



SRI VENKATESWARA COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi & Affiliated to JNTUA, Anantapur)

Karakambadi Road, Tirupati-517507

MECHANIX

January-June 2018

Volume-5, Issue-2

Phone: 8886644964 Website: www.svce.edu.in E-mail: hod_me@svce.edu.in

2017 – 2018 EVEN Semester

DEPARTMENT OF ME

Vision of Department:

To impart knowledge with global perspectives in pursuit of excellence in Mechanical Engineering Education, Entrepreneurship and Innovation.

Mission of Department:

- M1: To inculcate students with leadership skills with high level of integrity & ethical values for team building and team Work.
- M2: To mold the young dynamic potential minds into full-fledged future professionals through effective teaching-learning techniques & industry – institute collaboration.
- M3: To serve the society through innovation and excellence in teaching and research.

Program Educational Objectives

- PEO1: Graduates can demonstrate technical competence in Mechanical Engineering domain as they apply problem solving skills to conceive, analyze, design and develop products, processes and systems.
- PEO2: Graduates can actively embrace leadership roles and strive hard to achieve professional and organizational goals with adherence to professional and ethical values, team expectations and sensitivities of cultural diversity.
- PEO3: Graduates are committed to practice engineering strategies in industry and government organizations to meet the growing expectations of the Stakeholders and also contribute to the societal development.



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PLACEMENTS DETAILS

COMPANY WISE

COMPANY	Students Placed	Location	Designation	Package
Super Auto Forge	16	Chennai	Graduate Engineer Trainee	1,25,000
ZOHO	1	Renigunta	Software Engineer	4,80,000
Sun Rise Systems	4	CHENNAI	Software Engineer	3,00,000
Tech Mahindra	9	TIRUPATI	True Value Evaluator	2,64,000
Manjusree Technopack	5	Bangalore	Graduate Engineer Trainee	2,50,000
Prime soft	4	Chennai	Software Engineer	2,50,000
Pratian Technologies	3	Chennai	Software Engineer	2,25,000
Sutherland Global services	6	Chennai	Technical Support Consultantcy	2,40,000
Infosys	10	Bangalore	Software Engineer	3,50,000
ISUZU	02	Tada	Trainee Engineer	1,56,000
PUZZOLONA Machinery Fabricators	01	Chennai	Software Engineer	1,50,000

Research – Funding Projects

Date	Funding Agency	Principal Investigator	Project Cost (INR)	Status
	SERB	Advances in Nano Technology in the Field of Mechanical Engineering	1,00,000	ON GOING
TOTAL	1		1,00,000	



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PLACEMENTS DETAILS – COMPANY WISE

COMPANY	2018	2017	2016	2015
TOTAL	23	25	30	8
Cognizant			11	4
Amararaja	1	2		2
Wipro			2	
Tech Mahindra		1	1	
TCS			1	
Sutherland		1	2	
Varun Motors		9		
Bridgestone		1		
Sunrise Biztech Systems				1
APSSDC				
Advent Global Solutions		2		
Expands Solutions		1		
Mahindra & Mahindra		8		
Indo – US – MIM				1
Indo – MIM			5	
ManjusreeTechnopack			4	
Renault – Nissan			4	
Super Auto Forge	16			
Infosys	2			
Sun Rise Systems	2			
FACE Academy	1			
SMART Training Resources	1			



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STUDENTS ACHIVEMENTS

Prathibha Award winners:

NameoftheStudent	RollNumber	Branch	Percentage (%)	Remarks
S. MadhuSudhan	15BF1D8707	M.Tech(AMS)	84.57	PrathibhaAward
T. Jaya Sree	15BF1D8708	M.Tech(AMS)	83.21	PrathibhaAward
K. Lakshmi Sai	13BF1A0323	ME	85.30	PrathibhaAward

Project Exhibition:

- J.ANIL KRISHNA, J.RAVI TEJA, Srinivasan, "PYROLYSIS OF WASTE PLASTIC TO FUEL", University Level Short List of the Tech Fest 2018 at JNTUA, Ananthapuram.
- K.Ashok, M.Mahitha, M.Lokesh, "PYROLYSIS OF WASTE PLASTIC TO FUEL", University Level Short List of the Tech Fest 2018 at JNTUA, Ananthapuram.
- C Anil Kumar, G Sai Vamsi Krishna Mohan Reddy, V S N Naveen Kumar, "AUTOMATED DRAIN / GUTTER CLEANER", University Level Short List of the Tech Fest 2018 at JNTUA, Ananthapuram.

Best Project

- J.ANIL KRISHNA, J.RAVI TEJA, P.Srinivasan, "PYROLYSIS OF WASTE PLASTIC TO FUEL", University Level Short List of the Tech Fest 2018 at JNTUA, Ananthapuram.
- K.Ashok, M.Mahitha, M.Lokesh, "PYROLYSIS OF WASTE PLASTIC TO FUEL", University Level Short List of the Tech Fest 2018 at JNTUA, Ananthapuram.

GATE Qualified 2017-2018

NameoftheStudent	RollNumber	Branch	Gate Score	All India Rank
E. Viswa Prasad	14BF1A0315	ME	344	30092
K. Sai Krishna	15BF5A0318	ME	348	29586
D. NagoorBasha	15BF5A0310	ME	394	23859

Students Participated Workshop's :

- P.Pavan, III Year participated in "MAT LAB" workshop conducted MECHANICA on 11th March 2018 at Indian Institute of Technology, Chennai.
- B. Mallikarjun, III Year participated in "MAT LAB" workshop conducted MECHANICA on 11th March 2018 at Indian Institute of Technology, Chennai.



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- M.Shajid, III Year participated in “MAT LAB” workshop conducted MECHANICA on 11th March 2018 at Indian Institute of Technology, Chennai.
- Sai Nikhil, III Year participated in “MAT LAB” workshop conducted MECHANICA on 11th March 2018 at Indian Institute of Technology, Chennai.
- ShanmugaSrinivas .K, III Year participated in “MAT LAB” workshop conducted MECHANICA on 11th March 2018 at Indian Institute of Technology, Chennai.
- Sahitha, III Year participated in “MAT LAB” workshop conducted MECHANICA on 11th March 2018 at Indian Institute of Technology, Chennai.
- M.Mahitha, III Year participated in “MAT LAB” workshop conducted MECHANICA on 11th March 2018 at Indian Institute of Technology, Chennai.
- Komal, III Year participated in “MAT LAB” workshop conducted MECHANICA on 11th March 2018 at Indian Institute of Technology, Chennai.
- K. Yamuna, III Year participated in “MAT LAB” workshop conducted MECHANICA on 11th March 2018 at Indian Institute of Technology, Chennai.
- K. Ashok, III Year participated in “MAT LAB” workshop conducted MECHANICA on 11th March 2018 at Indian Institute of Technology, Chennai.
- K. Ashok, III Year participated in “IC Engines” workshop conducted MECHANICA on 10th March 2018 at Indian Institute of Technology, Chennai.
- K. Ashok, III Year participated in “UAV-Quad Copter” workshop conducted Technotran, on 2nd to 3rd Feb 2018 at SV College of Engineering, Tirupati.
- R. Karthik Srinivas, III Year participated in “3D-Printing” workshop in M’Explore 2K18 conducted by Department of Mechanical Engineering on 16th& 17th March 2018 at SVU College of Engineering, Tirupati.
- C. Ganesh, I Year participated in “IC Engines” workshop in M’Explore 2K18 conducted by Department of Mechanical Engineering on 16th& 17th March 2018 at SVU College of Engineering, Tirupati.
- E. Ruthvik, I Year participated in “IC Engines” workshop in M’Explore 2K18 conducted by Department of Mechanical Engineering on 16th& 17th March 2018 at SVU College of Engineering, Tirupati.
- K. SankarSrinivas, I Year participated in “IC Engines” workshop in M’Explore 2K18 conducted by Department of Mechanical Engineering on 16th& 17th March 2018 at SVU College of Engineering, Tirupati.
- K. Kiran Reddy, I Year participated in “IC Engines” workshop in M’Explore 2K18 conducted by Department of Mechanical Engineering on 16th& 17th March 2018 at SVU College of Engineering, Tirupati.



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- K. Akhil, I Year participated in “IC Engines” workshop in M’Explore 2K18 conducted by Department of Mechanical Engineering on 16th& 17th March 2018 at SVU College of Engineering, Tirupati.
- M. HariSainadh, I Year participated in “IC Engines” workshop in M’Explore 2K18 conducted by Department of Mechanical Engineering on 16th& 17th March 2018 at SVU College of Engineering, Tirupati.
- CVS. Neeraj, I Year participated in “IC Engines” workshop in M’Explore 2K18 conducted by Department of Mechanical Engineering on 16th& 17th March 2018 at SVU College of Engineering, Tirupati.
- CVS. Neeraj, I Year participated in “3D-Printing” workshop in Explore 2K18 conducted by Department of Mechanical Engineering on 16th& 17th March 2018 at SVU College of Engineering, Tirupati.
- V. Subramanyam, I Year participated in “IC Engines” workshop in M’Explore 2K18 conducted by Department of Mechanical Engineering on 16th& 17th March 2018 at SVU College of Engineering, Tirupati.
- K. Moahn Rao, I Year participated in “IC Engines” workshop in M’Explore 2K18 conducted by Department of Mechanical Engineering on 16th& 17th March 2018 at SVU College of Engineering, Tirupati.

Students Prizes

- Asish Kumar Dash, I Year has presented a Technical paper in UNITE 2K18 held at Yogananda Institute of Technology and Science, Tirupati and Won Second Prize.
- P.M. Pavan Kumar, I Year has presented a Technical paper in UNITE 2K18 held at Yogananda Institute of Technology and Science, Tirupati and Won Second Prize.
- R. Karthik Srinivas, II Year has participated in Technical Quiz in M’EXPLORE 2K18 held at SV University, Tirupati and Won First Prize.

WORKSHOPS CONDUCTED

- A Two days’ workshop was conducted on “A WORKSHOP ON AUTOCAD” for III ME students 08-01-2018 to 18-01-2018 and the resource person was Mr. YennamGopi, Mr. BalaPittala, Miss. G. Sumohana IN ASSOCIATION WITH APSSDC.



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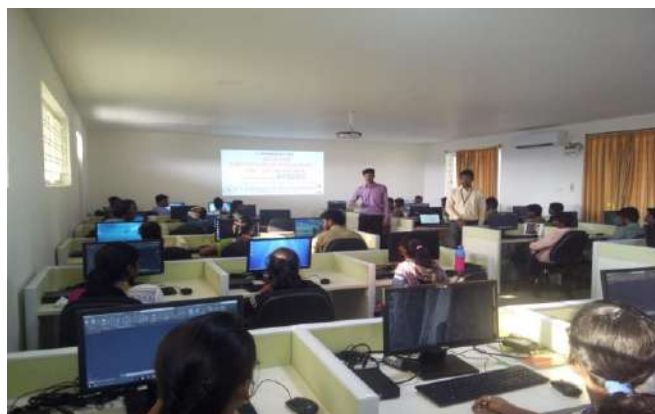
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A Two days' workshop was conducted on "A TWO DAY WORKSHOP ON UAV-QUADCOPTER" for III ME students 02-02-2018 to 03-02-2018 and the resource person was IN ASSOCIATION WITH TECHNOTRAN.



A Two days' workshop was conducted on "A WORKSHOP ON AUTOCAD" for III ME 08-03-2018 to 24-03-2018 and the resource person was M. DAKSHINA MOORTHY, YENNAM GOPI.





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SEMINARS CONDUCTED

A One seminar was conducted on “A Seminar on Entrepreneurship and Management” for II ME students on 06-01-2018 and the resource person was A. VIJAYA KUMAR Chief Mentor, Founder President, Entrepreneurship Development Institute of India



A One seminar was conducted on “Quality Concept and Quality Management System ISO 9001:2015 Revised Standard” for III ME students on 20-02-2018 and the resource person was SRI. C.A. MANOHAR Trainer - Corporate Training-Technical Corporate-Technology & Engineering Academy (C-TEA) Larsen & Toubro Limited, Mysore





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A One seminar was conducted on “MATERIAL SCIENCE AND ENGINEERING” for I ME students on 24-03-2018 and the resource person was Dr. JAYA KRISHNA .K Associate Professor, School MAT LAB Sciences (SMEC), Vellore Institute of Technology, Vellore



INDUSTRIAL VISITS BY STUDENTS

A One day industrial visit Programme conducted on 19-02-2018 & 20-02-2018 by II ME students to “SIBAR” Renigunta road, Tirupati.





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LIST OF CAREER GUIDANCE Mr. Deepak, Regional Manager Sessions:

A one career guidance Programme was conducted on “CAREER GUIDANCE PROGRAMME (GATE)” for II ME students 12-03-2018.

A one career guidance Programme was conducted on “CAREER OPPORTUNITIES FOR MECHANICAL ENGINEERS” for II ME students 14-03-2018 SRI. M. SREENIVASA RAO General Manager, ABD Plant - Operations, Amara Raja Batteries Ltd, Tirupati.



Research – Funding Projects

Investigator	Project Proposal	Project Cost (INR)	Funding Agency	STATUS
Dr. Naveen Kilari	Conversion of Waste Plastic to Fuel	1,00,000	DST	Completed
Dr. M. Chandra Sekhara Reddy	3D Printing	1,00,000	DST	Completed
Dr. M. Chandra Sekhara Reddy	HHO JET KART	50,000	IEDC	ON GOING
M. Peeraiah	OVER DRIVE ENHANCER	50,000	IEDC	ON GOING



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RESEARCH - journals published by faculty

JOURNAL	PRIMARY AUTHOR	TITLE OF THE PAPER
JRMET	M. Peeraiah	Static Analysis and Modal Analysis of Composite Mono Leaf Spring By Using Ansys
ANAS	S. MadhuSudhan	Monel400 Analysis and Optimisation of Process Parameters During Boring Process
IRJET	T. Pratheep Reddy	Optimization of WEDM Process parameters on SS 317 using Grey Relational Analysis
IJERT	T. Pratheep Reddy	Preparation of Aluminium Reinforced with Granite and Graphite – A Hybrid Metal Matrix Composite
IJAERS	K. Arun	Lubricant Failure Analysis of Roll Neck Bearings of Wire Rod Mill a Case Study

CONFERENCE ORGANIZED BY	FACULTY PRESENTED	Title of the Paper	REPUTED
HELIX (SCI Journal and Listed in Thomson Reuters)	A. Hemalatha	Sensitivity Analysis in Load forecasting using Computational Intelligence	YES
IHMTC	M. Peeraiah	Experimental Investigation of Heat Transfer Augmentation on Automobile Radiator Operated with NWCNT Nanofluid by Axisymmetric Air Jet Impingement through Confined Channel	Scoop Index Proceeding IHMTC Journal



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IIT, Chennai	S. Jaya Kishore	Experimental Parametric Studies on Hast Alloy Using Abrasive Water Jet machining	COPEN- 2017
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Students Academic Achivements and Excellence

(i) Toppers List

Roll Number	Student Name	Year	Percentage
14BF1A0343	MALIPEDDI DIWAKAR REDDY	IV-I	86.67
14BF1A0321	GODUGUCHINTHA S SUCHITH	IV-I	82.93
14BF1A0328	JUTURU VEERANJANEYULU	IV-I	82.53
15BF1A0346	KORLAGUNTA ASHOK	III-I	80.12
15BF1A0308	APPIREDDY CHANDANA	III-I	79.52
15BF1A0354	MAJJI MAHITHA	III-I	79.04
16BF1A0332	GNANASALA VAMSI KRISHNA	II-I	85.00
16BF1A0313	BANDI VAMSI KRISHNA REDDY	II-I	85.375
17BF5A0305	ATURI JAYAPRAKASHREDDY	II-I	84.375
17BF1A0357	MORAM HARI SAINADH REDDY	I-I	86.13
17BF1A0361	VIJAYASARADHI SUBRAMANYAM	I-I	86.13
17BF1A0312	CHAKRAVARTHULA VENKATA SAI NEERAJKUMAR	I-I	86.13



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(ii) Details of Students who win Prizes related to Academics

- P.M.Pavan Kumar, I Year has presented a Technical paper at S.V.College of Engineering, Kadapa and Won First Prize on 24th March 2018.
- B.Bhaskar, II Year has presented a Technical paper at S.V. University College of Engineering, Tirupathi and Won First Prize on 16th to 17th March 2018.
- B.Bhaskar, II Year has participated in Madanapalli Institute of Tehnology Sciences, Madanapallai and Won First Prize on 16th to 17th March 2018.
- S.Upendra Venkatesh, I Year has presented a Technical paper at S.V.College of Engineering, Kadapa and Won First Prize on 24th March 2018.
- P.M.Pavan Kumar & Asish Kumar Das, I Year has presented a Technical paper at Yogananda Institute of Technology and Science, Tirupati and Won Second Prize on 24th February 2018.
- K.Vasu, II Year has participated in Technical Quiz at S.V. University College of Engineering, Tirupathi and Won Second Prize on 16th to 17th March 2018.
- P.M.Pavan Kumar, I Year has presented a Technical paper at S.V.College of Engineering, Kadapa and Won First Prize on 24th March 2018.

Editorial Board

Head of the Department : Dr. M.Chandra Sekhara Reddy, Professor & Head, M.E

Staff Advisory Committee : Mrs. A.Hemalatha, Assistant Professor, Dept. of M.E

Editors : V.R.Sai Nithin, IV M.E

K.Ashok, III M.E