



DEPARTMENT OF MECHANICAL ENGINEERING

KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE : WARANGAL

Accredited by NAAC with 'A' Grade.

(An Autonomous Institute under Kakatiya University, Warangal)

Opp. Yerragattu Hillock, Warangal, Telangana-506015

PAGES

MAGAZINE

JUNE 2019

THE PRO-DIGY

-a sign of something happend....

Faculty Editorial Team :

1. Dr. K. Sridhar , Prof. & Head MED.
2. Dr. K. Eswaraiyah, Prof. MED .
3. Dr. P. Prabhakara Rao, Asst. Prof MED .
4. Sri. S. Anil Kumar , Asst. Prof MED .
5. Sri. K. Kishor Kumar, Asst. Prof MED.

Student Editorial Team :

1. Mr. K. Shravan Anand (IV/IV MECH I).
2. Mr. K. Akhil Raja (II/IV MECH II).



Estd: 1980

KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE, WARANGAL-15
(An Autonomous Institute under Kakatiya University, Warangal)
Accredited by NAAC 'A' Grade (CGPA:3.21)

Capt. V. Lakshmikantha Rao
Secretary & Correspondent



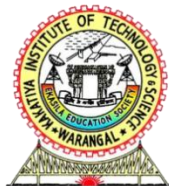
MESSAGE

I am very glad that the department of Mechanical Engineering of this Institute has unveiled "THEPRODIGY 2019", an annual departmental magazine displaying significance of the department and its involvement in improving the value of this institute. It gives me a pleasure reading this magazine consisting of a lot of valuable content and I whole heartedly appreciate the department and its editorial team for building this icon of fame.

I am fully convinced that this institution is self-sufficient in the objectives and values of true education and this work is indubitably a concrete form of this Learning Center's great Endeavour. I am sure that this book of great value inspires everyone to achieve more and set new bench marks to all the forthcoming generations.

I congratulate the students and Staff and wish a grand success.

Capt. V. LAKSHMIKANTHA RAO
Secretary & Correspondent, KITSW
MP (Rajyasabha)



Estd: 1980

KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE, WARANGAL-15
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Sri P. Narayana Reddy
Treasurer



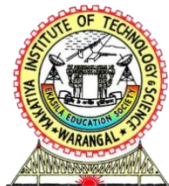
MESSAGE

From the inception of the institute in 1980, the Mechanical Engineering Department has been involved in imparting quality education and research through various programmes.

I believe that this work of bringing out a departmental magazine "THEPRODIGY" will be of great help to students as they can understand its vision, its mission and the varied ideas of the student community in the best way by witnessing all the happenings of the department in this year and realizing their true essence.

I deem it as a privilege to compliment the faculty and staff for the efforts and commitment put forth for making this a success. I wish the department all the success and I hope everyone enjoys learning from this magazine.

P. Narayana Reddy
Treasurer, KITSW



Estd: 1980

KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE, WARANGAL-15
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Dr. K. Ashoka Reddy
Principal



MESSAGE

The Mechanical Engineering department of KITSW has distinguished itself through its achievements and contributions in academics, research and social responsibility.

I feel that bringing out a magazine at departmental level is a breakthrough idea which connects every single person in the department and the content in it surely motivates everyone to put their best effort to improve the performance of the department.

I feel students are the primary benefiter of this work through which they can communicate, learn about the department and finally add another useful skill to themselves by contributing to this work.

As I look forward, I can visualize that this effort by the team will grow the standards of the department and improve its efficiency, quality, and strength.

Dr. K. Ashoka Reddy
Principal, KITSW



Estd: 1980

KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE, WARANGAL-15
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Prof. K. Sridhar
Head, MED



MESSAGE

As the Head of Mechanical Engineering department of this institute, I'm always immensely delighted for its distinction and excellence and feel that great responsibility of improving the standards and efficiency of the department is on my shoulders.

Our annual departmental magazine is one among those extraordinary works which glorifies the department as the title "THEPRODIGY" explains the motto very intensely.

I'm extremely happy that this tradition serves as a good purpose to unite the entire department and displays the strength in our students' thought process.

I wholeheartedly congratulate our team and appreciate for their efforts and I wish all the best.

Prof. K. Sridhar
Head, MED, KITSW

Preface

It is always an honour to be a part of success of our department and it is with that great spirit the present “THEPRODIGY” is built. People get truly inspired when they are informed or described about the success of the family, institute or the system with which they are strongly associated and it is the same foundational belief which motivated the publication of this annual departmental magazine.

As envisioned by the pioneers and veterans of this institute this is a pure attempt to enable our students to come up with their novel instincts and express them with their communicative ability on this big stage of extreme significance.

As “THEPRODIGY” is in its very fourth edition, it has a much bigger role of glorifying the might of Mechanical engineering department and its values and standing as an icon of the department’s pride and its well established identity.

To realize this biggest aspiration, the editorial team of THEPRODIGY has committed to have honor of describing every noteworthy aspect of this department in words of gratitude and to eternalize them to remain as source of inspiration for all the forthcoming generations.

Our sincere thanks to the management and the department for their support and for believing in the abilities of students which we consider as a precious boon to us and it really made us capable of unveiling this pride.

We hope every student in his reader role keeps inspiring himself and enjoys learning.

LEARNING NEVER ENDS

-CHIEF EDITORS

Department of Mechanical Engineering



Profile of the Department

The Department of Mechanical Engineering came into its existence right from the inception of the KITSW in the year 1980 and has been serving as catering department to other disciplines. The Department is one of the largest in terms of faculty, students, and activities, continues to lead and expand its activities in various directions. The department currently runs undergraduate programme, one post graduate program in M. Tech Design Engineering and offering a Ph. D programme, 26 Research scholars have registered so far and out of which two candidates are awarded with Ph. D Degree and remaining are pursuing their Ph. D work in the areas of Thermal, Production, Materials and Design. The B. Tech (Mechanical Engineering) course was accredited four times by NBA.

Department has a total of 35 qualified, experienced and committed senior faculty and 8 of them are with Ph. D. degrees. Rest of faculty members possess M. Tech. Degrees and are pursuing their Ph.D. programmes and 10 skilled technical staff to associate with different laboratories. The faculty has been engaged in research in all the classical areas of Mechanical Engineering and upcoming areas like alternative fuels, solar energy, unconventional machining, composite materials, Nano Fluids and powder metallurgy. The department has got grants under MODROBS from AICTE, Minor Research Projects from UGC. The department is very well equipped with resources both in terms of conventional equipments and latest software's. Department has more than 180 computing systems and workstation loaded with wide range of engineering software products covering all areas of mechanical engineering like ANSYS,CFD,CREO,AUTOCAD, and EDGE CAM. The department has a central workshop facility well equipped with the basic infrastructure to impart technical training to the students of all disciplines. The academic activities are supported by 15 laboratories and one Center of Excellence, IAAHP.

The Department has strong industry-institute linkage and is extending services for industrial consultancies. The students are consistently securing good ranks/scores in all competitive examinations like UPSC/GATE /GRE/CAT/GMAT/TOEFL/IELTS examinations. Alumni of the Department are spreaded over across the Globe.

Milestones of the Department:

Year of Establishment: 1980

- 1980 : Department started with Two B.Tech programmes in
 1. Production Engineering
 2. Industrial Engineering.
- 1983 : The two B.Tech Programmers are merged to Mechanical Engineering.
- 1985 : Started B.Tech programme in Mechanical Engineering for Diploma Students.(Lateral entry Scheme)
- 1992 : Curriculum Revised
- 1997 : Conducted National Workshop on CADD
- 2000 : Conducted AICTE sponsored Short term Training Programme on TEUCEMS
- 2000 : Curriculum Revised
- 2001 : Accredited by National Board of Accreditation (3 Years)
- 2002 : B.Tech Programme in Production Engineering is introduced
- 2003 : National Conference on Trends in Mechanical Engineering TIME-03
- 2003 : National Level Students Technical Symposium MECHOVISION-03
- 2004 : Second National Conference on Trends in Mechanical Engineering TIME-04
- 2004 : M.Tech Programme in Design Engineering is introduced
- 2004 : Recognized as Research center by Kakatiya University
- 2004 : Curriculum Revised
- 2005 : Third National Level Students Technical Symposium MECHOVISION-05
- 2006 : Re-Accredited by National Board of Accreditation (3Years).
- 2008 : B.Tech programme in Production Engineering is Surrendered and opted Additional intake of 60 in Mechanical Engineering
- 2008 : National Level Students Technical Symposium MECHOVISION-08
- 2009 : Inauguration of SAE India Collegiate Club
- 2009 : All India 2nd Rank in GATE-09
- 2010 : National Level Students Technical Symposium MECHOVISION-10
- 2010 : National Conference on Trends In Mechanical Engineering TIME'10
- 2011 : National Level Students Technical Symposium YANTRANG'11
- 2012 : National Level Students Technical Symposium MERIDIAN'12
- 2012 : Re-Accredited by National Board of Accreditation (3Years).
- 2012 : Organized National Level Students Technical Symposium MERIDIAN'12
- 2012 : Organized SAE Student Convention Tier-I Event on 8th & 10th Sep.2012.
- 2013 : MOU Signed with Fiber Glass Industries Association of Andhra Pradesh (FIAAP) Hyderabad on 25th February.
- 2013 : M/s Hyundai Motors recognized the Department as a Potential center for taking up research i activities and provided a Santro Xing engine.
- 2013 : Organized National Level Students Technical Symposium SUMSHODHINI-13.
- 2014 : MOU Signed with Vasantha Tool Crafts Pvt. Ltd., Hyderabad on 12th July.
- 2014 : Organized National Level Students Technical Symposium YANTRAANG-14
- 2016 : Indian Institute of Plant Engineers (IPE) recognized department of Mechanical Engineering as the nodal point for local student chapter at KITS, Warangal on January, 2016.
- 2016 : Re-Accredited by National Board of Accreditation (3Years).
- 2016 : Organized National Level Students Technical Symposium SUMSHODHINI-16
- 2016 : Organized National level Faculty Development Programme Research Methodology & Computational Techniques (RMCT-16).
- 2017 : Organized National Level Students Technical Symposium SUMSHODHINI-17
- 2017 : Organized National Level Students Technical Symposium SUMSHODHINI-17 ver.2.
- 2017 : Organized National Level Students Workshop on Composite Materials
- 2017 : Organized National Level Students Workshop on 3D Printing
- 2018 : Organized National level Faculty Development Programme on Engineering Drawing
- 2018 : Organized National Level Students Technical Symposium (Smart Mechanical Systems) SUMSHODHINI-18
- 2018 : Organized One Week STTP on Hands on Programme on Ansys Software (HPAS-18)

- 2019 : Organized One Week Workshop on Research Methodology (RM-19).
- : Organized One Week Refresher course on Training in Mechanical Engineering Laboratories for Technical Staff.
 - : Organized One day workshop on Refrigeration & Air-conditioning in - Industrial Applications
 - : Organized Two days workshop on Finite Element Methods.

VISION OF THE INSTITUTE

- To make our students technologically superior and ethically strong by providing quality education with the help of our dedicated faculty and staff and thus improving the quality of human life.

MISSION OF THE DEPARTMENT

- To provide latest technical knowledge, analytical and practical skills, managerial competence and interactive abilities to students, so that their employability is enhanced.
- To provide a strong human resource base for catering to the changing needs of the Industry and Commerce.
- To inculcate a sense of brotherhood and national integrity.

VISION OF THE DEPARTMENT

- To be a centre of excellence in Mechanical Engineering, to provide the best teaching-learning and research environment, to produce high quality professionals and entrepreneurs to cater the needs of society.

MISSION OF THE DEPARTMENT

- To impart quality education that builds strong ethical attitude, technical knowledge and professional skills by providing congenial teaching-learning environment.
- To nurture the reasoning, problem solving and research capabilities of learners by providing the state-of-the-art facilities, to meet the changing needs of society.
- To inculcate life-long learning and leadership traits for successful professional careers, by counseling and mentoring.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PEO1: To provide comprehensive knowledge in basic sciences, mechanical engineering and multi disciplinary areas.

PEO2: To apply modern tools and techniques to design, analyze, interpret and solve mechanical and allied engineering problems and communicate them effectively.

PEO3: To impart responsibility towards socio-technical, economical, environmental and energy related issues

PEO4: To inculcate professionalism, ethical attitude, team spirit and lifelong learning to achieve career goals.

PROGRAM OUTCOMES (POs)

Engineering Graduates will be able to:

PO1: Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.

PO2: Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.

PO3: Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate

consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO4: Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5: Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO6: The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO7: Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9: Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10: Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO11: Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO12: Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1: To apply learned principles and knowledge in various applications of materials, design, thermal, production and industrial engineering.

PSO2: To model, analyze, design, develop and implement advanced mechanical systems or processes.

FACULTY PROFILE

Photo	Name/Designation	Photo	Name
	Dr. K. Sridhar Professor & Head Dean Student Affairs Ph.D (Energy Systems)		Dr. K. Eswaraiiah Professor Ph.D (Production Engg.)
	Dr. P. Venkateswara Rao Professor Ph.D (Alternate Fuels)		Prof. R. Ravinder Rao Professor & I/C Alumni Affairs M.Tech (Production Engg)
	Dr. K. Raja Narendra Reddy Professor & Controller of Examinations Ph. D (Natural Fiber Composites)		Dr. P. Srikanth Professor, Training & Placement Officer Ph. D (Production Engg.)
	Dr. G. Ganesh Kumar Associate Professor Ph. D (Heat Transfer)		Dr. U. Shrinivas Balraj Associate Professor Ph.D (Electrical Discharge Machining)
	Sri P.S.S. Murthy Assistant Professor M. Tech (Ph.D) (Mechanical Vibrations)		Sri J. Laxman Assistant Professor M. Tech. (Ph.D) (Electrical Discharge Machining)
	Sri S. Chandramouli Assistant Professor M. E. (Ph.D) (Electrical Discharge Machining)		Dr. P. Prabhakara Rao Assistant Professor Ph.D (Foundry & Forge Tech.)
	Dr. G. Srinivasa Rao Assistant Professor Ph.D (Heat Transfer)		Sri Ch. Karunakar Assistant Professor M. E. (Ph. D) (Production Engg.)
	Sri G. Vinod Kumar Assistant Professor M. E. (Ph.D) (Solar Energy)		Sri S. Ramesh Assistant Professor M. Tech. (Ph.D) (Heat Transfer)
	Sri A. Hari Kumar Assistant Professor M. E. (Ph.D) (Design Engg.)		Sri S. Anil Kumar Assistant Professor M. Tech. (Ph.D) (Solar Energy)
	Sri K. Kishor Kumar Assistant Professor M. Tech. (Ph.D) (Composite Materials)		Sri M. Anil Kumar Assistant Professor PGTD (Tool Design)

	Smt. P. Anitha Assistant Professor M. Tech. (Ph. D) (Metal Matrix Composites)		Sri S. Sripathy Assistant Professor M. Tech. (Ph. D) (Composite Materials)
	Sri B. Ravi Kumar Assistant Professor M. Tech. (Design Engg.)		Sri V. Srikanth Assistant Professor M. Tech. (Ph.D) (Composite Materials)
	Sri V. Prasanna Assistant Professor M. Tech. (Ph. D) (AMS)		Sri D. Sammaiah Assistant Professor M. Tech (AMS)
	Ms. P. Divya Assistant Professor M. Tech. (Design Engg.)		Ms. V. Laxmi Priyanka Assistant Professor M. Tech. (Machine Design)
	Sri V. Rakesh Assistant Professor M. Tech. (Ph. D) (Design Engineering)		Sri P. Anil Kumar Assistant Professor M. Tech. (Ph. D) (Engineering Design)
	Sri P. Sreedhar Assistant Professor M. Tech. (Ph. D) (Industrial Metallurgy)		Sri V. Rajesh Assistant Professor M. Tech (AMS)
	Sri Abhay B Lingayat Assistant Professor M. Tech. (Ph. D) (Thermal Engineering)		Ms. A. Keertichandra, Assistant Professor M. Tech. (Design Engg.)
	Ms. G. Sumithra Assistant Professor M. Tech. (Design Engg.)		

SUPPORTIVE STAFF

	Sri M. Madhukar Computer Programmer M.C.A		Sri A. Rathnakar Instructor I.T.I
	Sri D. Kishan Mechanic I.T.I		Sri M. Madhusudan Sr. Mechanic D.M.E
	Sri A. Pochalu Sr. Mechanic I.T.I		Sri K. Venkata Ramana Mechanic I.T.I
	Sri Md. Vilayath Ali Instructor D.M.E		Sri K. Ravi Kumar Mechanic D.M.E
	Sri K. Shankarachary Instructor I.T.I		Smt. G. Saroja Data Entry Operator (B.Com)

Our labs, a practical playfield of our concepts

Our department is superior to many premier institutes in this state in terms of its standard laboratory equipment which is the department's biggest potential. With top class equipments available, students in the department always spend their time in labs by involving themselves with one or the other practical work. Such an extraordinary laboratory facilities allow both faculty and students to carry out their research work with lot of ease regardless of its complexity in its pursuance.

It's always a proud feeling to witness all those facilities in our own department.

S. No.	Name of the Laboratory	Name of the important equipment	Labs at Glance
1	MCAD LAB	1. P-4 Server 2. P-4 Workstations 3. 10 KVA Scan Power Ups 4. Networking Hubs 5. Softwares	
2	CAM & SIMULATION	1. STARTURN CNC Turning Centre 2. CNC Milling Machine 3. P-IV Computers	

3	DYNAMICS OF MACHINERY	1. Gyroscope 2. Whirling of shafts apparatus 3. Governor apparatus 4. Cam analysis machine 5. Static & dynamic balancing apparatus 6. Vibration lab	
4	MATERIAL SCIENCE & METALLURGY	1. Microscopes 2. Belt Grinder 3. Disc Polisher 4. Sample Mounting press 5. Muffle furnace 6. Specimen leveller 7. Specimen Drier 8. Rockwell hardness testing Equipment 9. Single pan balance 10. Electric tube furnace with controlled atmosphere facility 11. Bench Grinder	
5	HEAT TRANSFER	1. Thermal conductivity of insulating powder 2. Heat transfer in natural convection 3. Heat transfer from the Pin-Fin Apparatus 4. Heat transfer in forced convection 5. Heat transfer through composite walls 6. Critical heat flux apparatus 7. Emissivity measurement Apparatus 8. Thermal conductivity of metal rod 9. Parallel and counter flow heat exchanger 10. Thermal conductivity apparatus 11. Heat transfer	

		through Vacuum 12. Heat transfer through Heat pipe.	
6	FUELS & IC ENGINES	1. Rams bottom Carbon residue test, 2. Bomb calorimeter, 3. Cleveland's Flash and Fire point apparatus, 4. Redwood viscometer, 5. Say bolt viscometer, 6. Junkers Gas Calorimeter, 7. Abel's Flash point apparatus 8. Single Cylinder Diesel Engine 5 H.P. with Rope Brake 9. Single Cylinder Diesel Engine 5 H.P. with Electrical Dynamometer for Valve Time Diagram 10. Twin Cylinder Diesel Engine 10 H.P. with Hydraulic Dynamometer 11. Single Cylinder Petrol Engine 3 H.P. without Dynamometer 12. Four Cylinder Petrol Engine 10 H.P. with Hydraulic Dynamometer (Ambassador) 13. Two Stage Reciprocating Air Compressor	 

7	MACHINE SHOP	1. MMM Lathe Machines 2. Jayam skim lathe machines 3. All geared Lathe Machines 4. Shaper machine 5. Horizontal Milling machine 6. Bench Grinder 7. Radial Drilling Machine 8. Tool & Cutter Grinder 9. Slotter 10. Three Component Digital Lathe tool Dynamometer	
9	MEASUREMENTS & METROLOGY	1. Sine Bar, 2. Universal bevel protractor 3. Protractor, 4. Digital Vernier 5. Micrometer 6. Three wire set thread pitch micro meter	
10	MECHATRONICS	1. LSM Controller-capable of 6 Axes (Max) & PLC, 2. Programmable Logic controller with Ladder Diagram S/W, 3. 5KVA online UPS 4. P- Simulator 5. H-Simulator 6. P-IV Computers	
11	ENERGY ENGINEERING	1. Air-Conditioning tutor (Lab unit) 2. Window-Air conditioning testing 3. Electrolux vapor absorption Refrigeration test rig 4. Vapor compression refrigeration Test rig 5. Vortex tube refrigeration system 6. Solar water heating	

		system. 7. Solar air heating system 8. Solar panel in series and parallel	
12	WORKSHOP	1. AC Welding Machine 2. portable grinding Machine 3. Power hacksaw machines shearing equipment 4. flywheel press 5. Vernier Height Gauge 6. anvils, 7. Surface Plate 8. Disc cutter	
13	MANUFACTURING PROCESS	1. Sand weighing scale 2. Clay washer model 3. Mould Hardness tester 4. Shatter index tester with brass sieves 5. Shatter index tester M.S. sieves 6. Sand mixer 7. Sand Rammer 8. Sand Permeability tester 9. Universal sand strength machine 10. Digital single Pan balance 11. AC,DC Welding Machines, 12. Bend test equipment	
14	MECHANICAL RESEARCH	1. Acer desktop Systems -30 2. Creo 1.0 3. Ansys 14.0 4. 10Kva online UPS	

15	INDO-AMERICAN ARTIFICIAL HEART PUMP (IAAHP)	1. Work Station 2. 3D Printer	
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Mechanical Engineering Students Association (MESA)

The Mechanical Engineering Student Association (MESA) is the premier body of Mechanical Engineering department in KITSW and is formed out of voluntary enthusiasm and extreme passion of its students to discover the deepest knowledge of their interests.

Under the extraordinary guidance of Head of the department, faculty and with their unconditional and invaluable support, students here in the association improve their every skill and strive with an obsession of carving their capabilities to perfection and mastery.

The executive council of MESA is constituted for the academic year 2018-19. The following are the office bearers nominated for various positions of MESA.

Prof. K. Sridhar, Head, MED			
Dr. P. Prabhakara Rao, Asst. Prof, Faculty In-charges (MESA)			
Sri S. Anil Kumar, Asst. Prof Faculty In-charges (MESA)			
S.No	Position	Section	Name of the Student
1.	President	4M1	K. Shravan Anand (B15ME007)
2.	General Secretary	4M1	V. Pavan Kalyan (B16ME123L)
		4M2	G. Sai Lenin(B15ME111)
3.	Joint Secretary	3M1	N. Karthik (B16ME007)
		3M1	A. Sri Vardan Kaushik (B16ME050)
		3M2	S. Akhilesh (B16ME073)
4.	Treasurer	4M1	T. Aravind Datta (B15ME050)
		3M1	K. Sony (B16ME009)
5.	Public Relations In-charge	3M1	P. Gopi Chander (B16ME008)
		2M3	G. Sri Ram (B17ME132)
6.	Executive Members	4M1	P. Samved (B15ME008)
		4M1	G. Praharsha (B15ME010)
		4M1	Ch. Rahul (B15ME038)
		4M2	K. Nayeem Ahmed (B15ME110)
		4M2	P. Akhil (B15ME102)
		3M1	T.Lavanith (B16ME031)
		3M1(Lateral)	Zeenath (B17ME130L)
		3M2	R. Sumanth (B16ME078)
		3M2	S. Bindhu Bhargavi (B16ME074)
		3M2(Lateral)	V. Shirisha (B17ME135L)
		2M1	T. Akash Reddy (B17ME008)
		2M1	E. Srija Rao (B17ME020)
		2M1(Lateral)	Ch. Sai Kumar (B18ME185L)
		2M2	K. Akhil Raja (B17ME061)

		2M2	V. Sindhuja(B17ME095)
		2M2(Lateral)	A. Chandu (B18ME193L)
		2M3	K. Sai Charan (B17ME133)
		2M3	G. Akhila (B17ME178)

Events held under Mechanical Engineering Student Association for the academic year 2018-2019

All the activities in **MESA** have been handpicked by the veterans of the department with meticulous efforts put into the design process and the following gives the detail information and schedule of various programs to be conducted in this year.

An hour i.e. from 12.10 pm to 1.00pm on every Tuesday is completely devoted to **MESA** activity with the information properly disseminated to every corner of student community prior to the event.

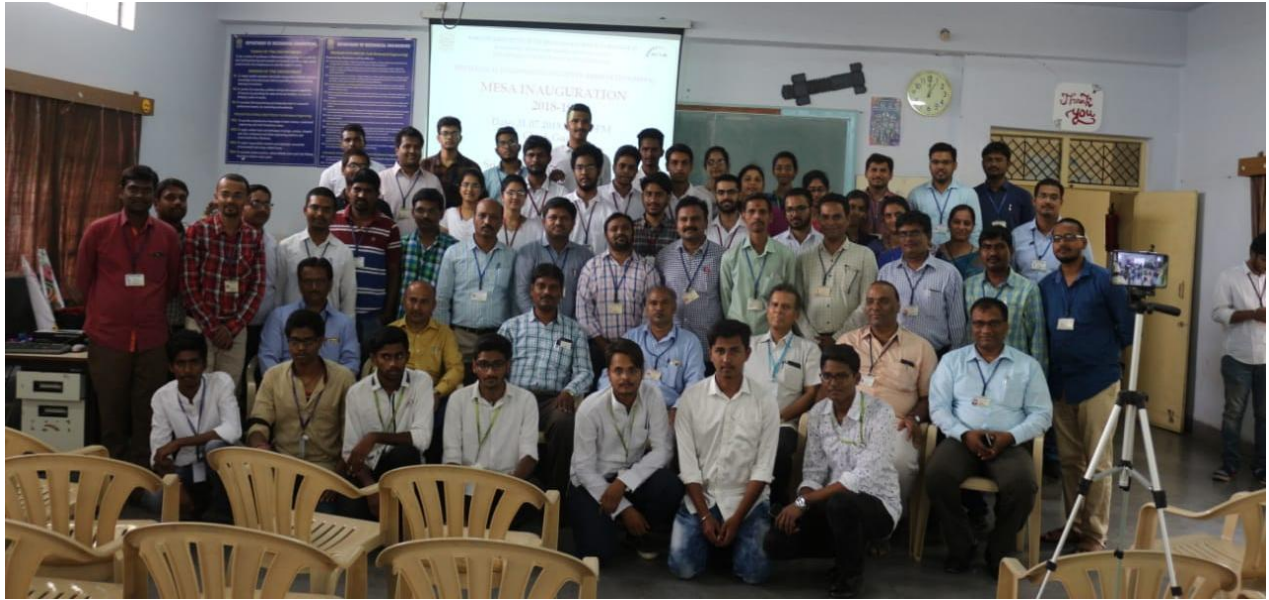
S. No	Date of the event	Name of the event	No. of students participated
1.	31-07-2018	Inaugural Session of MESA Body	150
2.	07-08-2018	Group Discussion	75
3.	14-08-2018	3D printing Demonstration	100
4.	28-08-2018	Aurduino Programming	50
5.	04-09-2018	JAM (Just a minute)	80
6.	11-09-2018	Aurduino Programming	80
7.	25-09-2018	Guest lecture	200
8.	23-10-2018	Interactive session	120
9.	30-10-2018	Portrait commenting	100
10.	08-01-2019	Cultural events	80
11.	22-01-2019	Debate	90
12.	29-01-2019	Domain Knowledge Training for Employability	100
13.	05-02-2019	Advancements in CAD-Mechanical Engineering	150
14.	09-02-2019	Training Session for IDEATHON 2K19 Day-I	80
15.	12-02-2019	Training Session for IDEATHON 2K19 Day-II	82
16.	26-02-2019	Basics of Computational Fluid Dynamics	70
17.	05-03-2019	CFD Session/ CANTER CADD	52
18.	12-03-2019	IDEATHON 2K19 Competition	51
19.	13-03-2019	Refrigeration and Air-conditioning in Industrial Applications	105
20.	19-03-2019	Survey By SRIX	70
21.	26-03-2019	Interaction	80
22.	02-04-2019	Expert Talk	100
23.	09-04-2019	Interaction on Research papers	150

Mechanical Engineering Student Association actively planed and organized several above mentioned activities to make students enthusiastic in learning other things apart from the curriculum. Main motto of the association is to develop the students in the path of technical and also improvement in the communicational skills. We organized few expert lectures to expose the students of Mechanical engineering to new methodology adopted.

MESA INAGURAL 2018

As a part of INAGURAL FUNCTION of MESA 2018 department has A Swaraj Kumar, DME Diesel Loco Shed and Srinivas Rao Naik , SSC Diesel Loco Shed as Chief Guest for the function. He had conducted a student interactive session where he discussed on how the students can improve their prospects and what the steps to be taken to improve their knowledge.

Both have also discussed about project ideas and the skills to be improved by a student of Mechanical Engineering.



A Swaraj Kumar, DME Diesel Loco Shed and Srinivas Rao Naik , SSC Diesel Loco Shed along with faculty and students in the inaugural session of MESA 2018-19

Smart Mechanical Systems - Workshop

Pre symposium workshop on Smart Mechanical Systems was organized by Department of Mechanical Engineering in association with ISTE-KITSW chapter during 04th & 05th October, 2018. Mr. Subash Pillai, CEO, Imagine to Innovate was the resource person for this program. Basic requirements for Arduino Projects were provided to the students. A total of 111 students attended the workshop.

Mr. Subash Pillai along with his team has delivered a lecture to students on Automation Technique, its scope & its applications. He has discussed on various topics like Arduino Programming, Future scope of Robotics etc. At the end of the workshop, certificates were given to all the registered participants.



Inaugural session of Smart Mechanical Systems workshop



Team Imagine to Innovate discussing with the students regarding various projects



Valedictory session of Smart Mechanical Systems Workshop

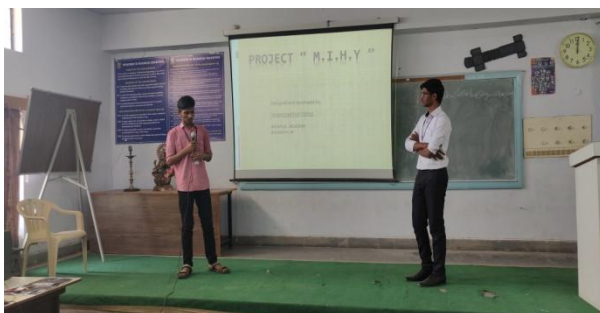
Professional Activities

S. No	Name of the Event	Organized Under	Resource Person	Date(s)	No. of participants
1.	IDEATHON 2K19	Jointly organized IIC EDC and MESA KITS WARANGAL	Dr. K. Sridhar, Profssor & Head, MED	12 th March, 2019	55
2.	Workshop on Smart Mechanical Systems	Jointly organized ISTE and MESA KITS WARANGAL	Sri SubhashPilla, CEO, Imagine to Innovate, Chennai	4 th to 5 th October, 2018	111
3.	Robo Race	Jointly organized ISTE and MESA KITS WARANGAL	Sri A. Hari Kumar, MED, KITS Warangal	6 th October, 2018	55
4.	Robo War	Jointly organized ISTE and MESA KITS WARANGAL	Sri Ch. Karunakar, MED, KITS Warangal	6 th October, 2018	17
5.	Robo Soccer	Jointly organized ISTE and MESA KITS WARANGAL	Sri S. Anil Kumar, MED, KITS Warangal	6 th October, 2018	47

6.	Line Follower	Jointly organized ISTE and MESA KITS WARANGAL	Sri S. Ramesh, MED, KITS Warangal	6 th October, 2018	34
7.	Rocketrix	Jointly organized ISTE and MESA KITS WARANGAL	Sri K. Kishore Kumar, MED, KITS Warangal	6 th October, 2018	13
8.	Rustle Up	Jointly organized ISTE and MESA KITS WARANGAL	Sri J. Laxman, MED, KITS Warangal	6 th October, 2018	32
9.	Paper Presentations	Jointly organized ISTE and MESA KITS WARANGAL	Sri S. Chandramouli, MED, KITS Warangal	6 th October, 2018	34

IDEATHON 2K19:

The IDEATHON 2K19 event is jointly organized by MESA, IIC and EDC of KITSW. Fifty (55) Students participated for this event. Students were given presentations different topics on their ideas. Certificates were given to all the participants and Prizes were distributed to the winners.



WINNERS:

- | | | |
|-----------------|---|---|
| 1) FIRST PRIZE | : | TEAM HOLZHUNDIN (Topic: Drone with Gun) |
| 2) SECOND PRIZE | : | KALYAN (Topic: Herb Farming) |
| 3) THIRD PRIZE | : | STARTUP TEENS (Topic: Project MIHY) |

CONSOLATION PRIZES:

- 1) TEAM MIGHTY MOVERS (Topic: Alternate Energy Source)
- 2) TEAM ROVER (Topic: Electric Cars and Conversion Kit)

SMART MECHANICAL SYSTEMS - WORKSHOP

Pre symposium workshop on Smart Mechanical Systems was organized by Department of Mechanical Engineering in association with ISTE-KITSW chapter during 04th & 05th October, 2018. Mr. Subash Pillai, CEO, Imagine to Innovate was the resource person for this program. Basic requirements for Arduino Projects were provided to the students. A total of 111 students attended the workshop.

Mr. Subash Pillai along with his team has delivered a lecture to students on Automation Technique, its scope & its applications. He has discussed on various topics like Arduino Programming and future scope of Robotics. At the end of the workshop, certificates were given to all the registered participants.



Inaugural session of Smart Mechanical Systems workshop on 4 October 2018.





During Training session to the students by Imagine to Innovate Trainer

The following events were conducted as a part of National Technical Level Fest Symposium Sumshodhini 18 organized by the Mechanical Engineering Student Association (MESA) and ISTE Student Chapter, KITSW during 6th October 2018.

- 1) Robo Race
- 2) Robo War
- 3) Robo Soccer
- 4) Line Follower
- 5) Rocketrix
- 6) Rustle Up
- 7) Paper Presentations

Robo Race:

Fifty Five students participated during this event. At the end of the event, certificates and prizes given to all the registered participants. First Prize given to Force Racing 2.0 Team, Second Prize given to Ignition Riders and Third prize given to Mech Avengers.



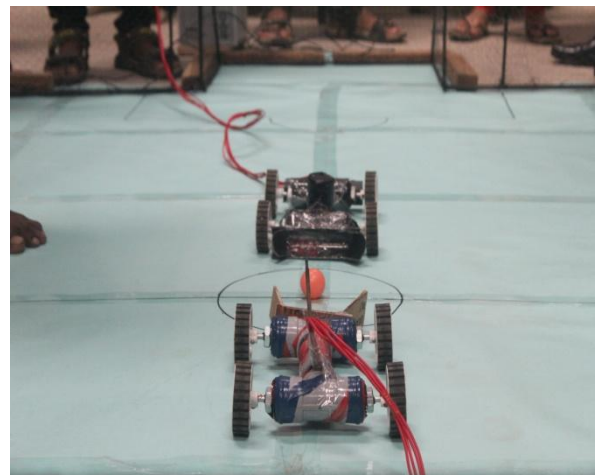
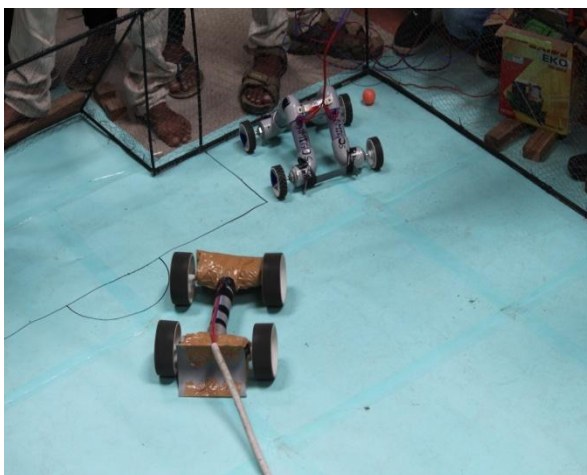
RoBo War:

Seventeen students participated for this event. At the end of the event, certificates and prizes given to all the registered participants. Sumath and Team given to First Prize and Eagle team to Second Prize.



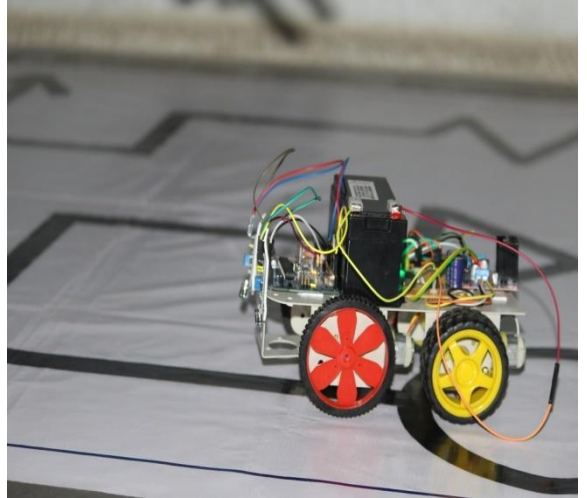
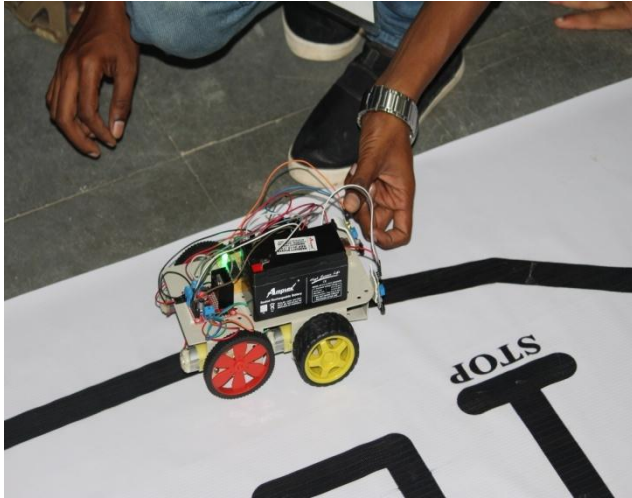
Robo Soccer:

Forty Seven students participated during this event. At the end of the event, certificates and prizes given to all the registered participants. First Prize given to Amigos Team, Second Prize given to Ignition Riders and Third prize given to Avengers.



Line Follower:

Thirty Four students participated during this event. At the end of the event, certificates and prizes given to all the registered participants. First Prize given to Ch. Sujith & Team , Second Prize given to G. Sri Ram & Team and Third prize given to B. Ajay & Team.



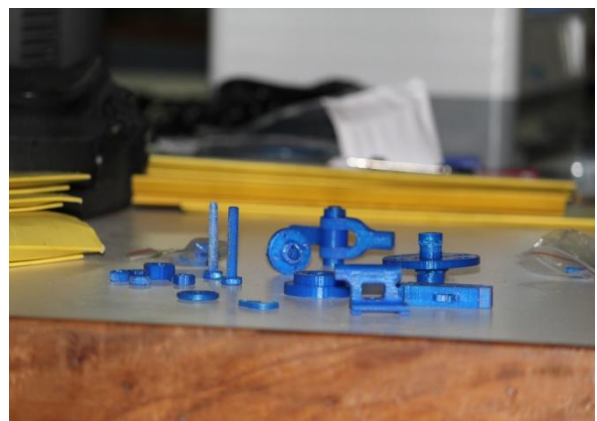
Rocketrix:

Thirteen students participated for this event. At the end of the event, certificates and prizes given to all the registered participants. N. Hemanth & L. Chanti given to First Prize and S. Pradeep to Second Prize.



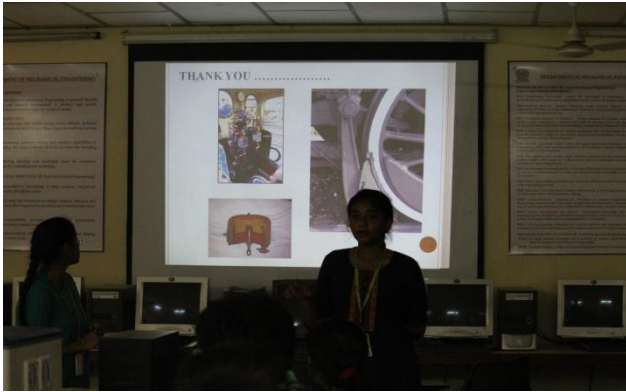
Rustle Up:

Thirty Two students participated for this event. At the end of the event, certificates and prizes given to all the registered participants. D. Rajesh & Team given to First Prize and Akhil Raja & Team given to Second Prize.



Paper Presentations:

Thirty Four students participated during this event. At the end of the event, certificates and prizes given to all the registered participants. First Prize given to A. Sri Vardhan Kaushik, Second Prize given to G. Prathibha and Third prize given to B. Akhil Sai.



SAE Activities during 2018-19

ACADEMIC YEAR 2018-2019							
S.No	Event Name	List of students	Year of students	SAE Section	Event Venue	Dates of Event	Position
1	FFS-FMAE-2018	Druva teja(Captain) Vamshi K N Karthik Vasanth P.Likhith T.Jashwanth P.Gopi chandar M.Manideep N.Amrutha S.Akhilesh V.Varun T.Akashreddy Ch.Sastry B.Vasanth K.Hrushikesh M.Kartheek A.Sai chandan V.Vamshi K.Vivek joshi G.Harsha vardhan P.Roshan S.Venkat sai P.Saicharan S.Kousalya G.Nikitha	III & II & I B.Tech Mechanical	-----	Kari Motors Speed Way- Coimbatore- Tamilnadu	September -2018	Participated in Dynamics
2	NKEC	M.Sampath M.Akhil S.Akhilesh A.Narayana Raju M.Sharath Chandra M.Ranga Reddy N.Sreeja M.Kavya M.Srilekha G.Siddharth Reddy H.Manas Reddy K.Akhil Raja N.Rahul M.Sai Vineeth V.Sri Venkat P.Manish Reddy P.Ajay G.Vishal P.Vishal	II & I Mechanical	---	RGPV, Bhopal	26 th to 29 rd March, 2019	Overall 8th position

A Report on National Electric Kart Championship (NEKC'19)

National Electric Kart Championship (NEKC) is the event that challenges young minds to compete as teams in designing an Electric category vehicle, there is no other event like this in the country. To develop a vehicle consisting of various subsystems meeting engineering specifications, timelines and above all meeting safety standards is a challenge not for the faint hearted. And then making the rubber hit the road at the premium race track under the gazing eyes of experienced technical experts and other enthusiasts is a thrill not just for the participants but for the mobility community at large.

This event provides opportunity for the engineering students by setting up the trend of using eco- friendly vehicle in India and come up with some innovative designs.

As a one year long challenge across multiple stages comprising of design defence, qualifying virtual, multiple rounds of technical inspections and actual construction of vehicle, this event helps shape future engineers through competitive spirit and encompasses all elements of a vehicle building for aesthetics in design, to the choice of parts through structure design and modeling, to fabrication and testing. This event sets the stage to assess the capability for teamwork, Entrepreneurship, leadership and management skills of student.

NEKC is an Inter collegiate design and fabrication competition for the undergraduate and graduate engineering students where team of 5-25 students have to design and fabricate an KART vehicle battery powered four wheeled electric vehicle.

Total 54 teams were selected based on virtual round held in the month of November 2017.our team secured 15th position in the virtual round. The event was held at RGPV, Bhopal from 26th March, 2019 to 29rd March, 2019. A team of 21 students, along with one faculty advisor had participated in the event.



During vehicle inauguration in the College



During Technical Inspection



During Endurance Test

The Faculty Coordinator has received Dronacharya Award and cash prize of **5000 rupees**. The students were happy to receive the award. The team in which consist of students of 3rd year and 2st year had been participated. Total 54 teams were registered for NEKC 2019 event, out of 54 teams only 25teams were qualified for the final endurance and KITSW is one among those qualified teams. Finally we stood at 8th position in all over India and in 1st place from Telangana state.



Team after validation Ceremony



FORCE RACING -KITSW

REPORT ON FFS PARTICIPTION

Force Racing, an official formula student team from the prestigious institute KITSW. It is a team of 40 young talented automobile enthusiasts who will design, fabricate and market a formula student type vehicle. Every year this team participates in three national level design competitions where teams from all over the country come with a common aim to learn the engineering and managing skills. The competitions are SAE SUPRA, FFS_FMAE, and FORMULA BHARAT.

After much iteration and changes in the design, team has started the fabrication work. The work has been continued nearly a month. After many issues and rigorous changes, FR'18 came to live. The event FFS_FMAE is held in September 2018 at KARI MOTOR SPEEDWAY, Coimbatore.

From 35 teams registered for the event, 12 teams have cleared the technical inspection successfully. Students learnt many things from this event.



A Report on Industrial Visit to Kakatiya Thermal Power Plant (KTPP)- Chelpuru, Bhupalpally

The Department of Mechanical Engineering, Kakatiya Institute of Technology & Science- Warangal has organized a one day Industrial visit to Kakatiya Thermal Power Plant- Chelpuru, Bhupalpally on 4th September, 2018 for III semester B.Tech Mechanical Engineering students. The visit was organized with the prior permission and guidance from Dr. K. Ashoka Reddy, Principal and Prof. K. Eswaraiah HOD, MED. A total of 45 students of class 2M2 along with 4 faculty members have participated in this Industrial visit.

The students of IIIrd semester Mechanical Engineering as well as the staff members have been inspired by the technical endeavor at the Industries. The company personnel have breathed a new life into the hearts of students. The visit was a great learning experience and particularly a memorable one with all the good times spent. All the staff members and students are extremely thankful to the Dr. K. Ashoka Reddy, Principal and Prof. K. Eswaraiah, Head, MED for their support and encouragement.

Industrial Visit Details:

The Tour was stated on 4th September, 2018 at 7.30 am. Traveling from Warangal to KTPP- Chelpur by Bus. We reached KTPP by 10:00 AM on the same day.



Prof. K. Eswaraiah Head, MED addressing the students

After taking the gate pass they had allowed us to enter the plant. There they had allotted three Assistant Engineers Er. S. Krushival, Er. Vijay and Er. Mythry were allotted as tour guides for our plant visit by Er. Rathnakar garu Assistant Divisional Engineer. There they had divided the students into three groups for boiler visit. They had explained about the thermal power plant and working of boiler, turbine, coal handling plant, electronic control unit and Electro static precipitators. The plant visit was completed by 1.00 pm. Then we met Er. Rajender garu Divisional Engineer and thanked him for permitting our students for plant visit and we had presented a memento as token of gratitude. We had done our lunch in the canteen of KTPP and returned to Warangal. We were started at 2.30pm from KTPP and reached Warangal by 4.30pm on the same day.



During visit to Electronic Control Unit (ECU)



Group photo taken in front of service building at KTPP, Chelpur on 4th Sept 2018



Presenting Memomto to Er. T. Rajender garu Devisional Engineer (KTPP)

Faculty accompanied during the Industrial Visit:

1. Sri. K. Kishor Kumar, Assistant Professor, MED.
2. Sri. V. Sampath, Assistant Professor, MED.
3. Ms. G. Kavya sree, Assistant Professor, MED.
4. Ms. V. Lakshmi Priyanka, Assistant Professor, MED.

**A Report on
Industrial Visit
to
Kakatiya Thermal Power Plant- Chelpur, Bhupalpally**

The Department of Mechanical Engineering, Kakatiya Institute of Technology & Science- Warangal has organized a one day Industrial visit to Kakatiya Thermal Power Plant- Chelpur, Bhupalpally on 9th February, 2019 for VI Semester B.Tech Mechanical Engineering students. The visit was organized with the prior permission and guidance from Dr. K. Ashoka Reddy, Principal and Prof. K. Eswaraiah HOD, MED. A total of 43 students of class 3M2 along with 5 faculty members have participated in this Industrial visit.

The students of VIth semester Mechanical Engineering as well as the staff members have been inspired by the technical endeavor at the Thermal Power Station. The plant personnel have introduced the technical skills in to students. The visit was a great learning experience and particularly a memorable one with all the good times spent. All the staff members and students are extremely thankful to the Principal Dr. K. Ashoka Reddy and Prof. K. Eswaraiah, HOD, MED for their support and encouragement.

Industrial Visit Details:

The industrial visit started at Institution on 9th February, 2019 at 7.30 AM to KTPP- Chelpur by Bus and reached KTPP by 09:30 AM.



Faculty and Students travelling to KTPP from KITSW

After taking the gate pass they allowed us to enter the plant for visit. Er. Rathnakar garu Assistant Divisional Engineer allotted us with four Assistant Engineers Er. Murali , Er. Mythry, Er. Bhargav and Er. Praveen to accompany and guide us during the visit to plant. There they had divided the students into groups. They explained about the thermal power plant working and took us to boiler, turbine, coal handling plant, Ash handling plant (electro static precipitator), control room and cooling tower units and explained about it thoroughly. The plant visit took in the forenoon and afternoon session and completed by 5.00PM. Then we met Er. Rathnakar garu Divisional Engineer and thanked him for permitting our students for plant visit and we had presented a memento as token of gratitude. And we also expressed our gratitude to all the Assistant Engineers who assisted us during the visit and presented a token of remembrance. We had our lunch in the canteen of KTPP and returned to Institution by 06:30 PM.



Group Photo at Cooling Tower, at KTTP, Chelpur on 9th Feb 2019



Group photo taken in front of service building

Faculty accompanied during the Industrial Visit

1. Sri. G.Vinod Kumar, Assistant Professor, MED.
2. Sri. S. Sripathy, Assistant Professor, MED.
3. Ms. P.Divya, Assistant Professor, MED.
4. Sri. V.Rakesh, Assistant Professor, MED.
5. Sri. P.Anil Kumar, Assistant Professor, MED.

Projects completed by Final Year Students during 2018-19

MECHANICAL ENGINEERING - I

4 M-1 PROJECT BATCHES(2018-2019)				
S.NO	BATCH	ROLL NO	NAME OF THE SUPERVISOR	TITLE OF THE PROJECT
1	1	B15ME010	Mr.CH.KARUNAKAR	DESIGN & ANALYSIS OF FOUR LEGGED ROBOT USING STRAND BEEST MECHANISM
2		B16ME127L		
3		B15ME008		
4		B15ME034		
5	2	B15ME055	Mr.V.RAJESH	DESIGN AND FABRICATION OF AQUA SILENCER
6		B15ME054		
7		B15ME036		
8		B15ME057		
9	3	B15ME028	Mr.A.HARI KUMAR	PESTICIDES SPRAYING ROBOT WITH SMART DECISION MAKING
10		B15ME020		
11		B15ME045		
12		B15ME015		
13	4	B15ME038	Mr.M.ANIL KUMAR	BIONIC ROBOTIC ARM
14		B15ME043		
15		B15ME050		
16		B15ME009		
17	5	B15ME002	Mr.Sk.AVEZ SHARIQ	EFFECT OF ANGLE OF ATTACK ON BOWSHOCK FORMATION
18		B15ME004		
19*		B15ME042		
20		B15ME047		
21	6	B15ME018	Mr.V.PRASANNA	PEDAL POWERED PORTABLE CENTRIFUGAL WATER PUMP
22		B15ME021		
23		B15ME014		
24		B15ME022		
25	7	B16ME124L	Dr.G.GANESH KUMAR	DESIGN, MANUFACTURING AND SIMULATION OF A CENTRIFUGAL PUMP FOR ARTIFICIAL HEART
26		B16ME123L		
27		B16ME132L		
28		B15ME051		
29	8	B16ME125L	Dr.P.PRABHAKARA RAO	PRODUCTION & TESTING OF METAL MATRIX COMPOSITES
30		B16ME131L		
31		B15ME048		
32		B15ME025		
33	9	B16ME129L	Sri.J.LAXMAN	FABRICATION & EDM MACHINING OF METAL MATRIX COMPOSITES
34		B16ME130L		
35		B15ME059		
37	10	B16ME128L	Dr.K.ESWARAIAH	DESIGN, FABRICATION & PERFORMANCE TESTING OF WINDMILL POWER GENERATION FOR VEHICLES
38		B15ME039		
39		B15ME040		
40	11	B15ME023	Sri.S.ANIL KUMAR	ELECTRIC BICYCLE WITH SENSOR INSTALLATION
41		B15ME049		
42		B15ME058		
43		B15ME012		

44	12	B15ME032	Sri.R.RAVINDER RAO	WORKING MODEL OF HUMAN POWERED REVERSE OSMOSIS WATER PURIFICATION
45		B15ME041		
46		B15ME046		
47		B15ME019		
48	13	B15ME027	Sri.G.VINOD KUMAR	DESIGN ,FABRICATION & ANALYSIS OF KINETIC ENERGY RECOVERY SYSTEM IN VEHICLES
49		B15ME044		
50		B15ME052		
51		B15ME053		
52	14	B15ME017	Ms.G.KAVYA SREE	AUTOMATIC BOREWELL RESCUE ROBOT
53		B15ME016		
54		B15ME024		
55		B15ME031		
56	15	B15ME030	Mr.V.SAMPATH	MULTI OBJECTIVE OPTIMIZATION OF PROCESS PARAMETERS OF EDM
57		B16ME126L		
58		B15ME060		
59		B15ME026		
60	16	B15ME007	Smt.P.ANITHA	FABRICATION & KINEMATIC ANALYSIS OF 5 DEGREES OF FREEDOM VERSATILE ROBOTIC MANIPULATOR
61		B15ME013		
62		B16ME122L		
63		B15ME001		
64	17	B15ME033	Mr.V.SRIKANTH	VACCUM BRAKING SYSTEM
65		B15ME006		
66		B15ME005		
67		B15ME056		

MECHANICAL ENGINEERING - II

4 M2 PROJECT BATCHES(2018-2019)				
S. NO	BATCH	ROLL NO	TITLE	Name of the supervisor
1	1	B15ME074	MULTI OBJECTIVE OPTIMIZATION IN EDM OF ALUMINIUM METAL MATRIX COMPOSITES	Sri. S.CHANDRAMOULI
2		B15ME116		
3		B15ME086		
4		B15ME075		
5	2	B15ME080	DESIGN & FABRICATION OF AN ELECTRIC ARC FURNACE	Mr.V.RAKESH
6		B15ME073		
7		B15ME096		
8		B15ME091		
9	3	B15ME077	DESIGN & FABRICATION OF TWO STROKE ENGINE VEHICLE CHASIS	Sri.S.SRIPATHY
10		B16ME142L		
11		B16ME099L		
12		B15ME079		
13	4	B15ME066	FABRICATION OF DRONE FOR AGRICULTURAL SPRAYING	Ms.P.DIVYA
14		B15ME062		
15		B15ME110		
16		B15ME065		
17	5	B16ME136L	DESIGN & DEVELOPMENT OF	Sri.P.S.S. MURTHY
18		B15ME112		

19		B15ME085	SPATIAL FOUR BAR MECHANISM	
20		B15ME070		
21	6	B15ME092	FABRICATION OF ROLLER BENDING MACHINE	Mr.P.SREEDHAR
22		B15ME095		
23		B16ME138L		
24		B15ME061		
25	7	B15ME064	FABICATION OF AGRICULTURAL SEED SOWING EQUIPMENT	Sri.K.KISHOR KUMAR
26		B15ME087		
27		B16ME134L		
28		B15ME072		
29	8	B15ME113	DESIGN & FABRICATION OF THEO JANSEN ROBOT	Mr.D.SAMMAIAH
30		B15ME106		
31		B15ME119		
32	9	B16ME143L	FABRICATION & EXPERIMENTAL CHARACTERIZATION OF ALUMINIUM ALLOY AND TITANIUM FOAM	Dr.P.VENKATESWARA RAO
33		B15ME071		
34		B15ME118		
35		B15ME076		
36	10	B15ME101	MODELING OF 2DOF MODEL AND ANALYSING DIRECTIONAL RESPONSE BEHAVIOR FOR DIFFERENT STEERING INPUTS AND VEHICLE SPEEDS	Sri.S.RAMESH
37		B15ME102		
38		B15ME098		
39		B15ME107		
40	11	B16ME133L	EXPERIMENTAL STUDY ON ELECTRICAL DISCHARGE MACHINING OF ALUMINIUM ALLOY 7075 BASED METAL MATRIX COMPOSITES	Dr.U.SHRINIVAS BALARAJU
41		B16ME139L		
42		B15ME078		
43		B14ME103		
44	12	B15ME104	ANALYSIS OF PROCESS PARAMETERS IN MICRO EDM STAINLESS STEEL & ALUMINIUM	Dr.P.SRIKANTH
45		B15ME084		
46		B15ME100		
47		B15ME063		
48	13	B15ME094	PERFORMANCE OF SOLAR AIR HEATER WITH ALUMINIUM TUBES	Dr.K.SRIDHAR
49		B15ME105		
50		B15ME114		
51	14	B16ME141L	EVALUTION OF CERTAIN MECHANICAL PROPERTIES OF KGK/BIO-COMPOSITES	Dr.K.RAJA NARENDER REDDY
52		B15ME069		
53		B15ME088		
54		B15ME076		
55	15	B15ME111	DESIGN AND FABRICATION OF ROBOTIC ARM TO AUTOMATE CONVENTIONAL MIG WELDING	Ms.V.LAXMI PRIYANKA
56		B15ME090		
57		B15ME103		
58		B16ME137L		

59	16	B15ME081	DEVELOPMENT AND CHARACTERIZATION OF JUTE BASED CELLULOSE COMPOSITE	Mr.P.ANIL KUMAR
60		B15ME068		
61		B15ME097		
62		B15ME117		
63	17	B15ME115	EXPERIMENTAL ANALYSIS OF FREE CONVECTIVE HEAT TRANSFER THROUGH MICRO CHANNELS WITH DIFFERENT CONFIGURATION	Dr.G.SRINIVAS RAO
64		B15ME108		
65		B16ME135L		
66		B15ME082		
67	18	B15ME067	MECHANICAL PROPERTIES OF FRICTION STIR WELDED JOINTS OF ALUMINIUM ALLOY AND STAINLESS STEEL	Sri.B. RAVI KUMAR
68		B15ME109		
69		B16ME140L		
70		B15ME083		

Placement Details for Academic year 2018-19

Sl. No.	Roll No.	Name of the student	Selected for Company
1	B15ME054	KOMPELLI AARTHI REDDY	OSHO COATINGS PVT. LTD,
2	B15ME010	GURRAM PRAHARSHA	RAAM GROUP , HYD.
3	B16ME123L	VANAPAKALA PAVAN KALYAN	RAAM GROUP , HYD.
4	B15ME036	BAIREDDY THARUN REDDY	RAAM GROUP , HYD.
5	B15ME085	DOKKA SHRUTHI	RAAM GROUP , HYD.
6	B15ME032	PITTALA ABHISHIKTHA SPARSHA	RAAM GROUP , HYD.
7	B15ME023	KALOORI PRUDHVIDHAR	RAAM GROUP , HYD.
8	B16ME137L	MINAM VAMSHI BABU	RAAM GROUP , HYD.
9	B16ME143L	PRATHAPAGIRI CHIDANANDA	AMARA RAJA BATTERIES LTD.
10	B15ME074	NOORE SAI RAJA	AMARA RAJA BATTERIES LTD.
11	B15ME038	CHILUKAMARI RAHUL	AMARA RAJA BATTERIES LTD.
12	B16ME140L	MUTHINENI BHARGHAVI	PRATHIRAJ METAL MASTERS PVT, LTD, HYD.
13	B15ME097	PARUMANALA AKHILA	PRATHIRAJ METAL MASTERS PVT, LTD, HYD.
14	B16ME134L	GOPU MANASA	PRATHIRAJ METAL MASTERS PVT, LTD, HYD.
15	B15ME081	PENTHALA RAJITHA	PRATHIRAJ METAL MASTERS PVT, LTD, HYD.
16	B16ME124L	BOMMATHI RAVALIKA	PRATHIRAJ METAL MASTERS PVT, LTD, HYD.
17	B15ME064	KALVACHARLA SHIVA KRISHNA	M/S VEM technology
18	B15ME113	KOTHI PRIYANKA	M/S VEM technology
19	B15ME007	KOMAKULA SHRAVAN ANAND	TCS
20	B15ME116	BODDU CHAITANYA	PRATHIRAJ METAL MASTERS PVT, LTD, HYD.

21	B16ME139L	MANGALAPELLY BHARATH KUMAR	PRATHIRAJ METAL MASTERS PVT, LTD, HYD.
22	B15ME068	VEDALA SAI SHRAVAN	PRATHIRAJ METAL MASTERS PVT, LTD, HYD.
23	B15ME027	HSEKAR INELLAP	PRATHIRAJ METAL MASTERS PVT, LTD, HYD.
24	B15ME006	TUMMOJU ANAND SAI	PRATHIRAJ METAL MASTERS PVT, LTD, HYD.
25	B16ME125L	SEETA VINOD KUMAR	PRATHIRAJ METAL MASTERS PVT, LTD, HYD.
26	B16ME130L	CH. SWAMY	AMRITHA TOOL CRAFTS PVT.LTD
27	B16ME130L	RACHARLA GANESH	AMRITHA TOOL CRAFTS PVT.LTD
28	B15ME071	KANDIKONDA PRAVEEN	AMRITHA TOOL CRAFTS PVT.LTD
29	B16ME136L	UMMADI SAIKIRAN	AMRITHA TOOL CRAFTS PVT.LTD
30	B15ME016	UJAR ISUB	RAAM GROUP , HYD.
31	B15ME022	GURRAPU VARUN	RAAM GROUP , HYD.
32	B15ME033	VEMULA ROHITH SAI	INFOSYS, HYD
33	B15ME088	MASUNA ADITYA	REDCARPET, , HYD.
34	B15ME068	VEDALA SAI SHRAVAN	REDCARPET, HYD.
35	B15ME090	R SHIVA SAI PRASAD	DESIGN TRIBES PVT.LTD, HYD
36	B15ME002	MALLU SHIVA PRASD REDDY	UTON ENERGIA, HYD.
37	B15ME101	KANUGANTI SHASHANK RAO	UTON ENERGIA, HYD.
38	B15ME010	GURRAM PRAHARSHA	COGNIZANT, HYD.
39	B15ME008	SAMVED PARAMKUSHAM	COGNIZANT, HYD.
40	B15ME010	GURRAM PRAHARSHA	HYUNDAI MOTORS, HYD.
41	B15ME073	MD. SHAISTHA AFREEN	TOPPR TECHNOLOGIES PVT., LTD, HYD.
42	B15ME107	S. NAGA BHADRA SRIHARSHA SHARMA	TOPPR TECHNOLOGIES PVT., LTD, HYD.
43	B15ME107	VELPULA YATHENDRA AASHISH	ADANI GAS PVT., LTD



Group Photo of Faculty with Placement Selected Students batch 2019

**A Report
on
One Week ISTE, IPE AND ENTUPLE sponsored
SHORT TERM TRAINING PROGRAMME (STTP)
on
HANDS ON PROGRAMME ON ANSYS SOFTWARE (HPAS-18)
12 – 16 NOVEMBER, 2018**

DEPARTMENT OF MECHANICAL ENGINEERING

One Week Short Term Training Program on “HANDS ON PROGRAMME ON ANSYS SOFTWARE (HPAS-18)” was organized from 12-16 NOVEMBER, in the Department of Mechanical Engineering. A total of **Ten** resource persons have delivered lectures on various topics related to Hands on Program on ANSYS software. Seventy Three (73) members have registered for the program.

Dr. P. Ravinder Reddy, Principal, Chaitanya Bharathi Institute of Technology, Hyderabad, was the chief Guest of the Inaugural Function. Capt. V. Lakshmikantha Rao, Secretary and Correspondent, KITSW and Member of Parliament, Rajya Saba, has presided over the function. Sri. P. Narayana Reddy, Treasurer, KITSW, has congratulated the organizers. Dr. K. Ashoka Reddy, Principal, KITSW, has emphasized the significance of the research towards fulfillment of needs of the society. Dr. K. Eswaraiah, Professor and Head, Department of Mechanical Engineering, Kakatiya Institute of Technology and Science, has appreciated the team HPAS-18 for organizing this event. He elaborated that, the program will provide a vast exposure to the research in ANSYS applications for participants. Dr. K. Sridhar, Professor, MED, Dr. K. Raja Narendra Reddy, MED, Professor, Dr. P. Srikanth, Professor, MED are organizing Secretaries while Dr. G. Ganesh Kumar, Associate Professor, MED Sri. P. S. S. Murthy, Assistant Professor, MED, KITSW are Conveners. for the event. Sri. J. Laxman, Assistant Professor, MED, Sri. S. Chandramouli, Assistant Professor, MED, and Sri. A. Hari Kumar, Assistant Professor, MED have acted as coordinators for the programme. Dr. G. Ganesh Kumar has given a brief introduction about STTP. Sri. P. S. S. Murthy, has advocated the details of the participants from various institutes. Dr. K. Eswaraiah, Professor, acted as a Chairman of the event. Sri. A. Hari Kumar, introduced about the resource persons for STTP from various organizations.

Short Term Training Programme (STTP)
On
"HANDS ON PROGRAMME ON ANSYS SOFTWARE (HPAS-18),
12 – 16 NOVEMBER, 2018, organized by Department of Mechanical Engineering.

A one week Short Term Training Program (STTP) on ANSYS was conducted as part of IAAHP.

12-Nov-2018:

Inauguration Function



The following 'Hands-on' activities were performed:

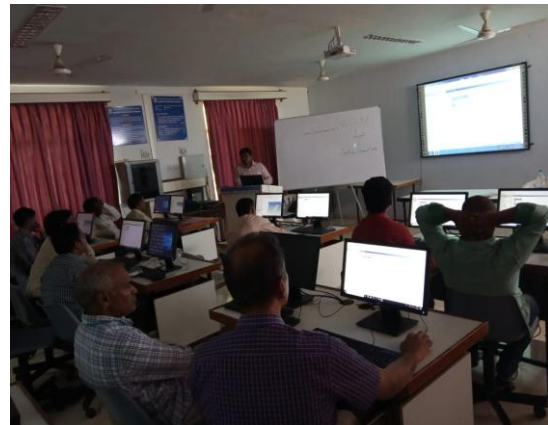
- Keynote address by Prof. P. Ravinder Reddy garu, Principal CBIT on Finite Element Analysis



- Dr. P. Ravinder Reddy visited Department of Mechanical Engineering.

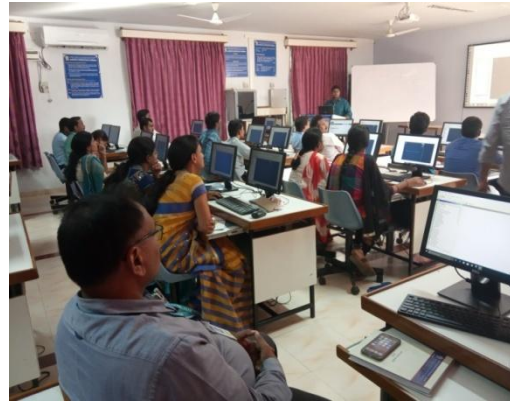
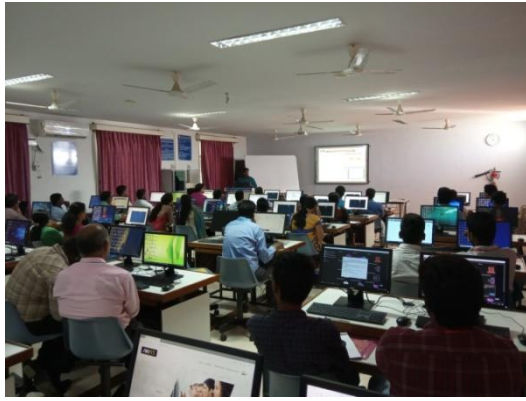
12-Nov-2018:

- Mr. Gokul Raj, Entuple Technologies, Hyderabad has dealt with the session
- He discussed about the fundamental principle tools of ANSYS software.



13-Nov-2018:

- Hands on - ANSYS Space-claim (designing software, which is going to succeed ANSYS Design modeler).
- Space-claim is the default option from ANSYS 19.2 by Sri. Gokul Raj.
He discussed about
 1. Hands on -Static structural analysis on simple beams
 2. Hands on - Von-mises stress, deformation, failure points on simple problems
 3. Hands on - Transient loading conditions and their results
 4. He solved on certain Mechanical Engineering design problems using ANSYS Software.



14-Nov-2018:

- Mr. S. Satish, Entuple Technologies, Hyderabad, has given an expert lecture for the complete day. He Discussed about the following:
 1. Introduction to ANSYS Fluent and different tools used for analysis.
 2. Hands on -Mixing elbow problem (bent pipe with 2 inlets containing hot and cold fluids and 1 outlet)
 3. Hands on - Tee Junction
 4. CFD Post - Contours, streamlines, streamline - animation
 5. He also solved different heat transfer problems using ANSYS fluent Software.



15-Nov-2018:

- Mr. S. Satish, Entuple Technologies, Hyderabad, has given an expert lecture for the complete day. He Discussed about the following:
 1. Ansys meshing
 2. Hands on -Landing gear, Heat Exchanger
 3. Hands on - Transient analysis - Von Karman vortices



Sri. Sk. Avez Shariq has presented about an introduction to Turbulence modelling.

16-Nov-2018: Dr. G. Ganesh Kumar, Associate Professor, MED, KITSW, has given an expert lecture on “Application of a CFD tool for a research problem, A Case Study”



- Sri. J. Laxman, Assistant Professor, MED, KITSW, has given an expert lecture on Finite Element Analysis on Truss”.



- Sri. S. Chandramouli, Assistant Professor, MED, KITSW, has given an expert lecture on “Structural Analysis of Elastic Beams”.



- Sri. Ch. Karunakar, Assistant Professor, MED, KITSW, has given an expert lecture on “Static Structural Analysis of One Dimensional Stepped bar by using ANSYS”.



- Sri. A. Hari Kumar, Ch. Karunakar, Assistant Professor, MED, KITSW, has given an expert lecture on “Practical Finite Element Analysis”.



Valedictory Function:

- The valedictory function was started at 4.30pm. Dr. K. Eswaraiah was the chief guest.



- Dr. P. Srikanth, Convener, has addressed the gathering.
- Dr. G. Ganesh Kumar, has spoken about the programme that have been conducted for five days.
- Sri. P. S. S. Murthy addressed the gathering presenting about the benefits of the program. Further the participants were asked to give their feedback.
- Dr. K. Eswaraiiah has felicitated the experts of the morning session.
- Then the vote of thanks was given by Sri. A. Hari Kumar, Asst. Professor, MED, KITSW



LIST OF REGISTERED CANDIDATES

A One Week ISTE-IIPE & ENTUPLE Sponsored
Short Term Training Programme (STTP) on
HANDS ON PROGRAMME ON ANSYS SOFTWARE (HPAS-18)
12-16, NOVEMBER 2018

S.No.	Name of the Participant	Name of the Institution
1	Dr. K. Eswaraiah	KITS, Warangal
2	Dr. K. Sridhar	KITS, Warangal
3	Dr. P. Venkateswara Rao	KITS, Warangal
4	Prof. R. Ravinder Rao	KITS, Warangal
5	Dr. K. R. Narender Reddy	KITS, Warangal
6	Dr. P. Srikanth	KITS, Warangal
7	Dr. G. Ganesh Kumar	KITS, Warangal
8	Dr. U. Shrinivas Balraj	KITS, Warangal
9	Sri P.S.S. Murthy	KITS, Warangal
10	Sri J. Laxman	KITS, Warangal
11	Sri S. Chandramouli	KITS, Warangal
12	Dr. P. Prabhakar Rao	KITS, Warangal
13	Dr. G. Srinivasa Rao	KITS, Warangal
14	Sri Ch. Karunakar	KITS, Warangal
15	Sri G.Vinod Kumar	KITS, Warangal
16	Sri S. Ramesh	KITS, Warangal
17	Sri A. Hari Kumar	KITS, Warangal
18	Sri S.Anil Kumar	KITS, Warangal
19	Sri K.Kishor Kumar	KITS, Warangal
20	Smt. P. Anitha	KITS, Warangal
21	Sri S. Sripathy	KITS, Warangal
23	Sri V. Srikanth	KITS, Warangal
24	Sri V. Prasanna	KITS, Warangal
25	Sri D. Sammaiah	KITS, Warangal
26	Ms. P. Divya	KITS, Warangal
27	Ms. V. Laxmi Priyanka	KITS, Warangal
28	Sri V. Rakesh	KITS, Warangal
29	Sri P. Anil Kumar	KITS, Warangal
30	Sri S.K. Avez Shariq	KITS, Warangal
31	Sri P. Sreedhar	KITS, Warangal
32	Sri V. Rajesh	KITS, Warangal
33	Ms. G. Kavyasree	KITS, Warangal
34	Bashaboina Laxman	Kits, Warangal
35	Md. Aslam Hussain	Kits, Warangal
36	Mengu Lohith	Kits, Warangal
37	G.Kheshadri	Kits, Warangal
38	D.Raj kamal	Kits, Warangal
39	Dude Vinay	Kits, Warangal
40	Banothu Devika	Kits, Warangal
41	Mood Sangeetha	Kits, Warangal
42	M.Anil kumar	Kits, Warangal
43	N.Prabhu	Kits, Warangal
44	Gollapalli Sravani	Kits, Warangal
45	Kosuri Rajitha	Kits, Warangal
46	Ravali Medari	Kits, Warangal
47	A. Jeevan Reddy	Kits, Warangal
48	Bommineni Sharath Reddy	Kits, Warangal

49	Morthad Shiva	Kits, Warangal
50	Gaddam Keshadri	Kits, Warangal
51	Kola Ramesh	Kits, Warangal
52	Mood Sangeetha	Kits, Warangal
53	Gunti Balaraju	Kits, Warangal
54	Dodda Maneesha	Kits, Warangal
55	K.Ravi	Kits, Warangal
56	B. Rajesh Naik	Kits, Warangal
57	D. Rajkamal	Kits, Warangal
58	G. Chaitanya Devi	Kits, Warangal
59	Rahul	Kits, Warangal
60	Erukulla Gayatri	Kits, Warangal
61	Thumetti Raj Kumar	Kits, Warangal
62	Manupati Vinay	Kits, Warangal
63	Munigala Rahul	Kits, Warangal
64	Pingili Rohit Suresh Kumar	Kits, Warangal
65	Rajeshekar Reddy Nallala	Kits, Warangal
66	Vodela Sai Sathya Prasad	Kits, Warangal
67	Nanam Sravanth	Kits, Warangal
68	Golakonda Sambashiva	Kits, Warangal
69	Kollu Vaidehi	Kits, Warangal
70	Bandari Srinath	Kits, Warangal
71	Thoutam Prashanth Kumar	Kits, Warangal
72	Satram Sainath	Kits, Warangal
73	K. Yakooob	CJITS
74	P.Punnam Chander	SVSIT
75	B.Naveen Kumar	SIET, Hyd.
76	B. Sahithya	KU
77	D. Nalini	KU
78	D. Srinu	TKR College
79	G. Lingaiah	Research Scholar
80	V.Sampath	VBIT, Hyd.
81	K.Ashwini	UCE&T, MGC
82	V. Padmasri	WITS, Wgl
83	N. Suresh	WITS, Wgl
84	K. Rajini Kanth	CMR Technical Campus
85	B. Sairam Prasad	CITS, HNK
86	A. Harish	CITS, HNK
87	R.Suman	Kits, Warangal

Coordinators

Sri. J. Laxman

Sri. S. Chandramouli

Sri. A. Hari Kumar

Conveners

Dr. G. Ganesh Kumar

Sri. P. S. S. Murthy

Organizing Secretaries

Dr. K. Sridhar

Dr. K. Raja Narendra Reddy

Dr. P. Srikanth

Chairman

Dr. K. Eswaraiah

**A Report on
One Week Workshop
RESEARCH METHODOLOGY
7-11 Jan 2019
(Supports KU Pre-PhD Syllabus)
DEPARTMENT OF MECHANICAL ENGINEERING**

One Week Workshop on “RESEARCH METHODOLOGY-19 (RM-19)” was organized from 07-11 JANUARY, 2019 in the Department of Mechanical Engineering in association with Kakatiya University. A total of **Nineteen** resource persons have delivered lectures on various topics related to Research Methodology. Sixty Four (64) members have registered for the program.

Prof. K. Purushotham, Registrar, Kakatiya University, was the chief Guest of the Inaugural Function. Capt. V. Lakshmikantha Rao, Secretary and Correspondent, KITSW and Member of Parliament, Rajya Saba, has presided over the function. Sri. P. Narayana Reddy, Treasurer, KITSW, has congratulated the organizers. Dr. K. Ashoka Reddy, Principal, KITSW, has emphasized the significance of the research towards fulfillment of needs of the society. Prof. T. Srinivasulu, Dean, Faculty of Engineering and Technology, Kakatiya University has given the Keynote address. Dr. K. Eswaraiah, Professor & Head, Department of Mechanical Engineering, Kakatiya Institute of Technology & Science, has appreciated the team RM-19 for organizing this event. He elaborated that; the program will provide a vast exposure to the research in different applications for participants. Dr. K. Eswaraiah, Professor & Head, MED, KITSW was the organizing Secretary while Dr. M. Sadanandam, UCE, KTM, KU, Dr. K. Bikshalu, UCE, KTM, KU, Dr. P. Srikanth, Professor, MED, KITSW, Dr. G. Ganesh Kumar, Associate Professor, MED, KITSW are Conveners for the event. Sri. V. Mahender, ECED, KUCET, Dr. P. Prabhakara Rao, Assistant Professor, MED, KITSW, Sri. S. Anil Kumar, Assistant Professor, MED, KITSW have acted as coordinators for the programme. Dr. T. Srinivasulu has given a brief introduction about workshop. Dr. K. Eswaraiah has advocated the details of the participants from various institutes.

Inauguration Function

The inauguration function was conducted on 07.01.2019 at 10.00 am at Senate Hall, Kakatiya University, Warangal Telangana.

Chief Guest: Prof. Prof. K. Purushotham, Registrar, Kakatiya University.



Inauguration of RM-19: Jyothi Prajwalana at Senate Hall Kakatiya University.



Address by Chief Guest Prof. K. Purushotham, Registrar, Kakatiya University.



Address by Prof. T. Srinivasulu, Dean, Faculty of Engineering and Technology, KU



Address by Chief Guest Prof. K. Ashoka Reddy, Principal, KITSW



Address by Organizing Secretary Prof. K. Eswaraiah, Head, MED, KITSW.



Vote of Thanks by Prof. P. Srikanth, MED, KITSW



Organizing Committee of RM-19



Registration Desk



Organizing Committee, with Participants of RM-19



On the last day of workshop, participants were given certificates at the end of workshop with a group photo session.



Programme Schedule & List of Speakers

Day	Time	Topic	Speakers
07.01.2019	09.30 - 13.00	Registration	
	10.00 - 11.30	Inauguration	Prof. K. Purushotham, Registrar, KU
	11.30 - 12.00	Tea Break	
	12.00 - 13.30	Keynote address	Prof. T. Srinivasulu, Dean, Faculty of Engineering and Technology, KU
	13.30 - 14.00	Lunch Break	
	14.00 - 15.30	Research Methodology	Dr. K. Eswaraiah, Professor & Head, MED, KITSW
	15.30-17.00	Defining the Research and Research Design	Dr. K. Eswaraiah, Professor & Head, MED, KITSW
08.01.2019	10.00 - 11.30	Sampling Design and Fundamentals	Dr. M. Andal, Associate Professor, CED, KITSW
	11.30 - 12.00	Tea Break	
	12.00 - 13.30	Measurement and Scaling Techniques	Dr. P. Prabhakara Rao, Assistant Professor, MED, KITSW
	13.30 - 14.00	Lunch Break	
	14.00 - 16.30	Methods of Data Collection	Dr. P. Srikanth, Professor, MED, KITSW
09.01.2019	10.00 - 11.30	Processing and Analysis of Data	Dr. A. Kumar, Professor, MED, NIT, Warangal
	11.30 - 12.00	Tea Break	

	12.00 – 13.30	Parametric Hypotheses Testing	Dr. A. Kumar, Professor, MED, NIT, Warangal
	13.30 – 14.00	Lunch Break	
	14.00 – 15.30	Non-Parametric Hypotheses Testing	Dr. A. Kumar, Professor, MED, NIT, Warangal
	15.30 – 17.00	Impact Factor and H-Index calculation	Prof. P. Malla Reddy, Principal, KUCET
10.01.2019	10.00 – 11.30	Plagiarism tools-Overview to familiarization of URKUND with case studies	Smt. B.Radhika Rani, University Coordinator for Shodh Ganga Project, KU
	11.30 – 12.00	Tea Break	
	12.00 – 13.30	Report Writing, Presentation Skills and Research Ethics Ph. D Research: Strategic planning to meet mandatory plagiarism	Prof. T. Srinivasulu, KUCET
	13.30 – 14.30	Lunch Break	
	14.30 – 15.30	Motivational speech on 'Miracles of 5C'	Mr. V. Prudhvi Raj, Assistant Registrar, PRO-KU
11.01.2019	10.00 – 11.30	Intellectual Property Rights: Copy rights, trademarks, patents	Prof. B. Rama Devi, Prof. of Dept. of ECE, KITSW
	11.45 – 13.15	Presentation by Guest of honor	Sri. B. Shashikant Scientist-G & Associate Director CHESS,DRDO, Hyderabad
	13.15 – 15.00	Valedictory Function	

Glimpses of Common sessions of the workshops Memorable events of specialization sessions

Day One: 07.01.2019	
Session One: 12.00 – 13.30 Keynote address by Prof. T. Srinivasulu, Dean, Faculty of Engineering and Technology, KU 	Session Two: 14.00pm to 17.0pm: Session by Dr. K. Eswaraiiah on Research Methodology-19 

Session One: 10.00 – 11.30
Expert Lecture by Dr. M. Andal, Professor, CED, KITSW on “Sampling Design and Fundamentals”



Session Two: 14.00 – 16.30
Expert Lecture by Dr. P. Srikanth, Professor, MED, KITSW on “Methods of Data Collection”



11.30 – 13.30
Expert Lecture by Dr. P. Prabhakara Rao, Assistant Professor, MED, KITSW on “Measurement and Scaling Techniques”



Day Three: 09.01.2019

Session One: 10.00 – 11.30
Expert Lecture by Dr. A. Kumar, Professor, MED, KITSW on “Processing and Analysis of Data”



Session Two:
14.00pm to 13.30pm:
Expert Lecture by Dr. A. Kumar, Professor, MED, KITSW on “Non-Parametric Hypotheses Testing”



Session Two: 12.00 – 13.30
Expert Lecture by Dr. A. Kumar, Professor, MED, KITSW on “Non-Parametric Hypotheses Testing”

Session Two: 13.30 – 15.00
Expert Lecture by Prof. P. Malla Reddy, Principal, KUCET, “Impact Factor and H-Index calculation etc”



Day Four: 10.01.2019

Session One: 10.00 – 11.30

Expert Lecture by Smt. B.Radhika Rani, University Coordinator for Shodh Ganga Project, KU on “Plagiarism tools-Overview to familiarization of URKUND with case studies”

Session Two:

14.30pm to 17.30pm:

Expert Lecture by Motivational speech on ‘Miracles of 5C’ by Mr. V. Prudhvi Raj, Assistant Registrar, PRO-KU



Expert Lecture by Prof. T. Srinivasulu, KUCET “Report Writing, Presentation Skills and Research Ethics Ph. D Research: Strategic planning to meet mandatory plagiarism”



Day Five: 11.01.2019

Session One: 10.00 – 11.30

Expert Lecture by Prof. P. Rama Devi, Professor, ECED, KITSW, on “Intellectual Property Rights: Copy rights, trademarks, patents”

Session Two: Valedictory Function:

14.00pm to 15.00pm: Addressed by, Prof. R. Sayanna. KU VC



Session Two: 12.00 – 13.30
Presentation by Guest of honor Sri. B. Shashikant Scientist-G& Associate Director, CHES,DRDO, Hyderabad



Coordinators

Sri. V. Mahender
Dr. P. Prabhakara Rao
Sri. S. Anil Kumar

Conveners

Dr. M. Sadanandam
Dr. K. Bikshalu
Dr. P. Srikanth
Dr. G. Ganesh Kumar

Organizing Secretary

Dr. K. Eswaraiiah

**A One Week Refresher Course on
Training in Mechanical Engineering Laboratories for Technical Staff
18-23 Feb 2019**



Honorable Principal and HOD, MED along with technical staff during inauguration function of
Training in Mechanical Engineering Laboratories for Technical Staff, 18 Feb 2019

Workshops/Seminars conducted for Students:

S. No	Organized Workshop s/ Seminars	Title of Workshops/ Seminars	Recourse Person	Conveners/ Coordinators	Duration & Dates	No. of participants
1.	Workshop	Finite Element Methods	Sri. Subramanya Sastry, HR Manager Cyient Technologies, Hyderabad	Sri Ch. Karunakar Sri A. Hari Kumar	Two Days 16-03-2019 30-03-2019	82
2.	Workshop	Refrigeration & Air-conditioning in - Industrial Applications	Sri L.V. Ram Prasad, Engineer	Dr. P.Prabhakara Rao Sri G. Vinod Kumar Sri S. Anil Kumar	One Day 15 th March, 2019	100
3.	Workshop	Smart Mechanical Systems	Mr. Subash Pillai, CEO , Imagine to Innovate	Dr. P.Prabhakara Rao Sri S. Anil Kumar	Two days 4-5 October, 2018	111



Two day workshop on Finite Element Methods expert talk by Sri. Subramanya Sastry, HR Manager Cyient Technologies, Hyderabad.(left to the dais)



Felicitation to the Guest Speaker Mr. L.V. Ram Prasad during Refrigeration & Air-conditioning in - Industrial Applications wokshop on 15 March 2019.



Inaugural function of Smart Mechanical Systems two day workshop on 4 October, 2018

Faculty Research Publications during 2018-19:

Dr. K. Sridhar

Conferences:

1. **Dr. K. Sridhar**, G.Vinod Kumar, G.Lingaiah, D.Nalini, K.Rajanikanth, P. Rukinimi, "Thermodynamic Analysis of Frame 9 E Gas Turbine Model" 2nd International Conference on New Frontiers in Chemical, Energy and Environmental Engineering (INCEEE-2019), ISBN: 978-81-928314-5-9, 15-16 February 2019, Pg No. 35.
2. K.Rajanikanth, **Dr. K. Sridhar**, "Computational Computational Investigation of Inert Particle Size Effect on Hydrodynamic Behavior Of Fluidized Bed" 2nd International Conference on New Frontiers in Chemical, Energy and Environmental Engineering (INCEEE-2019), ISBN: 978-81-928314-5-9, 15-16 February 2019, Pg No. 28.
3. P. Rukinimi, **Dr. K. Sridhar**, "A Review on Comparative Study Of Solar Air Heater Performance With Different Shapes On Absorber Plate Surface" 2nd International Conference on New Frontiers in Chemical, Energy and Environmental Engineering (INCEEE-2019), ISBN: 978-81-928314-5-9, 15-16 February 2019, Pg No. 34.
4. D Srinu, Dr. G.Ganesh Kumar, **Dr. K. Sridhar**, "Parametric Studies on Combined Conduction And Convection Heat Transfer In Perforated Fins" 2nd International Conference on New Frontiers in Chemical, Energy and Environmental Engineering (INCEEE-2019), ISBN: 978-81-928314-5-9, 15-16 February 2019, Pg No. 41.
5. D.Nalini, **Dr. K. Sridhar**, G.Vinod Kumar, "Performance Optimization of Solar Air Heater By Structural Modifications Of Absorber Plate" 2nd International Conference on New Frontiers in Chemical, Energy and Environmental Engineering (INCEEE-2019), ISBN: 978-81-928314-5-9, 15-16 February 2019, Pg No. 80.

Dr. K. ESWARAIAH

Journals:

1. J.Laxman, **Dr. K. Eswaraiah**, "Effect Of Electric Discharge Machining Process Parameters on Titanium Super Alloy", Journal of Emerging Technologies and Innovative Research (JETIR), ISSN: 2349-5162, June 2018, Vol 5, Issue 6, Pages 511-517.
2. J.Laxman, **Dr. K. Eswaraiah**, Dr. P.Prabhakra Rao, "Experimental Study of Drilling Process Parameters on Aluminum Metal Matrix Composites", Journal of Emerging Technologies and Innovative Research (JETIR), ISSN: 2349-5162, June 2018, Vol 5, Issue 6, pages 1601-1606
3. V. Rakesh, P.S.S. Murthy and **Dr.K. Eswaraiah** "Testing of isomorphism in kinematic chain G.A based case study" International Journal of Modern engineering and research technology, vol 5, ISSN 2348-8565. Page no.365-371

Conferences:

1. V.Sampath, **Dr. K. Eswaraiah**, B.Anil Kumar "Experimental Investigation of Process Parameters of EDM on 17-4 PH Steel using Taguchi Method" International Conference on Applied Mechanical Engineering Research (ICAMER-2019), ISBN 9778-93-87433-24-4, 2nd-4th May 2019, pp-289-295.
2. J.Laxman, **Dr. K. Eswaraiah**, "Effect Of Electric Discharge Machining Process Parameters on Titanium Super Alloy", 3rd International Conference on Innovation Trends in Engineering, Applied Science and Management (ICITEASM-2018), ISBN 9778-93-87433-24-4, 24th June 2018, pp-289-295.
3. J.Laxman, **Dr. K. Eswaraiah**, Dr. P.Prabhakra Rao, "Experimental Study of Drilling

Process Parameters on Aluminum Metal Matrix Composites”, 3rd International Conference on Innovation Trends in Engineering, Applied Science and Management (ICITEASM-2018), ISBN 9778-93-87433-24-4, 24th June 2018, pp-430-435.

Dr. P. Venkateswara Rao

Journals:

1. **Dr. P. Venkateswara Rao**, S. Ramesh, S. Anil Kumar, “Effects of Oxygenated Additives with Diesel on the Performance of D I Diesel Engine ”, Journal of Energy Research and Reviews, DOI: 10.9734/JENRR/2019/v2i330076, Article No. JENRR.47681, PP 1-9
2. **Dr. P. Venkateswara Rao**, D. Prabhakara Chary, “Diethyl ether additive effect in the performance of single cylinder D I diesel engine with B20 Biodiesel blend fuel”, International Journal of Advanced Engineering Research and Science, ISSN: 2349-6495(P) 2456-1908(O), Nov 2018, 5(11), pp. 171-176.
3. **Dr. P. Venkateswara Rao**, D. Prabhakara Chary, “Characteristics comparison of Biodiesel-Diesel Blend (B20) Fuel with Alcohol Additives”, International Journal of Advanced Engineering Research and Science, (IJAERS), Vol-5, Issue-8, Aug- 2018, pp. 128.132
4. **Dr. P. Venkateswara Rao**, “Role of Triacetin additive in the performance of single cylinder D I diesel engine with COME biodiesel”, International Journal of Advanced Engineering Research and Science, ISSN: 2349-6495(P) | 2456-1908(O), August 2018, 5(8), pp. 128-132.

Dr.K. Raja Narender Reddy

Conferences:

1. V.Srikanth, **Dr. K. R. Narender Reddy**, Dr. D.K. Nageshwar Rao “Mechanical Characterization of Coir Reinforced KGK Composite”, 10th International Conference on Advancements in Polymeric Materials (APM2019), 22-24 Jan, 2019.
2. V.Srikanth, **Dr. K. R.Narender Reddy**, Dr. D.K. Nageshwar Rao, T. Ramu, “Processing and Evaluation of Mechanical Properties Oil Palm Fiber/Kondagogu Gum Bio-Resin Composite”, Sixth International Conference on Natural Polymers (ICNP 2018), 7-9, Dec., 2018.
3. P.Anil Kumar, **Dr. K. R.Narender Reddy** “3D Mixed Mode Fracture Analysis on Composite Material By Using FEA”, 10th International Conference on Advancements in Polymeric Materials (APM2019), 22-24 Jan, 2019.
4. T. Ramu, **Dr. K. R.Narender Reddy**, Dr. D.K. Nageshwar Rao, V.Srikanth, “Tensile, Flexural & Water Absorption Properties of Randomly Oriented Jute/Palmyra Hybrid Fibre Composites”, Sixth International Conference on Natural Polymers (ICNP 2018), 7-9, Dec., 2018.

Dr. G. Ganesh Kumar

Conference:

1. D Srinu, **Dr. G.Ganesh Kumar**, Dr. K. Sridhar, “Parametric Studies On Combined Conduction And Convection Heat Transfer In Perforated Fins” 2nd International Conference on New Frontiers in Chemical, Energy and Environmental Engineering (INCEEE-2019), ISBN: 978-81-928314-5-9, 15-16 February, 2019, Pg No. 41.

Dr. U. Shrinivas Balraj

Conferences:

1. **Dr. U. Shrinivas Balraj**, “Parametric Optimisation of Laser Machining Processes using Teaching Learning Based Optimisation”, International Conference on Research Trends in Science, Technology, Engineering & Management (ICRSTEM-2019), ISBN.No. 978-81-940546-0-3, 10th -12th May 2019, PP 51-55.

2. **Dr. U. Shrinivas Balraj,** "An hybrid approach for multi-response optimization of rotary electrical discharge machining of nickel super alloy", *International conf: Recent advances in Materials, Manufacturing and energy systems (ICRAMMES-2019)*, 3rd -4th Jan. 2019, pp. 238-244.
3. **Dr. U. Shrinivas Balraj, P.Sreedhar** "Investigation on the tensile strength of friction stir welded joints of dissimilar aluminium alloys" *International conf: Recent advances in Materials, Manufacturing and energy systems (ICRAMMES-2019)*, 3rd -4th Jan. 2019, pp. 289-294.

Sri.P.S.S.Murthy:

Journal:

1. V. Rakesh, **P.S.S. Murthy** and Dr.K. Eswaraiah "Testing of isomorphism in kinematic chain G.A based case study" *International Journal of Modern engineering and research technology*, vol 5,ISSN 2348-8565.Page no.365-371

Sri J. Laxman

Journals:

1. **J.Laxman**, Dr. K. Eswaraiah, "Effect Of Electric Discharge Machining Process Parameters on Titanium Super Alloy", *Journal of Emerging Technologies and Innovative Research (JETIR)*, ISSN: 2349-5162, June 2018, Vol 5, Issue 6, Pages 511-517.
2. **J.Laxman**, Dr. K. Eswaraiah, Dr. P.Prabhakara Rao, "Experimental Study of Drilling Process Parameters on Aluminum Metal Matrix Composites", *Journal of Emerging Technologies and Innovative Research (JETIR)*, ISSN: 2349-5162, June 2018, Vol 5, Issue 6, pages 1601-1606

Conferences:

1. **J. Laxman** and K. Eswaraiah "Effect Of Electric Discharge Machining Process Parameters on Titanium Super Alloy" 3rd International Conference on Innovation Trends in Engineering, Applied Science and Management(ICITEASM-2018) on 24th June 2018, ISBN 9778-93-87433-24-4, pp-289-295.
2. **J. Laxman**, K. Eswaraiah and P. Prabhakara Rao, "Experimental Study of Drilling Process Parameters on Aluminum Metal Matrix Composites", 3rd International Conference on Innovation Trends in Engineering, Applied Science and Management (ICITEASM-2018) on 24th June 2018, ISBN 9778-93-87433-24-4, pp-430-435.

Dr. P. Prabhakara Rao

Journal:

1. J.Laxman, Dr. K. Eswaraiah, **Dr. P.Prabhakara Rao**, "Experimental Study of Drilling Process Parameters on Aluminum Metal Matrix Composites", *Journal of Emerging Technologies and Innovative Research (JETIR)*, ISSN: 2349-5162, June 2018, Vol 5, Issue 6, pages 1601-1606

Conference:

1. J. Laxman, K. Eswaraiah and **Dr. P. Prabhakara Rao**, "Experimental Study of Drilling Process Parameters on Aluminum Metal Matrix Composites", 3rd International Conference on Innovation Trends in Engineering, Applied Science and Management (ICITEASM-2018) on 24th June 2018, ISBN 9778-93-87433-24-4, pp-430-435.

Dr. G. Srinivasa Rao

Journal:

1. **Dr. G. Srinivasa Rao**, "Experimental Visualisation of Free Convection Temperature

Analysis in Vertical Parallel Plates with various Boundary Conditions", International Journal of Engineering, Science and Computing (IJESC), ISSN. No. 2321-3361, Vol.9, Issue No. 4, April 2019, pp. 21390-21394

Sri Ch. Karunakar

Conference:

1. Mohd. Abdul Mubeen, **Sri Ch. Karunakar**, S.Sripathy "Preparation and Testing of Glass Powder Reinforced Polyester Resin Lamina", *International conf: Recent advances in Materials, Manufacturing and energy systems (ICRAMMES-2019)*, materials today proceedings Science Direct (Elsevier), 3rd -4th Jan. 2019.

Sri G. Vinod Kumar

Journal:

1. Praharsha Gurram, Shravan Anand Komakula, **G. Vinod Kumar**, "Design and Analysis of Vented Disc Brake Rotor", International Journal of Applied Engineering Research, ISSN 0973-4562, june-2019, Volume 14, Number 9, pp. 2228-2233

Conferences:

1. Dr. K. Sridhar, **G.Vinod Kumar**, G.Lingaiah, D.Nalini, K.Rajanikanth, P. Rukinimi, "Thermodynamic Analysis of Frame 9 E Gas Turbine Model" 2nd International Conference on New Frontiers in Chemical, Energy and Environmental Engineering (INCEEE-2019), ISBN: 978-81-928314-5-9, 15-16 February 2019, Pg No. 35.
2. D.Nalini, Dr. K. Sridhar, **G.Vinod Kumar**, "Performance Optimization of Solar Air Heater By Structural Modifications Of Absorber Plate" 2nd International Conference on New Frontiers in Chemical, Energy and Environmental Engineering (INCEEE-2019), ISBN: 978-81-928314-5-9, 15-16 February 2019, Pg No. 80.

Sri S.Ramesh

Journal:

1. Dr. P. Venkateswara Rao, **S. Ramesh**, S.Anil Kumar, "Effects of Oxygenated Additives with Diesel on the Performance of D I Diesel Engine ", Journal of Energy Research and Reviews, DOI: 10.9734/JENRR/2019/v2i330076, Article No. JENRR.47681, PP 1-9

Sri A. Hari Kumar

Journal:

1. **Hari Kumar Andem**, Dr. P. Ramesh Babu, "Tribological Behaviour of Alumina as a Lubricant Additive" International Journal of Modern engineering and research technology, vol 5,ISSN 2348-8565.Page no.273-282

Conferences:

1. **Hari Kumar Andem**, P. Divya, "Analysis of Laminated Composite using Finite Element Method" 2nd International Conference on Recent Advances in Materials and Manufacturing Technologies (ICRAMMT 2018) during, 19-20th Nov.,2018, University college of Engineering, Osmania University, Hyderabad. pp. 162
2. **Hari Kumar Andem**, Dr. P. Ramesh Babu, "An Experimental Study on Aluminium Metal Matrix composite Reinforced with Boron Carbide" 2nd International Conference on New Frontiers in Chemical, Energy and Environmental Engineering (INCEEE-2019), during 29-30, June 2018 MED, University college of Engineering, Osmania University, Hyderabad.

Sri S.Anil Kumar

Journal:

1. Dr. P. Venkateswara Rao, S. Ramesh, **S.Anil Kumar**, "Effects of Oxygenated Additives with Diesel on the Performance of D I Diesel Engine ", Journal of Energy Research and

Sri K.Kishor Kumar

Conferences:

1. Raju. T, **K. Kishor Kumar**, M.Jawahar, Radhika. M, "Modeling and Analysis of Helical Gear of Two Stage Reduction Gear Box", International Conference on Research Trends in Science, Technology, Engineering & Management (ICRSTM-2019), ISBN No. 978-81-940546-0-3, 10th – 12th May-2019.
2. Raju. T, **K. Kishor Kumar**, Hemasunder. B, Ch. Jeevan Reddy, "Design and Fabrication of Steering Controlled Headlights", International Conference on Research Trends in Science, Technology, Engineering & Management (ICRSTM-2019), ISBN No. 978-81-940546-0-3, 10th – 12th May-2019.

Sri S.Sripathy

Conference:

1. Mohd. Abdul Mubeen, Sri Ch. Karunakar, **S.Sripathy** "Preparation and Testing of Glass Powder Reinforced Polyester Resin Lamina", *International conf: Recent advances in Materials, Manufacturing and energy systems (ICRAMMES-2019)*, materials today proceedings Science Direct (Elsevier), 3rd -4th Jan. 2019.

Sri V.Srikanth

Conferences:

1. **V.Srikanth**, Dr. K. R. Narender Reddy, Dr. D.K. Nageshwar Rao "Mechanical Characterization of Coir Reinforced KGK Composite", 10th International Conference on Advancements in Polymeric Materials (APM2019), 22-24 Jan, 2019.
2. **V.Srikanth**, Dr. K. R.Narender Reddy, Dr. D.K. Nageshwar Rao, T. Ramu, "Processing and Evaluation of Mechanical Properties Oil Palm Fiber/Kondagogu Gum Bio-Resin Composite", Sixth International Conference on Natural Polymers (ICNP 2018), 7-9, Dec., 2018.
3. T. Ramu, Dr. K. R.Narender Reddy, Dr. D.K. Nageshwar Rao, **V.Srikanth**, "Tensile, Flexural & Water Absorption Properties of Randomly Oriented Jute/Palmyra Hybrid Fibre Composites", Sixth International Conference on Natural Polymers (ICNP 2018), 7-9, Dec., 2018.

Ms. P. Divya

Conference:

1. Hari Kumar Andem, **P. Divya**, "Analysis of Laminated Composite using Finite Element Method" 2nd International Conference on Recent Advances in Materials and Manufacturing Technologies (ICRAMMT 2018) during, 19-20th Nov.,2018, University college of Engineering, Osmania University, Hyderabad. pp. 162

Sri.V.Rakesh:

Journal:

1. **V. Rakesh**, P.S.S. Murthy and Dr.K. Eswaraiah "Testing of isomorphism in kinematic chain G.A based case study" International Journal of Modern engineering and research technology, vol 5,ISSN 2348-8565.Page no.365-371

Sri.P.Anil kumar:

Conference:

1. **P.Anil Kumar**, Dr. K. R.Narender Reddy "3D Mixed Mode Fracture Analysis on Composite Material By Using FEA", 10th International Conference on Advancements in Polymeric Materials (APM2019), 22-24 Jan, 2019.

Sri. P. Sreedhar**Conference:**

1. **Dr. U. Shrinivas Balraj**, P.Sreedhar " Investigation on the tensile strength of friction stir welded joints of dissimilar aluminium alloys" *International conf: Recent advances in Materials, Manufacturing and energy systems (ICRAMMES-2019)* , 3rd -4th Jan. 2019, pp. 289-294.

Best Student Project Award:

Mr. K. Shravan Anand (Roll. No: B15ME007) got best project award from Tata consultancy Services, Hyderabad.

Students Publications during 2018-19

S. No.	Name of the Student	Title of the Publication	Journal/Conference details
1.	K. Shravan Anand	Design of Disc Brake Rotor Using Static Structural and Thermal Performance Analysis, pp.166-172	Journal of Emerging Technologies and Innovative Research (JETIR) April 2019, Volume 6, Issue 4.
2.	G. Praharsha	Design of Disc Brake Rotor Using Static Structural and Thermal Performance Analysis, pp.166-172	Journal of Emerging Technologies and Innovative Research (JETIR) April 2019, Volume 6, Issue 4.
3.	K. Shravan Anand	Computation of Kinematic Redundancy and its workspace in RRRR planar Kinematic Chain	International Conference on Emerging Trends in Engineering (ICETE), University College of Engineering, Osmania University, Hyderabad
4.	K. Shravan Anand	Optimization of Inverse Kinematic Solution of a T4R Robotic Manipulator	Journal of Mechatronics and Robotics
5.	K. Shravan Anand	Design and Analysis of Vented Disc Brake Rotor	International Journal of Applied Engineering Research
6.	G. Praharsha	Design and Analysis of Vented Disc Brake Rotor	International Journal of Applied Engineering Research
7.	K. Shravan Anand	Spatial Analysis of Robotic Arm with Constrained Joints	International Journal of Applied Engineering Research

List of Alumni interactions arranged for Students:

S No	Industry Expert / Guest Speaker Name & Designation	Details of Industry/ organization	Topic/Title	Dates of Institute visit
1.	Sri C. Rathnakar, ADE, KTPP	KTPP, TS Genco, Bhupalapally	Overview of Thermal Power Plant	21.07.2018
2.	Sri C. Sridhar Reddy, MD	Prathiraj Metals, Hyderabad	Career Opportunities in plastic industry	28.09.2018
3.	Sri M. Sheshagiri Rao, AGM	Bharth Dynamics Ltd., Hyderabad	Working of Missiles	05.10.2018
4.	Sri J. Thomas, Manager	Grand Polycoats Company Pvt. Ltd., Hyderabad	Interaction with Students on Current Technologies	16.02.2019
5.	Mr. M. S.Srinivasa, Training Manager (Karnatnka and Telangana)	Training Manager, Hyderabad	Effective e-Resources Retrieval Strategies for Efficient Research	23.02.2019
6.	Sri L.V. Ram Prasad Engineer	GE India Technology Centre, Bangalore	Refrigeration and Air Conditioning – Industrial Applications	15.03.2019

List of Alumni interactions arranged for Students:

S.No	Date	Name & Designation	Address	Feedback/Suggestion
1	12-07-2018	Prithvi Kodati, M. Tech (Manufacturing Engineering) IIT Madras, B.Tech (Mechanical Engineering), Placed in TATA Motors (ERC), Ph. No: 8317645716 E-mail id: kodatiprithri@gmail.com		Had a good session interacting with juniors, Excited by responsiveness by students provided some tips given for GATE, Campus placements. Hope our students will reach milestones in future. I thank our faculty to arrange such a platform for interaction.
2	12-07-2018	Raju Pegade, M.Tech (Manufacturing Technology) NIT Tiruchirappalli, B.Tech (Mechanical Engineering), Placed in Quest Global Engineering Services. Ph. No: 8801087070 E-mail id: rajupegada@gmail.com		Interacted with the students, 2 nd year and 3 rd year students, had a wonderful session with them, we spoke about the placement activities, how it will happen and how to focus on HR interviews.
3	12-07-2018	T.S. Bhuvan Karthik, M.Tech (Design Engineering) BITS-Pilani, Placed in Vestas R&D and Bombardier. Ph. No: 9441442992 E-mail id: bktheunique@gmail.com		Interacted with students and faculty. It is always a pleasure meeting KITS-W Mechanical department.
4	13-07-2018	Chitumallu Sandeep, Working in Accenture got placed in Accountant General office Ph. No: 9492610801 E-mail id: chitumallu@gmail.com		Grateful to be part of KITS Warangal.
5	17-07-2018	Venkat Satwik Karmuri, Working in CAUSMAG (Magnesium Manufacturing) MECBOURNE, VICTORIA. Ph. No: 9100594007 E-mail id: satwik2030@gmail.com		Happy to interact with all my professors after long time.
6	18-07-2018	K. Sri Harsha Vardhan,	H. No: 10-5-115, Karimnagar-505001	Good Support to SAE and got and technical knowledge to enter the cooperate world.
7	21-07-2018	C. Ratnakar, Asst. Divisional Engineer. Ph. No: 9493123121	KTPP/TSGEN CO	
8	24-07-2018	K. Sri Harsha Vardhan, Startup – incubated at IITM incubated cell Ph. No: 8341913591		Great interaction with juniors and professors.
9	24-07-2018	T. Nagatharun, Working at CYIENT as level-3 Engineers		Good improvement circular and industry experience.

10	03-08-2018	Dr. A. Purushotham, Prof. of Mechanical Engineering, Sreenidhi Institute of Science & Technology, Ph. No: 9848086219		Computing facilities are good. Labs are to be modernized. Digital Lab. & NPTEL approach of learning is good. Most senior faculty are asset to the Department.
11	03-08-2018	Dr. P. Ravinder Reddy, Prof. of Mechanical Engineering & Principal, CBIT-Hyderabad.		Wonderful to come back and visit my home college, its great feeling to discuss with management, faculty and staff, changes made after my graduation is really great impact on present student T& L process.
12	21-08-2018	K. Adarsh Andrewson, M.Tech (Design Engineering), Worked as Field Officer in Tractors & Farm Equipment Ltd. (TAFE). Ph. No: 9542970390		
13	14-09-2018	V. Shashikanth, Software Engineer at AVEVA Solutions, Ph. No: 8374753395 E-mail id: svemulapalli96@gmail.com		Feeling happy. Nice College.
14	28-09-2018	Dr. G. Mallaiah, Professor, Mechanical Engineering Dept. Kamala Institute of Technology & Science, Singapur, Huzurabad. (KITS), Karimnagar. Ph. No: 9440324639 E-mail id: mallaiahg.kits@gmail.com		I am very happy to attend Alumni interaction with visiting NAAC Team members on 28-09-2018 at KITS, Warangal.
15	28-09-2018	C. Sridhar Reddy, Director, Prathiraj Metal Meters Pvt. Ltd. Cherlapally, Hyderabad. Ph. No: 9963976174 E-mail id: sridherreddy@gmail.com	Plot No. 205/4, Phase II, IDA Cherlapally, Hyderabad - 51.	Seen a lot of infrastructure added in last few years. Very active involvement by the teaching staff to involve Alumni from different sectors.
16	05-10-2018	M. Seshagiri Rao, Addl General Manager, Bharath Dynamics Ltd. Kanchanbegh, Hyderabad-58.m Ph. No: 9963976174 E-mail id: sridherreddy@gmail.com		The facilities developed in KITS are beyond requirement. They are maintaining ecofriendly environment. The values giving to the students which are helpful in personal life also. I am proud to be the student of KITS.
17	19-11-2018	L.V. Ram Prasad, Worked in GE India Technology center Ltd. Bangalore. Ph. No: 8332038328		

18		K. Rahul Reddy, Dimemsional Engineer, Karma Automotive LLC, 17100N. Perris BLVD. Moreno Valley, CA 92551.	2225, Tree house in corona, California.	
19	15-12-2018	P. Naga Vishal, Senior Creative Designer, Neoute Automotive Lighting, Bahadurgarh, Haryana. Ph. No: 9849028528 Email id: nvpampati@gmail.com		
20	15-12-2018	K. Santhosh Vijay Ranga Rao, Lead CG Modeler (Blur studies), LA, Califonia. Email id: koneru. santhosh@gmail.com		
21	15-12-2018	T. Sushen Dutt, PGDM-BE, EDIL, Gandhinager. Ph. No: 9959918882 Email id: sushen18@ediindia.org		
22	24-12-2018	Sridhar Babu. T Stone City owner, Import-Design-Fabricate-Install. Ph. No: 303.522.1122. Email id: babu@stonecityllc.com	1620 S. Abilene St. Unit G. Aurora, CO 80012.	
23	02-01-2019	Raj Kumar. K Danfoss Power Solutions, Mechanical Design Engineer. Ph. No: +1 614 356-0426		
24	02-01-2019	Sumhith Reddy Manufacturing Engineer, Proterra, California, USA. Ph. No: +1 669-215-8781 Email id: sumith339@gmail.com		
25		M. Koutil Reddy, Currently final semester in Enterprise Resource Planning, Victoria University, Sydney, Australia. Ph.No: 8500492111 Email id: maramreddykoutilreddy@gmail.com		
26		M. Raj Kiran, Maathrusri Engineers, Managing Partner. Ph.No: 9908384772 Email id: rajkkiran@maathrusri.com	Plot no. 10/A, PhaseIII IDA Cheralapally, Hyderabad- 76.	I am very grateful & thankful to the college & lectures for all the Very happy to see transformation at the campus and infrastructure & the efforts made for one academic session for research.

27	22-01-2019	Anurag Goney, Design Engineer @ Toshiba, Hyderabad. Ph. No: 8686420761 Email id: anurag.goney306@gmail.com		
28	24-01-2019	Dr. L. Siva Rama Krishna, Associate Professor, Dept. of Mechanical Engineering, University College of Engineering, Osmania University.		It is very exciting to visit my Alumna matter. The infrastructure of the dept. has remarkably improved and the transformation is happening in the right direction.
29	31-01-2019	Uma Mahesh Kumar. K Project chiet @ fiat chrysler, Ph. No: 7358049092 Email id: mahesh2704@gmail.com		It is very extreme pleasure and happiness to visit my old college and meet all my professors.
30	02-02-2019	Md. Aqeemuddin HR Executive, Ph. No: +91 6301275280 Email id: aqeem.kgmech@gmail.com.	10-4/A/12/1, 1 st Floor, Opp. To NMDC, Masab Tank, Hyderabad-18.	
31	16-03-2019	G. Revanth Kumar, Design Engineer (Aerospace) CYIENT Pvt. Ltd- Manikonda.		
32	16-03-2019	M.Raju, Assistant Professor, MED. CBIT, Hyderabad. Ph.No: 9700086384 Email id: raju.mara1@gmail.com		
33	18-04-2019	Revathi. Cholleti, Project Manager, United Health Group, Hyderabad. Ph.No: 9880592239 Email id: revathicholleti328@gmail.com		
34	18-04-2019	M.Sandhya, Assistant Professor, MED. DRK College of Engineering and Technology Ph.No: 7893487132		

Faculty Achievements:



Dr. K. Sridhar Professor of MED & Sri S. Anil Kumar, Assistant Professor, MED are receiving each Rs. 10,000/- under Research Incentive Scheme (RIS) for their SCOPUS Indexed journal Publications (Springer Link: Applied Solar Energy) from Chairman, Treasurer and Principal, KITSW on 24th September 2018



Sri Ch. Karunakar, Assistant Professor receiving best faculty Advisor Award as a part of Dronacharya assement at National electric Karting championship held ar RGVP, Bhopal.



Sri V. Srianth receiving Best Research Paper award from Prof. Sabu Thomas during ICNP 2018 held at Mahatma Gandhi University, Kotayam

35th Annual Graduation Day Celebrations (First Autonomous Batch 2014-18) held on 29th December, 2019



Roll of Honor for the Academic Year 2017-18:



M. Sai Teja Reddy (Roll. No: B14ME004) receiving Gold Medal from Capt. V. Laxmikantha Rao, S&C sir and Principal K. Ashoka Reddy for overall Academic Performance from Mechanical Engineering Department for the Academic Year 2014-18 (First Autonomous Batch)

Outgoing batch 2015-19

Mechanical Engineering-I



Mechanical Engineering-II



Semester-Wise Academic Toppers during the Academic Year 2018-19:

B. Tech (Mechanical Engineering)							
S.No.	Batch	Sem.	Hall Ticket No.	Academic Topper	Photo	SGPA	Rank
1	2015-19	VII	B15ME018	ATTEPALLY SAIKUMAR		10.00	1
2	2016-20	V	B16ME039	SUNKARI PRADEEP		9.97	1
3	2017-21	III	B17ME143	VEMULA RITWIK		9.50	1
4	2018-22	I	B18ME004	CHAGAM MANOHAR REDDY		9.59	1
M. Tech. (Design Engineering) 2017-19 Batch							
S.No.	Specialization	Hall Ticket No.	Academic Topper	Photo	CGPA	Rank	
1	Design Engineering	M17DE006	RAJASHEKAR REDDY NALLALA		8.38	1	

KITSW- MED in Media

Telangana Today

Wednesday, March 20, 2019

Warangal: Workshop on air conditioning held at KITS

The inaugural function of the two-day National-level workshop on 'Internet of Things (IoT)' was also held at the college

By Telangana Today | Published: 18th Mar 2019 13:51 pm

Warangal Urban: Department of Mechanical Engineering organised a one-day workshop on 'Refrigeration and Air conditioning - Industrial Applications' at Civil seminar hall, Kakatiya Institute of Technology & Sciences, Warangal (KITS-W), which was inaugurated by Dr. Ram Prasad, engineer, working with the Biltware.

L.V. Ram Prasad, an alumnus of KITS, explained the concepts and functioning of air conditioning with electronic demonstration.

"An early method of air cooling, which was widely practiced in India, was to hang wet grass mats over windows. Modern air-conditioning had its beginning in the textile industry. In the early 19th-century, in which atomized water sprays were used for simultaneous humidification and cooling. In the 20th century Willis Carrier of Buffalo, New York, devised the 'dew point control', an air-conditioning unit based on the principle that cool air reaches saturation and loses moisture through condensation." He urged the students to concentrate on the basic principles of science and technology.

Meanwhile, the inaugural function of the two-day National-level workshop on 'Internet of Things (IoT)' was also held at the college.

According to the guest of honor, Dr. Srinivas Chaitanya, Internet of Things (IoT) is the networking of physical objects that contain electronics embedded within their architecture in order to communicate with respect to the external environment. In future, IoT-based technology will offer advanced levels of services and practically change the way people lead their daily lives. Advancements in medicine, power, gene therapies, agriculture, smart cities, and smart homes are just a very few of the categorical examples where IoT is strongly established, he added.

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KITS students to take part in electric kart contest at Bhopal

Warangal: Students of the Department of Mechanical Engineering of Kakatiya Institute of Technology and Science, Warangal, will participate in the National Electric Kart Championship in Bhopal from March 26.

The Indian Express

ఈనాడు సోమవారం 25 మార్చి 2019

ఎలక్ట్రిక్ కార్ ఆవిష్కరణ



కీటీ విద్యార్థులు రూపొందించిన ఎలక్ట్రిక్ కార్తో అధ్యాపకులు, విద్యార్థులు తదితరులు

పోస్ట్ సమాచారం ఆబ్జెక్టివ్గా అందుతుంది మెకానికల్ ఇంజనీరింగ్ విభాగంపై ప్రాసెస్ సర్వీస్ చెప్పారు. ఈ వాహనం తయారీకి ప్యాన్లీ కోఆర్డినేషన్ ప్రాసెస్ సర్వీస్ కు డిజైన్ చేశారు. కీటీ విద్యార్థులు రూపొందించిన ఎలక్ట్రిక్ కార్తో అధ్యాపకులు, విద్యార్థులు తదితరులు

వైస్ ఛాన్సలర్, అధికారి, రంగాలెడ్జి, నారాయణరావు, రామారావు, అధికారి, మాన్య, శ్రీరామ్, శ్రీరామ్, కామ్రాట్ వంటివారు విద్యార్థులు ఎంతో కృషిచేసి తయారు చేసిన ఎలక్ట్రిక్ కార్తో అధ్యాపకులు, విద్యార్థులు తదితరులు

ఎలక్ట్రిక్ కార్ డ్రిన్ వెహికల్ ఆవిష్కరణ

సవలంకా-హన్మంతం మండల కేంద్రంలోని కీటీ విభాగం మెకానికల్ ఇంజనీరింగ్ విభాగం విద్యార్థులు రూపొందించిన ఎలక్ట్రిక్ కార్ డ్రిన్ వెహికల్ రేసు ప్రాసెస్ కే ఆఫీసరెడ్జి శనివారం ఆవిష్కరించారు. కళాశాల మెకానికల్ విభాగానికి చెందిన 19 మంది విద్యార్థుల బృందం డ్రిన్ బిల్డర్ల జే ఎలక్ట్రిక్ వాహనాన్ని తయారు చేశారు. ఈ సందర్భంగా డ్రిన్ వాహనం ఆఫీసరెడ్జి మాట్లాడారు. డ్రిన్ బిల్డర్ల జే తయారు చేసిన ఎలక్ట్రిక్ కార్ వాహనంతో పర్యావరణానికి ఎలాంటి హాని చేయట్లేదు సూచించారు. కాలుష్య ఉద్ధారాలు వెలువడకుండా ఈ వాహనం పని చేస్తుందని తెలిపారు. జీవన్, జీవన్, సోగ్గీ సెన్సార్, డిజిటల్ సెన్సార్, ఫింగర్ ప్రింట్ మాడ్యూల్ వంటి అత్యాధునిక సాంకేతిక సాక ర్యాలు దీని ప్రత్యేకమన్నారు. దాంతో

వాహనంలో ఎలాంటి సమస్యలు ఏర్పడని ఎలక్ట్రానిక్ డిస్కం వాహనం దారులకు సెల్ ఫోన్ ద్వారా సమాచారం అందిస్తుందని చెప్పారు. ఈ వాహనాన్ని తయారు చేసేందుకు రూ. రెండు లక్షలు ఖర్చు అయ్యిందని తెలిపారు. వాహనం యంత్ర పరికరాలను అత్యధునిక సాంకేతిక పరిజ్ఞానంతో తయారు చేయబడిన పని పేర్కొన్నారు. విద్యార్థులు రూపొందించిన ఈ వాహనాన్ని ఈ నెల 26 నుంచి 29 వరకు మధ్య ప్రదేశ్ రాష్ట్రం బోపాల్ నగరంలోని రాజ్ గాంధీ వైజ్ఞానిక విశ్వవిద్యాలయంలో జరగనున్న సేవల్లో ఎలక్ట్రిక్ కార్ ఛాంపియన్ షిప్ వైజ్ఞానిక పోటీలో విద్యార్థులు ప్రదర్శించనున్నారని చెప్పారు. ఈ కార్యక్రమంలో మెకానికల్ విభాగం డిప్యూటీ ప్రొఫెసర్ కే శ్రీధర్, ప్యాన్లీ కోఆర్డినేషన్ కు అధ్యక్షులు కరుణాకరెడ్జి పాల్గొన్నారు.

6/23 7:00

ఆంధ్రజ్యోతి

కీటీలో ఎలక్ట్రిక్ కార్ డ్రిన్ వెహికల్ ఆవిష్కరణ

కీటీలో ఎలక్ట్రిక్ కార్ డ్రిన్ వెహికల్ ఆవిష్కరణ



కీటీ విద్యార్థులు రూపొందించిన ఎలక్ట్రిక్ కార్తో అధ్యాపకులు, విద్యార్థులు తదితరులు

పోస్ట్ సమాచారం ఆబ్జెక్టివ్గా అందుతుంది మెకానికల్ ఇంజనీరింగ్ విభాగంపై ప్రాసెస్ సర్వీస్ చెప్పారు. ఈ వాహనం తయారీకి ప్యాన్లీ కోఆర్డినేషన్ ప్రాసెస్ సర్వీస్ కు డిజైన్ చేశారు. కీటీ విద్యార్థులు రూపొందించిన ఎలక్ట్రిక్ కార్తో అధ్యాపకులు, విద్యార్థులు తదితరులు

వైస్ ఛాన్సలర్, అధికారి, రంగాలెడ్జి, నారాయణరావు, రామారావు, అధికారి, మాన్య, శ్రీరామ్, శ్రీరామ్, కామ్రాట్ వంటివారు విద్యార్థులు ఎంతో కృషిచేసి తయారు చేసిన ఎలక్ట్రిక్ కార్తో అధ్యాపకులు, విద్యార్థులు తదితరులు

పాపనగటికి: టిగ్గు ఇంటినిగారి కళాశాల మోసానికర విభాగం విద్యార్థులు 'ఎలక్ట్రిక్ ఛార్జ్' అనే టీవీ టిల్యూలక్ వాహనాన్ని అభివృద్ధిచేశారు. టిగ్గు కనలం 28వ తేదీన మధ్యపరేటి రాష్ట్రం బోపాల్ లోని రాజ్ మోహందీ విశ్వవిద్యాలయంలో జరిగిన న్యూస్ సేషన్ లో ఎలక్ట్రిక్ ఛార్జ్ బాండియం షిప్ పోటీల్లో ప్రదర్శించనున్నారు. కళాశాల మోసానికర విభాగంలోని రెండవ 19 మంది విద్యార్థులు కలిసి ఈ మేరకేనైన తయారీలు చేశారు. ఆత్మాభివృద్ధికి సాంకేతికతే దూపాందించారు. రెండు గంటల పాటు ఛార్జింగ్ చేసి 7 గంటలపాటు వాహనం ముందుకుపోయి తేమీన, తేమనంబం, సోగ్గే సెన్సార్, ఉత్పన్నకత సెన్సార్, ఫింగర్ ప్రింట్ మోడ్యూలర్ మదలి ఆక్సాన్ కి సాంకేతిక సరికరాలను ఈ వాహనంలో అమర్చారు. వాహనంలో ఎలాంటి టెక్నాలజీ

ఈనాడు వరంగల్ అర్బన్ బుధవారం 3 ఏప్రిల్ 2019

ఎలక్ట్రిక్ కార్కు జాతీయ స్థాయిలో 4వ ర్యాంకు



భోపాల్లో వీసీ సునీల్ కుమార్ గుప్తా చేతుల మీదుగా ప్రశంసా పత్రం లభించుకుంటున్న కరుణాకర్

భూమారం, న్యూస్టుడే: మధ్యప్రదేశ్ రాష్ట్రం భోపాల్ లోని రాజ్ వంగాండ్ ప్రాజెక్టుకు విశ్వవిద్యాలయంలో గత నెల 28 నుంచి 29 వరకు జరిగిన నేషనల్ ఎలక్ట్రిక్ ఛాంపియన్ షిప్ పోటీల్లో హాసన్ పర్తి మండలం టీమారంలోని కిట్స్ వరంగల్ ఇంజనీరింగ్ కళాశాల మెకానికల్ ఇంజనీరింగ్ విభాగానికి చెందిన 19 మంది విద్యార్థులు పాల్గొని గ్రేడ్ సి పాత్ర కరుణాకర్, కె.కిశోర్ కుమార్ సహకారంతో తయారు చేసిన 'ఎలక్ట్రిక్ కార్డ్ జాతీయ స్థాయిలో 4వ ర్యాంకును సాధించినట్లు కళాశాల ప్రెసిడెంట్ ప్రొఫెసర్ కె.అశోక్ రెడ్డి మంగళ వారం ఒక ప్రకటనలో తెలిపారు. గ్రేడ్గా వ్యవహరించిన కరుణాకర్ గ్రేడ్ అధ్యాపక పోటీల్లో పరీక్షలను ఎదుర్కొని ప్రోటోటైప్ అభివృద్ధి పాటు సగదు బహుమతి, ప్రశంసా పత్రాన్ని ఆ విశ్వవిద్యాలయ వీసీ సునీల్ కుమార్ గుప్తా చేతుల మీదుగా అందుకున్నట్లు పేర్కొన్నారు. విద్యార్థులు అభివృద్ధి పాటు సగదు, ప్రశంసాపత్రాన్ని అందుకోవడంపై కళాశాల సెక్రటరీ అండ్ కరెస్పాండెంట్ కె.ప్రభాకర్ పి.ఎల్.కృష్ణారావు, ప్రజెంట్ పి.నారాయణరెడ్డి, మెకానికల్ ఇంజనీరింగ్ విభాగానికి ప్రొఫెసర్ కె.శ్రీధర్ పాటు అధ్యాపకులు, సిబ్బంది అభినందించినట్లు ఆ ప్రకటనలో వివరించారు.

విడియా థాన్ 2కే -19 కార్యక్రమం

భూమారం, న్యూస్టుడే: హాసన్ పర్తి మండలం టీమారంలోని కిట్స్ ఇంజనీరింగ్ కళాశాలలో మెకానికల్ ఇంజనీరింగ్ స్టూడెంట్ అసోసియేషన్ ఆధ్వర్యంలో విడియా థాన్ 2కే -19 సాంకేతిక కార్యక్రమాన్ని మంగళవారం నిర్వహించినట్లు కళాశాల ప్రెసిడెంట్ ప్రొఫెసర్ కె.అశోక్ రెడ్డి ఒక ప్రకటనలో తెలిపారు. విద్యార్థుల్లో దాగి ఉన్న సాంకేతిక నైపుణ్యాన్ని వెలికి తీసేందుకే ఈ కార్యక్రమాన్ని నిర్వహించినట్లు చెప్పారు. కళాశాల మెకానికల్ ఇంజనీరింగ్ విభాగాధిపతి ప్రొఫెసర్ కె.శ్రీధర్, డాక్టర్ పి.ప్రభాకర్ రావు, ఎన్.అనీల్ కుమార్, ప్రొఫెసర్ పి.శ్రీకాంత్, విద్యార్థి ప్రతినిధులు కార్తీక్, అఖిలేష్, సోని, లవనీక్, విద్యార్థులు తదితరులు పాల్గొన్నట్లు ఆ ప్రకటనలో తెలిపారు.

CONSTITUENCY వరంగల్ వశ్యమ

9 వరంగల్ అర్బన్ • ఆదివారం 17 మార్చి 2019

'కిట్స్'లో పైనలియర్ విద్యార్థులకు శిక్షణ

హాసన్ పర్తి, మార్చి 16: ఎలక్ట్రీషియన్ల వద్ద గుం కిట్స్ ఇంజనీరింగ్ కళాశాలలో కేవలం టీకె పైనర్ ఇయర్ విద్యార్థులు ఆన్ డిజైన్ అండ్ అలాన్సిస్ ఆన్ మెకానికల్ కాంప్యూటర్ అండ్ ఫ్రీడ్ క్యా కార్యక్రమం జరిగింది. ఈ సందర్భంగా ప్రాధాన్యతను పెంచే సైబరాంట్ టెక్నాలజీస్ మేనేజర్ ఎన్.సుబ్రహ్మణ్యరావు మాట్లాడుతూ పైనర్ అలాన్సిస్ విద్యార్థులకు అవగాహన ఉండేలా జాతీయ స్థాయిలో మాన్యువల్స్, అనంతరం ఉత్తీర్ణ నైపుణ్యాలు, నాణ్యత, లక్ష్యాలు, సాంకేతిక జ్ఞాన సముదాయం, విద్యనైపుణ్యం, గ్రాంట్ డిప్లొమా, కేరీరిజర్ డిప్లొమాపై శిక్షణ అవ్వాలి. ఈ కార్యక్రమంలో ఎన్.ఎస్.ఆర్ డిప్లొమా రైస్ రిమూవల్, ప్రొఫెసర్ కె.శ్రీధర్, హాసన్ పర్తి, కరుణాకర్, ప్రభాకర్ రావు, అనీల్ కుమార్, విజ్ఞాన కేంద్రం పాల్గొన్నారు.

KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE
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కాకతీయ సాంకేతిక విజ్ఞాన శాస్త్ర విద్యాలయం, వరంగల్ - 506 003

సాంకేతిక పరిజ్ఞానంలో నైపుణ్యం సాధించాలి

ప్రొఫెసర్ కె.అశోక్ రెడ్డి
మేనేజర్ సుబ్రహ్మణ్యరావు

పైన విద్యార్థులకు అవగాహన ఉండే ఉత్తీర్ణాలు చెప్పారు. ఉత్తీర్ణ నైపుణ్యాలు, నాణ్యత, లక్ష్యాలు, సాంకేతిక జ్ఞాన సముదాయం, విద్యనైపుణ్యం, గ్రాంట్ డిప్లొమా, కేరీరిజర్ డిప్లొమాపై శిక్షణ అవ్వాలి. ఈ కార్యక్రమంలో ఎన్.ఎస్.ఆర్ డిప్లొమా రైస్ రిమూవల్, ప్రొఫెసర్ కె.శ్రీధర్, హాసన్ పర్తి, కరుణాకర్, ప్రభాకర్ రావు, అనీల్ కుమార్, విజ్ఞాన కేంద్రం పాల్గొన్నారు.

500 KITS students bag plum offers

About 100 students got pre-placement offer and joined as interns in multinational companies

STATE BUREAU
Warangal Urban

For the academic year 2018-19, as many as 501 placements were offered by various multinational companies as on date which includes IT, Core & PSUs, said Dr Srikanth Pabbba, Training and Placement Officer at KITS Warangal (KITSW).

"Of the 501 offers, about 100 students got pre-placement offer (PPO) and joined as interns in multinational companies even before finishing their graduation," he said.

"The companies which offered PPO include MuSigma, GGG Technologies, Nineleaps, ZnaLytics, Ad3i, Acheron, AIR Worldwide, Aliens Group, Amararaja Batteries, Amrutha Tool Crafts, Raam Group, Uton Energia, VEM Tech-



KITS Warangal students who were placed in various MNCs 2018-19. Compared with last year, this year pre-placement offer rose 3 times.

nologies, Prathiraj Metal Masters, Vistex etc. Compared to previous year, this year pre placement offer increased 3 times. "The number of placements in the core sector was also remarkable this year", he added.

Realising the importance of being close to corporate, the institute also set up a corporate office in Hyderabad in the year 2014 which is working in tandem with Training & Placement cell to bridge the gap between Companies and college. Several other companies are in the pipe line for campus recruitment and more students are expected to be placed in the coming days in the core and software fields.

Over 75 companies assessed students of 2018-19 to offer 501 jobs with 21 Lakhs per Annum CTC paid by MuSigma being highest for the year. KITS Warangal stands first in the state for its number of offers in Infosys (65), Wipro (53) & HCL (31). 69 students got offers in TCS through National level tests TCS CodeVita & TCS Ninja. Other companies which offered jobs include CTS (31), Mphasis (27), Red Carpet (23), Raam Group (21), TATA Elxsi (17), ZnaLytics (16), Amrutha Tool Crafts (12), Atos Syntel (10), Ad3i (11), RAAM Group (19) to name a few.

He also added that "As PPO represent a future trend of hiring, the institute is encouraging the students to go for 06-08 months internship in MNCs, during their 8th semester after being offered PPO".



35th Graduation Day on 29th Dec 2018
(First Autonomous Batch 2014-18)



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