



## SRI VENKATESWARA COLLEGE OF ENGINEERING

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

Karakambadi Road, Tirupati-517507

### MECHANIX

January-June 2017

Volume-4, Issue-2

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 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 contribute to the societal development.



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## STUDENTS ACHIEVEMENTS

### Prathibha Award winners:

Name of the Student	Roll Number	Branch	Percentage (%)	Remarks
Bandi Sruthi (M.Tech)	14BF1D8701	ME	83.00	Prathibha Award

### Project Exhibition:

- B. Dora Pandi, "Working Model Exhibition", Akhil Bharatiya Vidyarthi Parishad held on 17<sup>th</sup> to 19<sup>th</sup> March 2017 at KL University, Vijayawada.
- J. Hemanth, "Working Model Exhibition", Akhil Bharatiya Vidyarthi Parishad held on 17<sup>th</sup> to 19<sup>th</sup> March 2017 at KL University, Vijayawada.

### Workshop:

- R. Karthik Srinivas, participated in "Autotrix" workshop conducted NIT, Trichy on 1<sup>st</sup> March 2017 at Annamacharya Institute of Technology and Sciences, Tirupati.

### Best Project

- Dhanraj Gupta, Award as a Best Project in State Level for the Project Titled as "Waste Plastics to Diesel Conversion" during engineering students Innovation Challenge 2017 on 28-29 Jan 2017 at JNTUA, Ananthapuramu.

### Papers Published

- Roopesh Kumar .R.A & Sankar .R.V.R, IV Year Students "Experimental Parametric Studies on Hast alloy Using Abrasive Water Jet Machining", ICETEST, ISBN: 978-81-932966-3-9, Page No.64, 18-20 March 2017 at SV University.
- T. Jayasree, M. Gopala Krishna, M. Chandra Sekahara Reddy "Multiobjective Optimization of Process Parameters of CNC Turning on AA6082/Sic MMC using Genetic Algorithm" International Research Journal of Engineering and Technology, ISSN:2395-0072, Volume:04, Issue:05, May 2017.
- Bandaru Sivakumar, P. Charan Theja, S. Jaya Kishore, M. Chandra Sekahara Reddy "Mechanical Characterization of Hybrid Aluminium Metal Matrix Composite Manufactured by Stir Casting Technique" Proceedings of the International Conference on Recent Innovations in Production Engineering, March 24-25, 2017, ISBN:978-93-86256-65-2, MIT, Anna University, Chennai
- N. Umaphathi, D.J. Jyothsna Devi "Experimental Investigation to Predict Surface Finish & Material Removal Rate in Face Milling of Aluminum Alloy" International Journal of Advanced Technology and Innovative Research, ISSN:2319-8885, Vol.06, Issue 17, May 2017.



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- N. Umapathi, D.J. Jyothsna Devi, M. Chandra Sekhara Reddy “Experimental Investigation to Predict Tool Life in Face Milling of Aluminum Alloy” International Journal of Scientific Engineering and Technology Research, ISSN:2319-8885, Vol.06, Issue 17, May 2017.
- A. Murali, Jaya Kishore .S, M. Chandra Sekahara Reddy “Experimental Parametric Studies on Martenistic Stainless Steel 430L Using CO<sub>2</sub> Laser Welding” International Conference on Recent Advance in Materials, Mechanical and Civil Engineering ICRAMMCE – 2017, 1-2 June 2017, MLRITM, Hyderabad.
- Thalluri Saikishore, P. Punna Rao, M. Chandra Sekhara Reddy “Synthesis & Investigation of the Mechanical Behaviour of Luffa, Groundnut Shell, Chicken Feather and Cow dung Fibers Reinforced Epoxy Composites” International Journal for Scientific Research & Development, Vol.5, Issue 04, 2017, ISSN: 2321-0613.

### Conferences Attended – International Conferences

- Roopesh Kumar .R.A & Sankar .R.V.R, IV Year presented a paper on “Experimental Parametric Studies on Hastalloy Using Abrasive Water Jet Machining”, International Conference on Emerging Trends in Engineering, Science and Technologies, ICETEST, ISBN: 978-81-932966-3-9, Page No.64, 18-20 March 2017.
- S. MadhuSudhan, M.Tech “Anaysis and Optimisation of Process Parameters During Boring Process on Monel 400” in the Fourth National Conference AMESHE-2017 held on 6<sup>th</sup> May 2017.
- B. Sudheer Reddy, M.Tech “Experimental Investigation and Optimization of Parameters on Injection Moulding Process with LLDPE reinforced Flyash Using Taguchi” in the Fourth National Conference AMESHE-2017 held on 6<sup>th</sup> May 2017.
- D.J. Jyothsna Devi, Asst. Professor presented a paper entitled “Experimental Investigation to Predict tool life in Face Milling of Alluminum Alloy” by National Conference on “Emerging Trends in Engineering” on 2 to 4 March 2017 at Shree Institute of Technical Education

### FIP Attended by Faculty:

- P. Charan Theja, Assistant professor of ME attended on One Week FIP on “NX Basic Design and Basic Simulation – Siemens” in APSSDC held from 15<sup>th</sup> to 20<sup>th</sup> May 2017.

### Workshop Attended by Faculty:

- D. Raju, Asst. Professor of ME – attended One Day Workshop on “Smart Research Publications in Refereed Journals” held on SV College of Engineering, Tirupati, 17th June 2017.

### WORKSHOPS CONDUCTED



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A Two days' workshop was conducted on "3D-PRINTING" for III ME students 7 to 8 Feb – 2017 and the resource person was Mr. Deepak, Regional Manager



A One day's workshop was conducted on "CAD / CAM & CAE" for III ME students 20-02- 2017 and the resource person was Mr. K. Surendra, Senior Franchise Manager



### SEMINARS CONDUCTED

A seminar was conducted on "Fundamentals of Piping Design & Drafting" for III ME students on 17-03-2017 and the resource person was Mr. S. Sugumar.



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### INDUSTRIAL VISITS BY STUDENTS

A One day industrial visit Programme conducted on 01-02-2017 by II ME students to “SIBAR” Reniguntaroad, Tirupati.



A One day industrial visit Programme conducted on 21-03-2017 by II ME students to “SHAR” sriharikota, Nellore.



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

A one career guidance Programme was conducted on “The Journey of a Mechanical Engineer” for II ME students 06-04- 2017 and the resource person was Mr. K. Ramesh Reddy, International Consultant & Trainer.



A one career guidance Programme was conducted on “Awareness program on “Career Guidance Programme”” for II ME students 20-01-2017 and the resource person was Sri. Y V Gopala Krishna Murthy, MD, ACE Engineering Academy.

#### **Students Academic Achivements and Excellence**

##### **(i) Toppers List**



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Roll Number	Student Name	Year	Percentage
13BF1A0308	BABU DORAPANDI	IV-I	86.53
13BF1A0323	K LAKSHMI SAI	IV-I	82.93
13BF1A0301	A BHARGAVI	IV-I	78.53
14BF1A0338	KUNCHA ASA KIRAN	III-I	80.99
14BF1A0328	JUTURU VEERANJANEYULU	III-I	80.00
14BF1A0344	MANABOTHULA SARAN TEJA	III-I	79.26
15BF1A0346	KORLAGUNTA ASHOK	II-I	87.38
15BF1A0356	MAMUDURU PRATHEEP	II-I	84.00
16BF5A0308	DAGGUPATI MADHU	II-I	82.38
16BF1A0332	GNANASALA VAMSI KRISHNA	I-I	88.75
16BF1A0361	MALLELA SUNIL	I-I	87.88
16BF1A0338	JANGAM CHANDRA BOSE	I-I	84.28

### Editorial Board

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

Staff Advisory Committee : Mr. N.Rajesh, Assistant Professor, Dept. of M.E

Editors : A.Lahari, IV M.E

: G.Vamsi Krishna, III M.E