



AVANTHI

INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, Permanently Affiliated to JNT University, Kakinada,
Accredited by NBA & Recognized Under 2(f) and 12(b) by UGC, New Delhi)
Tamarani, Makavarapalem, Narsipatnam(R.D), Visakhapatnam Dist-531113

Alumni Coordination Cell Academic Year 2019-2020 Alumni Contributions

| S.NO | NAME OF THE ALUMNI | DEPT | YEAR OF GRADUATION | DATE | TYPE OF CONTRIBUTION | NO OF STUDENTS BENEFITED |
|------|-------------------------|------|--------------------|------------|----------------------|--------------------------|
| 1 | Bathina Arun Surya | MECH | 2018 | 03-9-2019 | SEMINAR | 32 |
| 2 | Dadi Teja | MECH | 2017 | 01-11-2019 | SEMINAR | 75 |
| 3 | Gorli Pitamber | MECH | 2017 | 20-11-2019 | GUEST LECTURE | 65 |
| 4 | Poluparthi Ramana babu | MECH | 2016 | 28-01-2020 | SEMINAR | 55 |
| 5 | Mediseti venkata Rajeev | MECH | 2012 | 11-02-2020 | SEMINAR | 76 |

Academic year: 2019-2020

Conducted on: 03-09-2019

Name of the Alumni/Speaker: Bathina Arun Surya

Designation & Organization: JUNIOUR ENGINEER

Topic delivered: TOPIC ON WIND ENERGY VEHICLE

Target group: I&II, III, IV B.TECH MECHANICAL STUDENTS

BRIEF REPORT: Mr. Bathina Arun Surya delivered his wonderful lecture on WIND ENERGY VEHICLE, He also explained his real time work experience with students directly. And he also explained about the parts of Wind Energy Vehicle of Wind mill, Battery, Robotic car, Rotating blades, Gear and wheel setup, Coil and permanent magnet and working principle of WIND ENERGY VEHICLE.



Academic year: 2019-2020

Conducted on: 01-11-2019

Name of the Alumni/Speaker: Dadi Teja

Designation & Organization: R&D Engineer (MESLOVA, HYD)

Topic delivered: TOPIC ON RADIAL PISTON ENGINE

Target group: I&II, III, IV B.TECH MECHANICAL STUDENTS

BRIEF REPORT: Mr. Dadi Teja delivered his wonderful lecture on RADIAL PISTON ENGINE, He also explained his real time work experience with students directly. And he also explained about the Radial Engine is an internal combustion engine configuration in which the cylinders point outward from a central crankshaft like the spokes on a wheel. This configuration was very commonly used in aircraft engines before being superseded by turbo shaft and turbojet engines. It is a reciprocating engine.



Academic year: 2019-2020

Conducted on: 20-11-2019

Name of the Alumni/Speaker: Gorli Pitamber

Designation & Organization: JUNIOUR ENGINEER

Topic delivered: FINITE ELEMENT ANALYSIS-TWO DIMENSIONAL VECTOR VARIABLE PROBLEMS

Target group: III,IV B.TECH MECHANICAL STUDENTS

BRIEF REPORT: Mr. Gorli Pitamber delivered his wonderful lecture on FINITE ELEMENT ANALYSIS-TWO DIMENSIONAL VECTOR VARIABLE PROBLEMS, He also explained his real time work experience with students directly. And He gave a brief about the basics of finite element analysis and also he thought the students how they have to approach problems in easy manner. He also showed the students about his research areas. He explained the important of finite element analysis in the medical field by replacing the bones by Mechanical structure



Academic year: 2019-2020

Conducted on: 28-01-2020

Name of the Alumni/Speaker: Poluparthi Ramana babu

Designation &Organization: ASST. PROFESSOR (AVANTHI ENGINEERING COLLEGE)

Topic delivered: TOPIC ON QUALITY ENGINEERING

Target group: I&II, III, IV B.TECH MECHANICAL STUDENTS

BRIEF REPORT: Mr. Poluparthi Ramana babu delivered his wonderful lecture on QUALITY ENGINEERING; He also explained his real time work experience with students directly. And He delivers some nutshell information about Six Sigma, Seven Gurus of TQM, Just In Time technology, 5S Technology to the students. During his lecture, he congrats the students for implementing 5S technology in Metrology laboratory and apply the same to the other laboratories to get the best industrial practice.



Academic year: 2019-2020

Conducted on: 11-02-2020

Name of the Alumni/Speaker: Medisetti venkata Rajeev

Designation &Organization: JUNIOUR ENGINEER

Topic delivered: TOPIC ON THERMODYNAMIC CYCLES AND ITS APPLICATIONS

Target group: II, III B.TECH MECHANICAL STUDENTS

BRIEF REPORT: Mr. Medisetti venkata Rajeev delivered his wonderful lecture on WIND ENERGY VEHICLE, He also explained his real time work experience with students directly. And He instigated the lecture with basic equations, governing mechanical engineering and delivered the concept of laws of thermodynamics with lively examples. The students were benefitted a lot as they gained a practical insight in thermodynamics. The following topics were covered in the Lecture. Application of Thermodynamics, Corollaries of II Law of Thermodynamics, Introduction to III Law of Thermodynamics, High grade and low grade energy and Heat engine, heat pump and refrigerator.





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Alumni Coordination Cell Academic Year 2019-2020

Alumni Contributions

| S.No | Name of the alumni | Dept | Year of graduation | Date | Type of contribution | No of students benefited |
|------|--------------------|------|--------------------|------------|----------------------|--------------------------|
| 1 | M.HARI KALYAN | ECE | 2019 | 13-07-2019 | SEMINAR | 96 |
| 2 | P.TARUN KUMAR | ECE | 2019 | 3-10-2019 | SEMINAR | 99 |
| 3 | MR. M. GANESH | ECE | 2013 | 09-01-2020 | GUEST LECTURE | 106 |
| 4 | MS.A PREETHI | ECE | 2015 | 03-03-2020 | GUEST LECTURE | 101 |

Academic year: 2019-2020

Conducted on: 13-07-2019

Name of the Alumni/Speaker: Mr. M. HARI KALYAN

Designation& Organization: SOCATRONICS

Topic delivered: VLSI DESIGN AND EMBEDDED SOFTWARE SERVICES

Target group: IV B.TECH E.C.E STUDENTS

BRIEF REPORT: MR. M.Hari Kalyan has taken a seminar for 4th year ECE students 13-07-2019. He demonstrated the subject very efficiently in easy way of understanding as he is working with the same in real time VLSI design and implement on SoC.



Academic year: 2019-2020

Conducted on: 3-10-2019

Name of the Alumni/Speaker: P.TARUN KUMAR

Designation& Organization: Associate System Engineer & IBM India Pvt Ltd

Topic delivered: CYBER SECURITY

Target group: IV B.TECH E.C.E STUDENTS

BRIEF REPORT: Mr.P.Tarun has taken a guest lecture for 4th year ECE students on

3-10-2020. He demonstrated the subject very efficiently in easy way of understanding. He delivered the topic on cyber security of different conventional approaches



Academic year: 2019-2020

Conducted on: 09-01-2020

Name of the Alumni/Speaker: M. GANESH

Designation& Organization: VLSI DESIGN ENGINEER, QUALCOM

Topic delivered: REAL TIME VLSI DESIGN INDUSTRY

Target group: IV B.TECH E.C.E STUDENTS

BRIEF REPORT: MR. Ganesh has taken a guest lecture for 4th year ECE students on 09-01-2020. He demonstrated the subject very efficiently in easy way of understanding as he is working with the same in real time VLSI design industry.



Academic year: 2019-2020

Conducted on: 03-03-2020

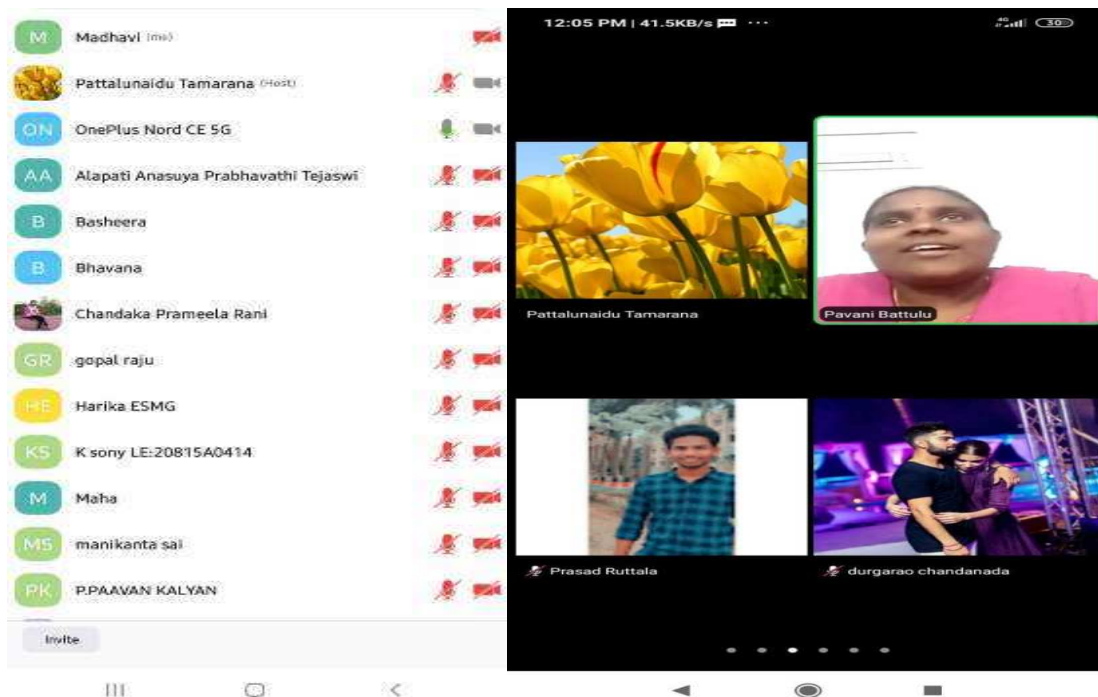
Name of the Alumni/Speaker: Ms.A PREETHI

Designation& Organization: Software Engineer & HGS solutions

Topic delivered: Software Quality Testing (SQT) Automation

Target group: IV B.TECH E.C.E STUDENTS

BRIEF REPORT: Ms.A Preethi has taken a guest lecture for ECE students on 03-03-2020. She delivered the topics on basic automation and how it helps us to find out bugs in software testing and also explain the quality services for improving the customer satisfaction.





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|------|----------------------|------|--------------------|------------|----------------------|--------------------------|
| 1 | Mr. P. BHARATH KUMAR | EEE | 2011 | 09-08-2019 | SEMINAR | 47 |
| 2 | Mr. B. JAGAN | EEE | 2014 | 27-09-2019 | SEMINAR | 45 |
| 3 | Ms. A. GANESH | EEE | 2011 | 04-11-2019 | GUEST LECTURE | 42 |
| 4 | Mr. P. KIRAN KUMAR | EEE | 2017 | 16-12-2019 | SEMINAR | 46 |
| 5 | Mr. N. SARATH KUMAR | EEE | 2017 | 10-01-2020 | SEMINAR | 44 |

Academic year: 2019-2020

Conducted on: 09-08-2019

Name of the Alumni/Speaker: P. BHARATH

Designation & Organization: Assistant Professor , Vignan Institute of Information Technology

Topic delivered: Power System operation and control.

Target group: III & IV B.TECH EEE STUDENTS.



BRIEF REPORT: Mr. P. BHARATH KUMAR delivered his wonderful lecture on Power System operation & control. He also explain importance of Speed Governing system, Load Frequency Control and Reactive Power Voltage Control based on Real time Experience.

Academic year: 2019-2020

Conducted on: 27-09-2020.

Name of the Alumni/Speaker: B. JAGAN

Designation & Organization: Executive Trainee, kirloskar Electrical Company..

Topic delivered: Switch Gear Systems

Target group: II,III & IV B.TECH EEE STUDENTS.



BRIEF REPORT: Mr. B. JAGAN delivered his wonderful lecture on. Switch Gear Systems and also Importance and Applications of Circuit Breakers, protection relays, measuring instruments, electrical switches, electrical fuses, miniature circuit breaker, lightning arresters or surge arresters

Academic year: 2019-2020,

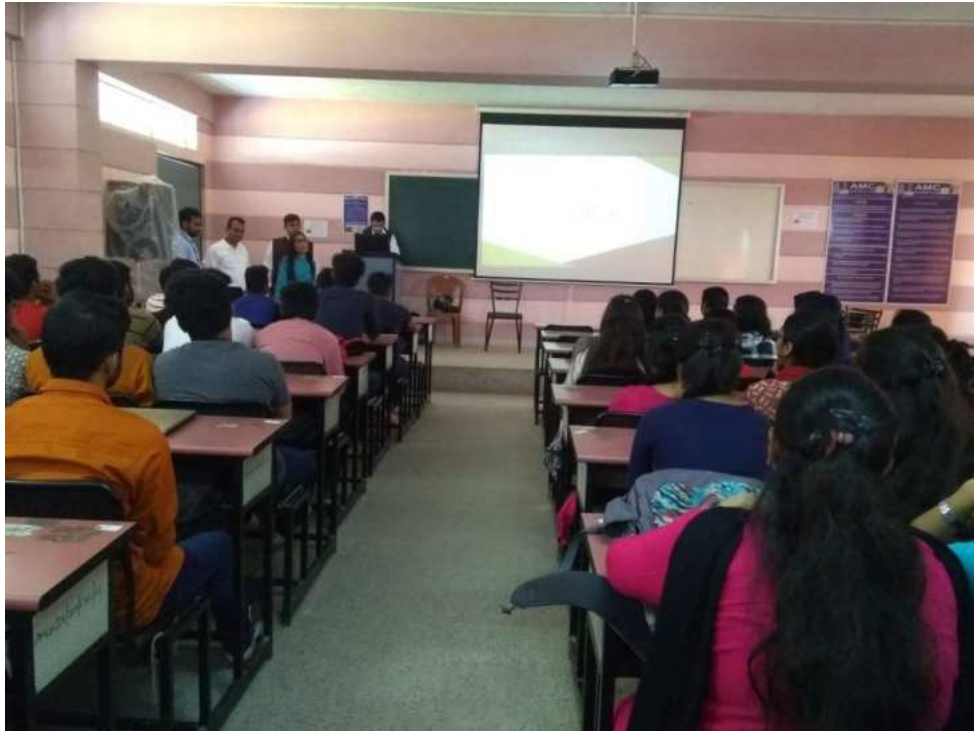
Conducted on: 04-11-2019

Name of the Alumni/Speaker: A. GANESH

Designation & Organization: Maintenance Engineer, WMS

Topic delivered: Electrical Preventive Maintenance.

Target group: II,III & IV B.TECH EEE STUDENTS.



BRIEF REPORT: Mr. A. GANESH delivered his amazing lecture on Electrical Preventive Maintenance and also explains about how Commercial facilities usually consume a significant amount of electricity on a regular basis. Inspections and repair of commercial transformers, capacitors, and wiring manifolds, Checking indoor and outdoor lighting, relays, and control panels.

Academic year: 2019-2020

Conducted on: 16-12-2019.

Name of the Alumni/Speaker: P. KIRAN KUMAR

Designation & Organization: Assistant Engineer APEPDCL

Topic delivered: Power Distribution.

Target group: II,III & IV B.TECH EEE STUDENTS.



BRIEF REPORT: Mr. P. KIRAN KUMAR delivered his wonderful lecture on Electric power distribution and explains about [transmission system](#) to individual consumers and Distribution [substations](#) connect to the transmission system and lower the transmission voltage to medium [voltage](#) ranging between 2 [kV](#) and 35 kV with the use of [transformers](#).

Academic year: 2019-2020,

Conducted on: 10-01-2020

Name of the Alumni/Speaker: N. SARATH KUMAR

Designation & Organization: System Engineer, Tessolve pvt. Ltd.

Topic delivered: Power Electronics.

Target group: II,III & IV B.TECH EEE STUDENTS.



BRIEF REPORT: Mr. N. SARATH KUMAR delivered his wonderful lecture on Semi Conductors and also explain how semi conductor technology are used to control entire world and also Explain how silicon extract from Sand and convert to Processor.



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Alumni Coordination Cell Academic Year 2019-20

Alumni Contributions

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|------|----------------------|------|--------------------|------------|----------------------|--------------------------|
| 1 | Mr. K. Srinivasa Rao | CSE | 2006 | 08-08-2019 | SEMINAR | 45 |
| 2 | Mr. V Manoj | CSE | 2012 | 13-9-2018 | SEMINAR | 38 |
| 3 | Ms. Nandhini | CSE | 2018 | 03-11-2018 | SEMINAR | 35 |
| 4 | Ms.P .Radha Sree | CSE | 2019 | 13-11-2018 | SEMINAR | 43 |
| 5 | Mr.K.Sunandh | CSE | 2010 | 23-01-2019 | SEMINAR | 48 |

Conducted on:23-01-2019

Name of the Alumni/Speaker: Mr. K. Srinivasa Rao

Designation &Organization: Sr. Software Engineer, Infosys, Hyderabad

Topic delivered: Seminar on Databases

Target group: II & IV B. TECH C.S.E STUDENTS

- **BRIEF REPORT:** Mr. K. Srinivasa Rao delivered his wonderful lecture on Basic of Databases. He also explained his real time work experience with students directly. Integrity services and Data Security , Analysis and System Performance

Conducted on:23-01-2019

Name of the Alumni/Speaker: Mr. V Manoj

Designation &Organization: SR. Software Developer &Tech Mahindra, Hyderabad

Topic delivered: Seminar on SAP

Target group: III&IV B. TECH C.S.E STUDENTS

- **BRIEF REPORT:** Mr. V. Manoj delivered his wonderful lecture on Basic of SAP This course aims to explain how the fundamental business processes interact with SAP ERP in the functional areas of Procurement, Sales & Distribution, Production Planning and Logistics, with a special supplementary section on accounting. Materials provided include presentation materials, exercises/solutions and an introduction exercise on navigating within the SAP ERP system.

Conducted on:23-01-2019

Name of the Alumni/Speaker: MR .Sunand

Designation &Organization: SR. Software Developer &Tech Mahindra, Hyderabad

Topic delivered: Seminar on Cyber Security

Target group: III&IV B.TECH C.S.E STUDENTS

- **BRIEF REPORT:**Mr. Sunanddelivered his wonderful lecture on Basic of Cyber Security. He also explained his real time work experience with students directly. Identity and access management (IAM), Firewalls, Endpoint protection, Antimalware, Intrusion prevention/detection systems (IPS/IDS) , Data loss prevention (DLP) , Endpoint detection and response, Security information and event management (SIEM).

Conducted on:23-01-2019

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Topic delivered: Seminar on Cyber Security

Target group: III&IV B.TECH C.S.E STUDENTS

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