



# SRI VENKATESWARA COLLEGE OF ENGINEERING

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

Karakambadi Road, Tirupati-517507

## MECHANIX

July-December 2016

Volume-4, Issue-1

Phone: 8886644964 Website: [www.svce.edu.in](http://www.svce.edu.in) E-mail: [hod\\_me@svce.edu.in](mailto:hod_me@svce.edu.in)

2016 – 2017 ODD 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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#### Research – Funding Projects

Date	Funding Agency	Principal Investigator	Project Cost (INR)	Status
	ISRO Respond Scheme	Dr. M. Chandra Sekhara Reddy	18,80,000	Submitted
	DRDO	Dr. M. Chandra Sekhara Reddy	18,78,000	Submitted
06/01/17	AICTE RPS	Dr. M. Chandra Sekhara Reddy	14,00,000	Submitted
<b>TOTAL</b>	<b>3</b>		<b>51,58,000</b>	

#### PAPER PUBLISHED BY STUDENTS

- Anthati Naveen Kumar, M.Tech Student “Calculate Surface Finish Values with Different Parameters by CNC Turning Process Using Taguchi Method”, International Journal of Research, ISSN:2348-6848, Vol.03, Issue 14, October 2016
- B. JeevanAvinash, M. Chandra Sekhara Reddy, “**Model and Structural Analysis of Wind Turbine Blade**” IJSART, Vol. 2, Issue 12, Dec 2016, ISSN: 2395-1052.

#### WORKSHOPS ATTENDED BY FACULTY

- G.Gurusaiprasad, Assistant Professor of ME – attended 2 days Workshop on “**Composite Materials: Characterization & its Applications**” in JNTUP, Pulivendula, 19<sup>th</sup> to 20<sup>th</sup> OCT 2016.
- S. Jaya Kishore, Assistant professor of ME attended 1 day workshop on “**How to Write & Publish Effective Research papers in SCI Journals**” in S.A. Engineering College, Chennai on 21<sup>st</sup> October 2016.
- A. Hemalatha, Assistant Professor of ME attended One Week Workshop on “**Thermal Energy Systems – Optimization of Design for Fluid Flows and Heat Transfer**” in SreeVidyanikethan Engineering College, Tirupati on 19<sup>th</sup> to 23<sup>rd</sup> Dec 2016.

#### FDP ATTENDED BY FACULTY

- M. Gopala Krishna, Assistant professor of ME attended on Two Day FDP on “**Advanced Finite Element Applications in design**” in SVEC on 1<sup>st</sup> & 2<sup>nd</sup> September 2016.



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- R. Reddi Prasad, Assistant professor of ME attended on Two Day FDP on “Advanced Finite Element Applications in design” in SVEC on 1<sup>st</sup> & 2<sup>nd</sup> September 2016.

### WORKSHOP CONDUCTED

A Two days’ workshop was conducted on “IC Engine Overhauling” for III ME students 5<sup>th</sup> & 6<sup>th</sup> Oct – 16 and the resource person was Sri. Y.V. Anjaneyulu.



### LIST OF GUEST LECTURES CONDUCTED

A seminar was conducted on “3D PRINTING” for III ME students on 03-08-2016 and the resource person was Mr. Dr. C.S.P. Rao.





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A seminar was conducted on “Finite element analysis” for III ME students on 19-08-2016 and the resource person was Mr. Shreenivas & Mr. Krishna.



A seminar was conducted on “Best practices in industries” for III ME students on 07-09-2016 and the resource person was Sri. M. Sreenivasa Rao.





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A seminar was conducted on “Product Development through Solid Modeling” for III ME students on 24-10-2016 and the resource person was Dr. M. Senthil Kumar



### RESERCH -FUNDING PROJECTS

Investigator	Project Proposal	Project Cost (INR)	Funding Agency	STATUS
Dr. Naveen Kilari	Conversion of Waste Plastic to Fuel	1,00,000	DST	ON GOING
Dr. M. Chandra Sekhara Reddy	3D Printing	1,00,000	DST	ON GOING

### Students Academic Achivements and Excellence

#### (i) Toppers List

Roll Number	Student Name	Year	Percentage
12BF1A0321	GANGI SAI KRISHNA	IV-II	90.00
13BF5A0301	A JYOTHI GANGAKUMAR	IV-II	85.85





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13BF5A0309	P MOUNIKA	IV-II	85.23
13BF1A0323	K LAKSHMI SA	III-II	80.48
13BF1A0308	BABU DORAPANDI	III-II	80.24
13BF1A0301	A BHARGAVI	III-II	78.56
14BF1A0338	KUNCHA ASA KIRAN	II-II	85.60
14BF1A0343	MALIPEDDI DIWAKAR REDDY	II-II	84.53
15BF5A0318	K. SAI KRISHNA	II-II	80.27
15BF1A0346	KORLAGUNTA ASHOK	I-II	88.63
15BF1A0335	KAIKALA GOKUL	I-II	87.13
15BF1A0354	MAJJI MAHITHA	I-II	80.25

#### Editorial Board

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

Staff Advisory Committee : Mr. M.Peeraiah, Associate Professor, Dept. of M.E

Editors : G.B.Manjunadh, III M.E

: V.Lohith Mani, III M.E