## Brief Activity/Event Report


1. Name of the Activity/Event : Guest Lecture by Alumni
2. Activity/Event Academic Year : 2018-19

Sr. No.	TOPIC	Staff Coordinator	CLASS
1	Talk provided exposure to students to Machine Learning and practical applications in public safety	Megha Kolhekar	VI SEM
2	Nikhil spoke about various options for higher studies and career in general.	Megha Kolhekar	VI SEM
3	CAN: Protocol Introduction, 65 students	Anita Jadhav	VI SEM
4	Topic: Network Vulnerability and Wireshark Demonstration	Megha Kolhekar	V SEM
5	Introduction to Wireless Sensor Networks and it's applications in Industry. 80 Students attended.	Jatin Sanjay Desai	III SEM
6	Topic: Clippers and it's applications	Ms. Manita Rajput	III SEM
7	Expert talk for sem3 for a Circuits and Network subject(ECC204) on " Circuits Fundamentals and Industry Requirements "	YOGESH NARAYAN Chandurkar	III SEM
8	Applications of Optical Networks, 60 students attended	Amruta Pabarekar	VII SEM
9	Lecture was on 'Machine Learning'	Smita S Hande	VII SEM

3. Nature of Participants : Students of 2<sup>nd</sup>, 3<sup>rd</sup> and final year Electronics and Telecommunication Engineering
4. Brief Summary of the Activity/Event (in maximum 500 words):

Objectives : Every year lectures by Alumni of our department are invited to give an expert lecture on any suitable topic. These lectures are arranged by the subject teachers during the lecture. The objective is to increase the interaction between the Alumni and current students. This activity also helps in providing the guidance in technical topics or in the initial stages for higher studies abroad and choosing the right career after BE. How they can prepare for competitive exams and do the necessary preparations for meeting those requirements for higher studies.

  
Mrs Smita Hande  
Staff Coordinator

  
Dr. Milind Shah  
Prof and Head



**Agnel Charities'**  
**Fr. C. Rodrigues Institute of Technology, Vashi, Navi-Mumbai**  
**Electronics & Telecommunication Engineering Department**

**Guest Lectures by Alumni SH 18-FH 2019**

Name of Teacher In charge for conducting Guest Lecture	Guest Lecture for	Lecture Date	Time Duration	Guest Lecture conducted by	Name of the Guest Lecturer	Designation	Email	Mobile	Remarks, if any	Semester
Megha Kolhekar	TE EXTC	3/20/2019	1:10:00	Alumni	Mr. Saurav Panda	CEO ScrapeNext Technologies	sauravgopinathpanda@gmail.com	9167388937	Talk provided exposure to students to Machine Learning and practical applications in public safety	VI SEM
Megha Kolhekar	TE EXTC	1/16/2019	1:00:00	Alumni	Mr. Nikhil Nair	Student at Stevens Institute of Technology	nikhilsoorej@gmail.com		Nikhil spoke about various options for higher studies and career in general.	VI SEM
Anita Jadhav	TE EXTC	3/7/2019	1:00:00	Alumni	Vijayendra Kolhekar	System Engineer		9594973356	CAN: Protocol Introduction, 65 students	VI SEM
Megha Kolhekar	TE EXTC	8/1/2018	2:00:00	Alumni	Vijayendra Kolhekar	CDAC, Hyderabad	vkolhekar@gmail.com	9594973356	Topic: Network Vulnerability and Wireshark Demonstration	V SEM
Jatin Sanjay Desai	SE EXTC	9/29/2018	1:15:00	Alumni	Mr. Rahul Hande	Associate Embedded Developer			Introduction to Wireless Sensor Networks and it's applications in Industry. 80 Students attended.	III SEM
Ms. Manita Rajput	SE EXTC	8/31/2018	1:00:00	Alumni	Mr. Saurav Panda	Free-Lancer	saurav_p@gmail.com	9167388937	Topic: Clippers and it's applications	III SEM
YOGESH NARAYAN Chandurkar	SE EXTC	9/5/2018	1:00:00	Alumni	Mr. Ankit Viridi	Senior Engineer Electronics Architect-R&D	ankit.virdi@ancor-world.com	9730657334	Expert talk for sem3 for a Circuits and Network subject(ECC204) on " Circuits Fundamentals and Industry Requirements "	III SEM
Amruta Pabarekar	BE EXTC	8/1/2018	1:00:00	Alumni	Monika B	Alumni	amruta.pabarekar@fcrit.ac.in	9987771680	Applications of Optical Networks, 60 students attended	VII SEM
Smita S Hande	BE EXTC	7/20/2018	1:00:00	Alumni	Mr. Saurav Panda	Free Lancer	panda@gmail.com	9167388937	Lecture was on 'Machine Learning'	VII SEM

*Manita*

Mrs Smita Hande  
Staff Coordinator

*SE*  
Dr. Milind Shah  
Prof and Head

**A Report on the “LOOPS-2019”**

This years “LOOPS-2019” programme of Electronics & Telecommunication Engineering Department & ISF was conducted on 02<sup>nd</sup> March 2019 from 9.00 am to 12.00 pm in Class Room AX309, New Building, Fr. CRIT, Vashi. Total 70 students (SE/TE/BE) registered for the LOOPS, around 12 teaching faculty members, 4 lab assistants, 2 guest, and student volunteers attended the programme consisting of following technical lectures:

<b>Program Schedule</b>			
<b>Time</b>	<b>Activity</b>	<b>Speaker</b>	<b>Title</b>
<b>8.45 Hrs</b>	<b>Registration</b>		
<b>9.00 Hrs</b>	<b>Lecture - 1</b>	<b>Ms. Shrutika Koli Research Associate Johnson and Johnson, Mumbai.</b>	<b>Intellectual Property Rights (IPR)</b>
<b>10.30 Hrs</b>	<b>Tea / Snack</b>		
<b>11.00 Hrs- 12.00Hrs</b>	<b>Lecture - 2</b>	<b>Dr. B Satyanarayana Scientific Officer (H), Tata Institute of Fundamental Research, Mumbai</b>	<b>Discoveries in the most basic science incubate inventions of highest technologies</b>
<b>12.00 Hrs</b>	<b>End of the Program</b>		

Both the lectures were very well appreciated by the students and teachers. Ms. Shrutika Koli, Research Associate from Johnson and Johnson, Mumbai delivered a lecture on Intellectual Property Rights (IPR) importance, types and Patents.

Dr. B Satyanarayana Scientific Officer (H) from Tata Institute of Fundamental Research, Mumbai discussed on Discoveries in the most basic science incubate inventions of highest technologies.

Fr. C. Rodrigues Institute of Technology, Vashi  
Department of Electronics & Telecommunication Engineering  
**A Report on the “LOOPS-2019”**

Some of the event photographs are as follows:



The LOOPS-2019 programme ended at 12.00 pm with a vote of thanks to one and all.

A small image of a handwritten signature in blue ink, which reads 'Smita Hande'.

Ms. Smita Hande  
(Convener, LOOPS-2019)



**Fr. C. Rodrigues Institute of Technology**  
**Department of Electronics & Telecommunication Engineering**

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## IETE-ETSA Students' Forum

### Brief Activity/Event Report

1. Name of the Activity/Event : MICRO 2K18
2. Activity/Event Venue & Date : One day lecture series by industry experts. 4<sup>th</sup> floor Seminar hall Main Building. (21<sup>st</sup> July 2018)
3. Nature of Participants : Students of SE/TE/BE Staff of EXTC dept.
4. Number of Participants : 240
5. Student Coordinator : Mr. Omkar S. and Ms. Ayushi Raina
6. Staff Coordinator : Ms. Manita Rajput
7. Brief Summary of the Activity/Event (in maximum 500 words):
  - a. Objectives : Objective of MICRO2K18 is to update all the latest state of the art technologies being used or developed
  - b. Technical Description : One-day lecture series from renowned industry representatives and researchers from reputed institutions for our department faculty members and all the department students. The following talks were conducted:
    1. Dr. Raghunath Shukla, TIFR , Mumbai gave an interesting talk on Digital Design using FPGA design.
    2. Mrs. Ruth S. and Ms. Sumita D., Human Element LLP, conducted a session on Self-Empowerment.

F,  
Aruna  
Student Coordinator

Manita  
Staff Coordinator

SE  
HOD



## IETE-ETSA Students' Forum

- c. Outcomes :
1. Students developed a proper understanding of programming on FPGA.
  2. The session by Ms. Sumita D. was a humorous and enriching session which helped students to identify different personality traits
  3. Summary of Feedback : ---
  4. Action to be Taken based on Feedback: ---
  8. Activity / Event Photograph :



F,  
*Sumita D.*  
Student Coordinator

*H. J.*  
Staff Coordinator

*SE*  
HOD



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**Sustainable, Ethical, and Environmental Development (SEED) Students' Council**

SEED Activities for the Year 2018-19

Constitution:

<b>Sr. No.</b>	<b>Name of the Member</b>	<b>Year</b>	<b>Post</b>
1.	Prachi Yeram	Final Year EXTC	Advisory members
2.	Siddhesh Gawali		
3.	Vaibhav Tiwari		
4.	Jaya Prasad		
5.	Maitreyee Likhite		
6.	Shwetha Salimath	Third Year EXTC	Chairperson
7.	Saurabh Gawas		Documentation Head
8.	Sumedh Bangar		Member (Motivational videos)
9.	Vishruth Bhat		Member
10.	Triparna Chatterjee		Member
11.	Selvin Furtado	Second Year EXTC	Secretary
12.	Avelino Pereira		Treasurer
13.	Aishwarya Bhatt		Member
14.	Vaishnavi Gaikwad		

Objective : The prime objective of the council is to create awareness among students about environmental and ethical issues in the society and enlighten them about their responsibility in the eradicating these problems.

Activities :



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## Sustainable, Ethical, and Environmental Development (SEED) Students' Council

- ✓ An Expert talk on “**Sustainability: A new dimension of Growth**”, by **Mr. Rahul Rane**, GM (Rtd.) & Former Head, L&T- Power Electronics and Automation Technology Centre, for the third year and second year students of Electronics and Telecommunication Engineering on 18<sup>th</sup> August, 2018.
- ✓ A couple of motivational videos have been shown to the students of Third year and Final year EXTC guiding them on the sutras of success in a student life.
- ✓ An Expert talk on “**Life Long learning through emotional Re-engineering**”, **Mr. E V Swaminathan** for our Second and Third year students on Saturday, 28<sup>th</sup> of September, 2018 at 1.30 pm.
- ✓ Innovation for Environment (Project competition) Conducted on 2nd Feb, 2019 (9am to 12pm) Total 80 students of 2nd year EXTC participated for the competition. Each group consists of 4 members in a group.
  - Winners: 1st Prize: Rs 800  
Apurva, Sanskruti, Ralph, Edgar (Solar Battery Charger)
  - 2nd Prize: Rs 500  
Shwetha, Rajni, Triparna, Chetan (Automated Room control)
  - Ritoo, Suraj, Dattaji, Jamie (Smart Shoe).
- ✓ Green Newton (Quiz Competition) Conducted on 2nd Feb, 2019 (1pm to 3 pm) Total 35 groups (Each group consist of 2 members) participated for the competition.
- ✓ Winners:
  - 1st Prize: Rs 500
  - Utkarsha, Prerna
  - 2nd Prize: Rs 300
  - Humera, Tejashree



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**Sustainable, Ethical, and Environmental Development (SEED) Students' Council**

- ✓ Soft Skills Workshop by Human Element Conducted on 2nd March, 2019 (10am-1pm) during Etamax, 2019. Total 68 Students attended the Workshop.
- ✓ Expert Talk on “Project Management and Finance” by Mr. Nilesh Likhite, Head, Audit Section, ACC Pvt. Ltd. On 11th of February, 2019 for the Final year students.
- ✓ Expert talk on “Intellectual Property Rights” by Ms Shrutika Koli, Research Associate- Johnson and Johnson Pvt. Ltd. Medical Instruments, IP COE, Asia Pacific during LOOPS 2K19 for EXTC Students.

*Mrs. Pranali Choudhari,*

*Convenor*

*SEED Council*



**Activity Report**

In the academic year of 2018-2019, a total of 25 seminars were organized under IEI students chapter for students of second, third and final year Electrical engineering on various topics. Many of the experts were eminent personalities form Industry. The topics of talk were technical as well as non-technical. The technical talks included domain Electrical Machines, Renewable Energy, Power System, Hybrid Electric Vehicles, Micro Grid, Analog and Digital ICs, Electric Drives etc. The non-technical talks included Motivational Talk, Project Management and Campus to Corporate etc. The summary of lectures is given below.

<b>Sr. No</b>	<b>Title</b>	<b>Date</b>	<b>Speaker</b>
1.	Motivational Talk	06/07/2018	Mr. Mr. Aditya Paranjpe Head IoT, Kloudq Technologies Limited, Pune
2.	Energy Efficient Transformers and Induction Motors	21/07/2018	Ms.Trisha Jaiswal, Engineer,Thyssenkrup, Mumbai
3.	Renewable Energy and Energy Storage Systems	29/10/2018	Mr.Shashank desai, Junior Engineer.Insolergy Technologies Pvt.Ltd, Mumbai
4.	Power System Operation and Control	29/09/2018	Ms.Renuka Pai,Executive Engineer, Siemens Ltd
5.	Basics of Switch Gear	29/09/2018	Mr.Sidharth Iyer,Asst.Manager, L&T SwitchGear Division, Powai
6.	Motivational talk	29/09/2018	Ramya Bhat, Design Engineer- Electrical, Petrofac Engineering
7.	Java AWT	01/09/2018	Utkarsh Singh, L&T Infotech, Pune
8.	Overview of starter Panel Design	20/10/2018	Nikhil Sanjay Vardekar, Klodq Technolgies Ltd, Senior Engineer, Khadki, Pune
9.	Project Management and Campus to Corporate	29/09/2018	Ms.Palak Sharma, Executive Engineer, L&T Hydrocarbon Engineering, Powai
10.	Motivational talk	19/10/2018	Ms.Sayali Ishvar Harer, assistant Manager, Godrej and Boyce Mfg.Co.Ltd, Vikroli, Mumbai
11.	Energy Management in Hybrid Electric Vehicles	20/10/2018	Ms.Rakshita Dhar, Jr.Research Fellow, Centre of Excellence- CNDS lab
12.	Importance of Internship	28/09/2018	Shakila Nisar, Alumni ,FCRIT



	Electric and Hybrid Electric Vehicle Technology	11/01/2019	Mr.Kiran Griffiths Research & Development Tools Frauscher Sensortechnik BMBH Austria
13.	Microgrid	17/01/2019	Mr.Kiran Griffiths Research & Development Tools Frauscher Sensortechnik BMBH Austria
14.	Campus to corporate	19/01/2019	Ms.Bhagyasree Senior S/W Tester ATOS India Pvt. Ltd Airoli
15.	Importance of Industrial Training	21/01/2019	<b>Mr.Pritul Thakkar</b> Sales Head, Training Esskay TTC Industrial Area, Technocity, Mahape  <b>Ms.Minal Jadhav</b> Senior Executive Automation & Instrumentation Trainings Siemens- Training (SITRAIN INDIA), Thane
16.	Power Transformer Erection,Testing and Commission	24/01/2019	Ms.Pooja Jadhav Sales and Service Coordinator Pradeep Sales and Service Pvt.Ltd Sakinaka Mumbai
17.	Solar Grid Tied Inverter for Residential Applications	7/02/2019	Mr.Mahesh Kumbhar ,Power Electronics Engineer R&D,Selec Controls Pvt.Ltd, Mumba
18.	Basic Knowledge of Receiving station equipments	12/02/2019	Mr.Nitin Gawde Lead Engineer, Tata Power Co.Ltd, Mumbai
19.	Industrial Applications of Analog and Digital Integrated Circuits	11/03/2019	Mr.Ketan.Jore Graduate Engineer Trainee, Primetals Technologies India Pvt.Ltd, Mumbai
20.	Power System Transmission Lines and substation Earthing	12/03/2019	Mrs. Shilpa Pillai Deputy Executive Engineer(trans) MSETCL, Nerul
21.	HV and LV Cable Sizing using IEC Standards	16/03/2019	Ms.Komal Gaikwad Electrical Engineer Siemens, Airoli, Navi Mumbai
22.	Motivational Talk	16/03/2019	Sujata Patil Senior Engineer –Traction R&D Hind Rectifier Ltd



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			Lake Road, Bhandup (W) Mumbai-400078
23.	Fundamentals of Electrical Drives	16/03/2019	Sujata Patil Senior Engineer –Traction R&D Hind Rectifier Ltd Lake Road, Bhandup (W) Mumbai-400078
24.	Role of Electrical Engineers in EPC Sector	22/03/2019	Ms.Priti Gosavi Senior Asst. Engineer Toyo Engineering Kanjurmarg, Mumbai
25.	Low Voltage Circuit Breaker	29/03/2019	Bhagya Senior Engineer Tata power, Mumbai





**Brief Activity/Event Report**

1. Name of the Activity/Event : Vidyut
2. Activity/Event Venue & Date : 4<sup>th</sup> August 2018
3. Nature of Participants : Students of Electrical Engineering / faculty of Electrical Engineering department
4. Number of Participants : 240 students+ 16 Faculty
5. Student Coordinator : Class Representatives
6. Staff Coordinator : Abhishek Shiwalkar
- Speakers :
- 1) Mr.Rahul Gopal Rane, L&T.
- 2) Mr.Seshail Kamanna.
- 3) Mrs.Bhagyalakshmi Nair, Tata Power Ltd.
- 4) Dr.Ranjeev Manrao.
7. Brief Summary of the Activity/Event (in maximum 500 words):
  - a. Objectives : Provide Knowledge on the topic “A way to sustainable growth”, “Artificial Intelligence in customer relation Management”, “Engineer and Society” , Professional Ethics, values, beliefs, system and culture
  - b. Technical Description :
    - 1) The speaker with his vast experience enlightened the students on the above said topic and the session was quite interactive.
    - 2) Students were quite thrilled to see use of Artificial intelligence for such applications.
    - 3) The speaker Mrs. Nair highlighted on the roles of Engineers and their contribution to the betterment of society.
    - 4) The speaker discussed in detail about how Ethics, good work culture, etc helps us to maintain dignity and integrity in our professional life with many examples and interesting case studies.
  - c. Outcomes : Students were able to
    - 1) Acquire knowledge on sustainable growth
    - 2) Get knowledge of Artificial Intelligence in customer relation Management
    - 3) In depth knowledge of roles of Engineers and their contribution to the betterment of society.
    - 4) Understand Importance of Ethics, good work culture
8. Activity / Event Photograph :





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Department of Electrical Engineering

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Seminar on "Engineer and Society"



Seminar on "Artificial Intelligence in customer relation Management"



**Brief Activity/Event Report**

1. Name of the Activity/Event : Vidyut
2. Activity/Event Venue & Date : 1<sup>st</sup> March 2019
3. Nature of Participants : Students of Electrical Engineering / faculty of Electrical Engineering department
4. Number of Participants : 240 students+ 16 Faculty
5. Student Coordinator : Class Representatives
6. Staff Coordinator : Nishan Patnaik
7. Speakers :
  1. Mr.N.N.Pisharody, Additional Chief Engineer(Industrial safety and Fire), NPCIL.Mr.Seshail Kamanna.
  2. Mrs. Sumita Dey Chatterjee a 'Learning and Development' consultant.
  3. Mr.Sriram Atri.
8. Brief Summary of the Activity/Event (in maximum 500 words):
  - i. Objectives : Provide Knowledge on the topic Industrial safety and Accident prevention, Soft skills and Stress management
  - ii. Technical Description :
    1. The speaker Mr.N.N.Pisharody has many years of experience in this field of industrial safety. He started his seminar on the devices used for safety, their ratings and standards. Then on, he enlightened the audience on how to prevent accidents while working in electrical system and take care of the safety of living beings, society and environment.
    2. With her two decades of experience, the speaker motivated the students to work on their soft skills for better employability and better life.
    3. With his humorous way, he enthralled the young audience to feel stress free and made them to have hearty laughs. They were told to adopt the techniques regularly to keep them physically and mentally healthy.
  - iii. Outcomes : Students were able to
    1. Acquire knowledge of industrial safety
    2. knowledge of better employability and better life
    3. understand how to adopt the techniques regularly to keep them physically and mentally healthy



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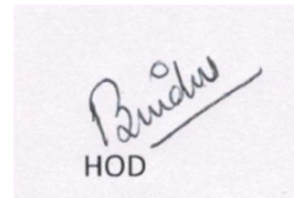
4. Activity / Event Photograph :



Seminar on "Stress management"



Seminar on "Soft skills"





### Brief Activity/Event Report

- Name of the Activity/Event** : Expert lecture 2018-19
- Number of Participants** : 2282
- Objectives** :
  - To provide exposure to the students about latest technological advancements in each course.
  - To expose students to the requirements of industry in different domains.

**4. Brief Summary of the Activity/Event (in maximum 500 words):**

In the academic year of 2018-2019, a total of 30 seminars were organized by IT department students of second, third and final year Information Technology engineering on various topics. Many of the experts were eminent personalities form Industry. The topics of talks included Intelligent Systems, Algorithm analysis, Big Data Analytics, Cloud Computing, Cyber Security etc. The summary of lectures is given below.

**2018-19**

Sr. No.	Activity/Event Venue &Date	Nature of Participants	Number of Participants	Expert Lecturer	Technical Description
1	2/2/2019	Students of Sem IV	65	Mr. Jayant Bhopale, (TCS, Mumbai)	COA
2	2/2/2019	Students of Sem IV	59	Ms. Shreya More (TCS, Mumbai)	AT
3	5/2/2019	Students of Sem IV	64	Mr. Karan Balkar (L&T Infotech, Mumbai)	OS
4	25/02/2019	Students of Sem IV	68	Mr. Akash Anandrao (Ingram Micro, Mumbai)	CN
5	15/03/2019	Students of Sem IV	68	Mr. Saurabh Tiwari (RA, IITB, Mumbai)	PL
6	28/03/2019	Students of Sem VI	32	Mr. Abhishek Aswar (Oracle financial ser. s/w lim. , Mumbai)	DMBI
7	5/3/2019	Students of Sem VI	58	Mr. Ritesh Tawade (AWS, Mumbai)	CCS
8	22/01/2019	Students of Sem VI	55	Mr. Rahul Kothari (TCS, Mumbai)	SEPM
9	16/03/2019	Students of Sem VI	46	Ms. Ankita Gawade (Reliance Jio, Mumbai)	WN
Sr. No.	Activity/Event Venue &Date	Nature of Participants	Number of Participants	Expert Lecturer	Technical Description



10	16/03/2019	Students of Sem VI	66	Mr Akash Anandrao (INGRAM Micro)	MP
11	25/01/2019	Students of sem VIII	72	Mr. Ashesh Kumar Singh (TCS)	BDA
12	12/3/2019	Students of sem VIII	58	Mr. Hrushant Mhatre (NSE Tech, Mumbai)	SNMR
13	16/03/2019	Students of sem VIII	69	Mr. Rahul Jain (Gupshup Technologies, Mumbai)	CSM
14	2/2/2019	Students of sem VIII	72	Ms. Shambhavi Sant (TCS, Mumbai)	SC
15	18-08-2018	Students of sem III	54	Mr. Pranit Jaiswal (Alumni)	DSA
16	1/9/2018	Students of sem III	62	Mr. Utkarsh Singh (L & T Infotech)	DBMS
17	4/9/2018	Students of sem III	65	Mr. Akash Anandrao (Ingram Micro)	JPL
18	1/9/2018	Students of sem III	74	Ms. Supriya Rokade (TCS)	LD
19	21-07-2018	Students of sem V	60	Mr. Aditya Desai (Ingram Micro)	MEP
20	1/9/2018	Students of sem V	65	Mr. Abhishek Aswar (OFSS)	ADMT
21	1/9/2018	Students of sem V	58	Mr. Vinayak Mane (Paycraft Solution)	IPL
22	29-09-2018	Students of sem V	50	Ms. Ankita Gawade (Reliance Jio)	CNS
23	7/9/2018	Students of sem V	64	Mr. Mohamad Pathan (TCS)	CGVR
24	7/9/2018	Students of sem V	24	Mr. Vipul Honrao (TCS)	ADSA
25	7/9/2018	Students of sem V	75	Mr. Alex Muthu Nadar (Ingram Micro)	CC
26	5/9/2018	Students of sem VII	47	Mr. Darshil Cheda (Aurion Solution)	WT
<b>Sr. No.</b>	<b>Activity/Event Venue &amp;Date</b>	<b>Nature of Participants</b>	<b>Number of Participants</b>	<b>Expert Lecturer</b>	<b>Technical Description</b>
27	3/9/2018	Students of sem VII	33	Ms. Shreya More (TCS)	SPM



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28	4/9/2018	Students of sem VII	73	Mr. Ashesh Kumar Singh (TCS)	IS
29	5/9/2018	Students of sem VII	59	Mr. Saurabh Tiwari (Mgage Sine)	IP
30	28/02/2019	Students of IV, VI, VIII	105	Dr G.P.Bhole, VJTI, Mumbai.	Recent Trends in information Technology
31	7/27/2018	Students of III, V, VII	231	Mrs.Seethalakshmi S. Consultant NIE, Times of India, Mumbai	Professional Ethics and its values
32	7/27/2018	Students of III, V, VII	231	Mr. Suresh Menon ( Leonis consulting Services Mumbai.)	Cyber Security
<b>Total</b>			2282		



Mrs. Seethalakshmi S



Mr. Suresh Menon

  
Head of Department  
Information Technology  
Fr. CRIT, Vashi