



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)
Tamaram, Makavarapalem, Narsipatnam(R.D), Visakhapatnam Dist-531113

Alumni Coordination Cell Academic Year 2017-2018 Alumni Contributions

S.NO	NAME OF THE ALUMNI	DEPT	YEAR OF GRADUATON	DATE	TYPE OF CONTRIBUTION	NO OF STUDENTS BENEFITED
1	R.Ramu	MECH	2015	26-6-2017	WORKSHOP	70
2	CH.Satyanarayana	MECH	2015	20-7-2017	SEMINAR	76
3	G.Rambabu	MECH	2014	26-8-2017	SEMINAR	65
4	Dasari Kumara Kiran	MECH	2013	06-02-2018	GUEST LECTURE	49
5	Upendra Kumar Malla	MECH	2010	22-03-2018	SEMINAR	46

Academic year: 2017-2018

Conducted on: 26-11-2017

Name of the Alumni/Speaker: R.Ramu

Designation & Organization: ASSISTANT PROFESSOR (AVEN)

Topic delivered: EXHAUST GAS RECIRCULATION

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

BRIEF REPORT: - Mr. R Ramu delivered his wonderful lecture on EXHAUST GAS RECIRCULATION. He also explained his real time work experience with students directly. And he also explained about the importance and differences between diesel engines and non-diesel engines. Non-diesel engines combine a fuel mist with air before the mixture is taken into the cylinder, while diesel engines inject fuel into the cylinder after the air is taken in and compressed. The higher compression ratio in a diesel engine and the higher energy content of diesel fuel allow diesel engines to be more efficient than gasoline engines.



Academic year: 2017-2018

Conducted on: - 20-7-2017

Name of the Alumni/Speaker: - CH.Satyanarayana

Designation &Organization: GRADUATE ENGINEER TRAINEE (SANVEER INDUSTRY LIMITED)

Topic delivered: TIDAL ENERGY

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

BRIEF REPORT:-Mr.CH.Satyanarayana delivered his wonderful lecture on TIDAL ENERGY. He also explained his real time work experience with students directly. And he also explained about the importance of basic components of TIDAL ENERGY. Tidal energy is one of the oldest forms of energy used by humans. Indeed, tide mills, in use on the Spanish, French and British coasts, date back to 787 A.D... Tide mills consisted of a storage pond, filled by the incoming (flood) tide through a sluice and emptied during the outgoing (ebb) tide through a water wheel. A drawback of tidal power is its low capacity factor, and it misses peak demand times because of 12.5 hr cycle of the tides. The total world potential for ocean tidal power has been estimated at 64,000 MWe.



Academic year: 2017-2018

Conducted on: - 26-8-2017

Name of the Alumni/Speaker: - G.Rambabu

Designation & Organization: TEST ANALYST, QUALITY ENGG AND ASSURANCE
CONIZANT

Topic delivered: UNDERWATER WELDING

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

BRIEF REPORT: - Mr.G.Rambabu delivered his wonderful lecture on UNDERWATER WELDING. He also explained his real time work experience with students directly. And he also explained about the importance of basic components of UNDERWATER. It is used in fabrications and erections in infrastructures and installations. It joins metals or thermoplastics. allowing it to cool to become a strong joint is the basis of the process of welding. For repairing to be carried out underwater, there is a separate process. That is called underwater welding. If damaged ships are to be repaired, underwater welding is the basic technology to be used. It is a highly-specialized profession and more employed in the oil or shipping industry and also in the defense operations.



Academic year: 2017-2018

Conducted on: - 06-02-2018

Name of the Alumni/Speaker: - Dasari Kumara Kiran

Designation & Organization: PRODUCTION ENGG (TRINITECH INFRASTRUCTURE INDIA PVT LTD

Topic delivered: MASS AIR FLOW SENSOR.

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

BRIEF REPORT: - Mr. Dasari Kumara Kiran delivered his wonderful lecture on MASS AIR FLOW SENSOR. He also explained his real time work experience with students directly. And he also explained about the importance of basic components of SENSORS. A mass air flow sensor is used to find out the mass flow rate of air entering a fuel-injected internal combustion engine. In automotive applications, air density varies with the ambient temperature, altitude and the use of forced induction, which means that mass flow sensors are more appropriate than volumetric flow sensors for determining the quantity of intake air in each piston stroke.



Academic year: 2017-2018

Conducted on: - 22-03-2018

Name of the Alumni/Speaker: - Upendra Kumar Malla

Designation & Organization: G. E. T (A.E)

Topic delivered: SPACE ROBOTICS

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

BRIEF REPORT: - Mr. Upendra Kumar Malla delivered his wonderful lecture on SPACE ROBOTICS. He also explained his real time work experience with students directly. And he also explained about the importance of basic components of ROBOTICS. Robot is a system with a mechanical body, using computer as its brain. Integrating the sensors and actuators built into the mechanical body, the motions are realized with the computer software to execute the desired task. Robots are more flexible in terms of ability to perform new tasks or to carry out complex sequence of motion than other categories of automated manufacturing equipment.





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Alumni Coordination Cell Academic Year 2017-2018

Alumni Contributions

S.No	Name of the alumni	Dept	Year of graduation	Date	Type of contribution	No of students benefited
1	MR. K. LATCHAMMA NAIDU	ECE	2017	15-07-2017	SEMINAR	108
2	MS. A. SRAVANI	ECE	2015	03-9-2017	SEMINAR	105
3	MR. L. CHANDRA SEKHAR	ECE	2010	28-10-2017	GUEST LECTURER	110
4	M T.V.KRISHNARAO	ECE	2013	18-11-2017	GUEST LECTURER	108
5	MR. M. GANESH	ECE	2013	13-02-2018	GUEST LECTURER	111

Academic year: 2017-2018

Conducted on: 15-07-2017

Name of the Alumni/Speaker: Mr. K. Latchamma Naidu

Designation & Organization: Software Engineer & WIPRO

Topic delivered: CYBER SECURITY

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

BRIEF REPORT: The Guest Mr. K. Latchamma Naidu shares his experience and delivered the topic on cyber security of different conventional approaches. He gave a brief introduction about a cyber hacking, cyber bulling and cyber stalking.



Academic year: 2017-2018

Conducted on: 03-9-2017

Name of the Alumni/Speaker: A.Sravani

Designation & Organization: Software Engineer & TCS

Topic delivered: Internet Of Things

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

BRIEF REPORT: The Guest Mr. Sravani shares her experience and delivered the topic on cyber security of different conventional approaches. She gave a brief introduction about a IoT devices and also explain about the IoT devices work with network connectivity that enables the object to collect and exchange the data.



Academic year: 2017-2018

Conducted on: 28-10-2017

Name of the Alumni/Speaker: M T.V.KRISHNARAO

Designation &Organization: Junior telecom officer, BSNL

Topic delivered: Guidance for competitive exams & higher education

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

BRIEF REPORT: The Guest Mr.Krishnarao shares his experience in competitive world and suggested very useful tips and guideline for achieving competitive exams. The entire morning session continued by interacting with students directly, and he also provided his contact number and mail ID to the students for further guidance.



Academic year: 2017-2018

Conducted on: 18-11-2017

Name of the Alumni/Speaker: M.Ganesh

Designation& Organization: VLSI DESIGN ENGINEER, QUALCOM

Topic delivered: REAL TIME VLSI DESIGN INDUSTRY

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

BRIEF REPORT: MR. Ganesh has taken a guest lecture for 4th year ECE students on 18-11-2017. He demonstrated the subject very innovatively and enthusiastic. He explained the topic VLSI design and how it is useful for research and industrial applications.



Academic year: 2017-2018

Conducted on: 05-01-2018

Name of the Alumni/Speaker: L.ChadraSekar

Designation & Organization: Software Engineer

Topic delivered: PROGRAMMING SKILLS

Target group: III&IV B. TECH ALL DEPARTMENT STUDENTS

BRIEF REPORT: MR. L.CHANDRASEKAR has delivered guest lecture for 3rd & 4th year students. The topic he discussed in mainly on the importance of programming/skills, which requires for enter into software engineer industry. He also discussed with the students that how to improve soft skills along with the programming skills. The students had a great lecturer on that day.



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**Alumni Coordination Cell
Academic Year 2017-18**

Alumni Contributions

S.No	Name of the alumni	Dept	Year of graduation	Date	Type of contribution	No of students benefited
1	Mr. S. VINOD KUMAR	EEE	2011	03-07-2017	SEMINAR	47
2	Mr. M. JAGADISH	EEE	2014	09-10-2017	GUEST LECTURE	40
3	Ms. S. NAVEEN KUMAR	EEE	2015	15-12-2017	SEMINAR	42
4	Mr. A. CHAITANYA	EEE	2014	25-01-2018	SEMINAR	47
5	Mr. K. RAMESH	EEE	2015	05-03-2018	GUEST LECTURE	51

Academic year: 2017-2018

Conducted on: 03-07-2017

Name of the Alumni/Speaker: S. VINOD KUMAR

Designation & Organization: Junior Engineer SSC Govt. of INDIA

Topic delivered: Bode Plots and Nyquist Plots in Control Systems.

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



BRIEF REPORT: Mr. .S. Rishikesh delivered his wonderful lecture on Bode Plots and Nyquist Plots in Control Systems Security. He also explained his real time work experience with students directly. And he also explained about the importance of bode plots and nyquist plot used in Fourier Transform.

Academic year: 2017-2018,

Conducted on: 09-10-2017.

Name of the Alumni/Speaker: M. JAGADISH

Designation & Organization: Assistant Loco Pilot in Indian Railways.

Topic delivered: Electrical Traction

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



BRIEF REPORT: Mr. M. Jagadish delivered his wonderful lecture on Electrical Traction and also gives about brief discussion on Dc series motor, Linear Induction Motor and AC Series motors used in Electrical Traction.

Academic year: 2017-2018,

Conducted on: 15-12-2017

Name of the Alumni/Speaker: S. Naveen Kumar

Designation & Organization: Assistant Loco Pilot in Indian Railways.

Topic delivered: Electric Locomotive Works.

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



BRIEF REPORT: Mr. S. Naveen delivered his amazing lecture on Electric locomotive draws power from the over head equipment (OHE) with the help of Pantograph and converts this electrical energy to mechanical energy, in controlled manner, through Traction Motors which drive the axles.

Academic year: 2017-2018,

Conducted on: 25-01-2018.

Name of the Alumni/Speaker: A. CHAITANYA.

Designation & Organization: Associate Software Developer in WIPRO Technologies in Bangalore.

Topic delivered: Modeling electrical circuits and panels using REVIT software.

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



BRIEF REPORT: Mr. A. Chaitanya delivered his wonderful lecture on Modeling Electrical Circuits, Panels and brief explanation on how circuits and panels by simulating using 3D modeling Building in Live.

Academic year: 2017-2018,

Conducted on: 05-03-2018

Name of the Alumni/Speaker: K. RAMESH

Designation & Organization: Junior Trainee in NTPC.

Topic delivered: Thermal Power Plant.

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



BRIEF REPORT: Mr. K. Ramesh delivered his wonderful lecture on Thermal Power plant and explain brief on boilers, coal pulverization, DC Excitation and Overall Efficiency of Thermal Power plant.



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Alumni Coordination Cell Academic Year 2017-18

Alumni Contributions

S.No	Name of the alumni	Dept	Year of graduation	Date	Type of contribution	No of students benefited
1	Mr. : M.S Dinesh	CSE	2010	10-08-2017	SEMINAR	45
2	Mr. G. Vara Prasad	CSE	2016	21-010-2017	SEMINAR	38
3	Ms. K. Anusha	CSE	2014	16-12-2017	SEMINAR	35
4	Ms.S . Uma Maheswari	CSE	2011	08-01-2018	SEMINAR	43
5	Mr.B. Rajesh	CSE	2010	01-02-2018	SEMINAR	48

Conducted on: **10-08-2017**

Name of the Alumni/Speaker: M.S Dinesh

Designation & Organization: Associate Software Engineer & Carrier Tech India Pvt.Ltd

Topic delivered: Security and Privacy in Social Networks..

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



BRIEF REPORT: Mr. .Dinesh delivered his wonderful lecture on Security and Privacy in Social Networks . He also explained his real time work experience with students directly. And he also explained about the importance of Security and Privacy in Social Networks.

Conducted on: **21-010-2017**.

Name of the Alumni/Speaker: G Vara Prasad

Designation & Organization: Junior software Trainee & Accenture.

Topic delivered: Data mining.

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



BRIEF REPORT: Mr. G Vara Prasad delivered his wonderful lecture on Data mining technology and also explained Data mining technology is one of the fast growing technology which is used in purchasing using credit card, records on each customer, web site logs and maintaining call records. Results which are provided by data mining are used as reference for researchers and business managers for analysis. This paper covers details about different aspects of data mining and more.

Conducted on: **16-12-2017**.

Name of the Alumni/Speaker: K. Anusha

Designation & Organization: Test Engineer & TCS.

Topic delivered: Internet of Things IOT Based Intelligent Bin for Smart City.

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



BRIEF REPORT: Ms. K. Anusha delivered his amazing lecture on Internet of Things IOT Based Intelligent Bin for Smart City. And she also explained The method of connecting objects or things through wireless connectivity, the Internet called Internet Of Things. Nowadays a variety of tasks are based on IOT. Cities in the world are becoming smarter by implementing the things around using IOT. This is a new trend in technology. Smart cities include obstacle tracking, object sensing, traffic control, tracking of our activities, examining the baby, monitoring home lights and so on. One of the objectives of smart cities is keeping the environment clean and neat. This aim is not fulfilled without the garbage bin management system.

Conducted on: **08-01-2018**

Name of the Alumni/Speaker: S .Uma Maheswari

Designation & Organization: Cloud Engineer & TCS.

Topic delivered: Quantum machine learning.

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



BRIEF REPORT: Ms. S .Uma Maheswari delivered his wonderful lecture on Quantum machine learning and also explained The pace of development in quantum computing mirrors the rapid advances made in machine learning and artificial intelligence. It is natural to ask whether quantum technologies could boost learning algorithms: this field of inquiry is called quantum-enhanced machine learning. The goal of this course is to show what benefits current and future quantum technologies can provide to machine learning, focusing on algorithms that are challenging with classical digital computers.

Conducted on: **01-02-2018**.

Name of the Alumni/Speaker: B. Rajesh

Designation & Organization: Front-end Developer & IBM.

Topic delivered: Wireless Networked Digital Devices.

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



BRIEF REPORT: Mr. Rajesh delivered his wonderful lecture on Wireless Networked Digital Devices. He also explained The proliferation of mobile computing devices including laptops, personal digital assistants (PDAs), and wearable computers has created a demand for wireless personal area networks (PANs). PANs allow proximal devices to share information and resources. The mobile nature of these devices places unique requirements on PANs, such as low power consumption, frequent make-and-break connections, resource discovery and utilization, and international regulations.