



SRI VENKATESWARA COLLEGE OF ENGINEERING

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

Karakambadi Road, Tirupati-517507

MECHANIX

JULY-DECEMBER 2018

Volume-6, Issue-1

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

2018 – 2019 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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1. Events & Activities (Organized) :

➤ Career guidance Programmes

- ME Department conducted a Seminar on “**Career Guidance**” by Resource Person Mr. Ramesh Santhanam M.Tech. Mfg (ASU - USA); B. Tech (Aero) MIT; B.S Phy. Business Strategy Advisor, Strategy & Systems Consulting; Corporate Advisor / Advisor to the Board, Magnetic Technologies LLC, Dubai; Corporate Advisor, AEC Singapore., held in SV College of Engineering on 23rd July 2018.



➤ Workshops/Seminars/Conferences

Workshops:

ME Department conducting a Students Training Programme “Inauguration of 3D Experience Center in Association with APSSDC and Dassault System and Training” by Rajesh, APSSDC, Mentor, G. Guru Mahesh, Asst. Professor, SVC, at SV College of Engineering, Tirupati on 27th August 2018.

SEMINARS CONDUCTED

- Department conducted a Seminar on “**LS Dyna**” by Resource Person Mr. B.R.M.V. Krishna, Sr.Simulation Engineer, MayinKrish Ventures Pvt. Ltd., Hyderabad., held in SV College of Engineering on 27th June 2018.



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- ME Department conducted a Seminar on “**Value Addition In Manufacturing**” by Resource Person Dr. P. Venkataramaiah, Professor, Dept. of Mechanical Engineering, SV University College of Engineering, Tirupati, held in SV College of Engineering on 29th September 2018.



FDPS CONDUCTED

- ME Department conducted a One Week Faculty Development Program on “**Optimization Using MATLAB**” by Department of Mechanical Engineering, NITTTR, Chandigarh., held in SV College of Engineering on 27th to 31th September 2018.





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➤ Industrial Visits:

- II Year ME Students are visited “SIBAR” Industry in Renigunta Road, Tirupati on 01st and 02nd August 2018.



- III Year ME Students are visited “RTPP” Industry in Muddanur, Kadapa on 25th August 2018.



- IV Year ME Students are visited “TVS Motor Company” Industry in Hosur, Bangalore on 29th August 2018.





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2. Co Curricular and Extra Curricular Activites

Department of Mechanical Engineering, SVCE conducted a two days workshop on “Design and Reconstruction of E-Kart” by SOHA, Society of Hydraulics and Automation, on September 14th & 15th 2018 in order to encourage the B-Tech students towards the design of Go-Kart and also to create awareness in automobile industry.



- In association with Dassault Systems CATIA Hands on Training programme for II,III,IV Year students is conducted for 1Month in SVCE



3. Workshops/Seminars/FDP/Career Guidance Programmes attended

1. P. CharanTheja, Asst. Professor of ME – attended Two Days Faculty Development Program on “**Non Destructive Testing and Evaluation**” conducted by Acoustic NDT Services in ChadalavadaRamanamma Engineering College, 22nd to 23rd August 2018.



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2. Dr.M.Chandrasekhara Reddy Professor of ME – Completed Online Course One Week Faculty Development Program on **“Refrigeration air Conditioning”** held on NPTEL Online Course, Aug – Sept 2018.
3. M.Peeriaha, Associate Professor of ME – Completed Online Course One Week Faculty Development Program on **“Advanced Thermodynamics”** held on NPTEL Online Course, Aug – Sept 2018.
4. M.Peeriaha, Associate Professor of ME – Completed Online Course One Week Faculty Development Program on **“Heat Transfer”** held on NPTEL Online Course, Aug – Sept 2018.
5. A.Venugopal Asst. Professor of ME – Completed Online Course One Week Faculty Development Program on **“Introduction to Abrasive Machining and Finishing Processes”** held on NPTEL Online Course, Aug – Sept 2018.
6. J. Narendra Kumar, Asst. Professor of ME – Completed Online Course One Week Faculty Development Program on **“Introduction to Abrasive Machining and Finishing Processes”** held on NPTEL Online Course, Aug – Sept 2018.
7. K.Arun, Asst. Professor of ME – Completed Online Course One Week Faculty Development Program on **“Introduction to Operations Research”** held on NPTEL Online Course, Aug – Sept 2018.
8. S. Jaya Kishore, Asst. Professor of ME – Completed Online Course One Week Faculty Development Program on **“Introduction to Research”** held on NPTEL Online Course, Aug – Sept 2018.
9. G. Guru Sai Prasad, Asst. Professor of ME – Completed Online Course One Week Faculty Development Program on **“Introduction to Abrasive Machining and Finishing Processes”** held on NPTEL Online Course, Aug – Sept 2018.
10. D. Raju, Asst. Professor of ME – Completed Online Course One Week Faculty Development Program on **“Introduction to Abrasive Machining and Finishing Processes”** held on NPTEL Online Course, Aug – Sept 2018.
11. K.HarshaVardhan Reddy, Asst. Professor of ME – Completed Online Course One Week Faculty Development Program on **“Introduction to Abrasive Machining and Finishing Processes”** held on NPTEL Online Course, Aug – Sept 2018.
12. G.Gopalakrishna, Asst. Professor of ME – Completed Online Course One Week Faculty Development Program on **“Introduction to Abrasive Machining and Finishing Processes”** held on NPTEL Online Course, Aug – Sept 2018.
13. A.Hemalatha, Asst. Professor of ME – Completed Online Course One Week Faculty Development Program on **“Introduction to Abrasive Machining and Finishing Processes”** held on NPTEL Online Course, Aug – Sept 2018.
14. D.Anjan Kumar Reddy, Asst. Professor of ME – Completed Online Course One Week Faculty Development Program on **“Engineering Metrology”** held on NPTEL Online Course, Aug – Sept 2018.
15. B.Eshwariaha, Asst. Professor of ME – Completed Online Course One Week Faculty Development Program on **“Engineering Metrology”** held on NPTEL Online Course, Aug – Sept 2018.
16. T.Pratheep Reddy, Asst. Professor of ME – Completed Online Course One Week Faculty Development Program on **“Engineering Metrology”** held on NPTEL Online Course, Aug – Sept 2018.
17. D.J.JyotshnaDevi, Asst. Professor of ME – Completed Online Course One Week Faculty Development Program on **“Manufacturing of Composites”** held on NPTEL Online Course, Aug – Sept 2018.



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18. G.GuruMahesh, Asst. Professor of ME – Completed Online Course One Week Faculty Development Program on “**Robotics**” held on NPTEL Online Course, Aug – Sept 2018.
19. A.Ajay, Asst. Professor of ME – Completed Online Course One Week Faculty Development Program on “**Robotics**” held on NPTEL Online Course, Aug – Sept 2018.
20. S.Nagaratna, Asst. Professor of ME – Completed Online Course One Week Faculty Development Program on “**Heat Exchangers**” held on NPTEL Online Course, Aug – Sept 2018.
21. ME Department conducted a One Week Faculty Development Program on “**Optimization Using MAT LAB**” by Department of Mechanical Engineering, NITTTR, Chandigarh., held in SV College of Engineering on 27th to 31th September 2018.
22. S. Sujitha, Asst. Professor of ME – attended Two Day Workshop on “**Leadership Challenges for Professional Women**” held on Sri Venkateswara Engineering College for Women, Tirupati, 16th to 17th November 2018.
23. D.J. Jyothsna Devi, Asst. Professor of ME – attended Two Day Workshop on “**Leadership Challenges for Professional Women**” held on Sri Venkateswara Engineering College for Women, Tirupati, 16th to 17th November 2018.
24. Dr.M.Chandrasekhara Reddy, Professor of ME participated in One Week Short term course on “**Optimization Using MAT LAB**” in association with NITTTR, Chandigarh., held in SV College of Engineering on 27th to 31th September 2018.
25. Dr.B.K.C.Ganesh, Professor of ME participated in One Week Short term course on “**Optimization Using MAT LAB**” in association with NITTTR, Chandigarh., held in SV College of Engineering on 27th to 31th September 2018.
26. Dr.M.Vamsi Krishna, Professor of ME participated in One Week Short term course on “**Optimization Using MAT LAB**” in association with NITTTR, Chandigarh., held in SV College of Engineering on 27th to 31th September 2018.
27. M.Peeriaha, Associate Professor of ME participated in One Week Short term course on “**Optimization Using MAT LAB**” in association with NITTTR, Chandigarh., held in SV College of Engineering on 27th to 31th September 2018.
28. G.Guru Mahesh, Associate Professor of ME participated in One Week Short term course on “**Optimization Using MAT LAB**” in association with NITTTR, Chandigarh., held in SV College of Engineering on 27th to 31th September 2018.
29. A.Venugopal, Associate Professor of ME participated in One Week Short term course on “**Optimization Using MAT LAB**” in association with NITTTR, Chandigarh., held in SV College of Engineering on 27th to 31th September 2018.
30. A.Ajay, Associate Professor of ME participated in One Week Short term course on “**Optimization Using MAT LAB**” in association with NITTTR, Chandigarh., held in SV College of Engineering on 27th to 31th September 2018.



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31. D.J.Jyotshna Devi, Associate Professor of ME participated in One Week Short term course on **“Optimization Using MAT LAB”** in association with NITTTR, Chandigarh., held in SV College of Engineering on 27th to 31th September 2018.
32. A.Hemalatha, Assistant Professor of ME participated in One Week Short term course on **“Optimization Using MAT LAB”** in association with NITTTR, Chandigarh., held in SV College of Engineering on 27th to 31th September 2018.
33. M.Gopala Krishna, Assistant Professor of ME participated in One Week Short term course on **“Optimization Using MAT LAB”** in association with NITTTR, Chandigarh., held in SV College of Engineering on 27th to 31th September 2018.
34. T.Pratheep Reddy, Assistant Professor of ME participated in One Week Short term course on **“Optimization Using MAT LAB”** in association with NITTTR, Chandigarh., held in SV College of Engineering on 27th to 31th September 2018.
35. P.CharanTeja, Assistant Professor of ME participated in One Week Short term course on **“Optimization Using MAT LAB”** in association with NITTTR, Chandigarh., held in SV College of Engineering on 27th to 31th September 2018.
36. B.Eshwariaha, Assistant Professor of ME participated in One Week Short term course on **“Optimization Using MAT LAB”** in association with NITTTR, Chandigarh., held in SV College of Engineering on 27th to 31th September 2018.
37. P.Punnarao, Assistant Professor of ME participated in One Week Short term course on **“Optimization Using MAT LAB”** in association with NITTTR, Chandigarh., held in SV College of Engineering on 27th to 31th September 2018.
38. S.Jayakishore, Assistant Professor of ME participated in One Week Short term course on **“Optimization Using MAT LAB”** in association with NITTTR, Chandigarh., held in SV College of Engineering on 27th to 31th September 2018.
39. J.Narendrakumar, Assistant Professor of ME participated in One Week Short term course on **“Optimization Using MAT LAB”** in association with NITTTR, Chandigarh., held in SV College of Engineering on 27th to 31th September 2018.
40. K.Harshavardhan, Assistant Professor of ME participated in One Week Short term course on **“Optimization Using MAT LAB”** in association with NITTTR, Chandigarh., held in SV College of Engineering on 27th to 31th September 2018.
41. S.Madhusudhan, Assistant Professor of ME participated in One Week Short term course on **“Optimization Using MAT LAB”** in association with NITTTR, Chandigarh., held in SV College of Engineering on 27th to 31th September 2018.
42. S.Sujitha, Assistant Professor of ME participated in One Week Short term course on **“Optimization Using MAT LAB”** in association with NITTTR, Chandigarh., held in SV College of Engineering on 27th to 31th September 2018.



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43. Venkatakondiah, Assistant Professor of ME participated in One Week Short term course on “**Optimization Using MAT LAB**” in association with NITTTR, Chandigarh., held in SV College of Engineering on 27th to 31th September 2018.

4. PUBLICATIONS IN CONFERENCES

S.No	Author	Title	Name of the Conference	Volume	Year
1	M.ChandraSekhara Reddy	Enhancement of Heat transfer coefficient in an Automobile Radiator using Ethylene Glycol Water Based Zno Nano fluids- An Experimental Investigation	International Conference on Emerging trends in Engineering, Sciences and Management	2	December 2018

5. PUBLICATIONS IN JOURNALS

S.No	Author	Title	Name of the Journal	Volume	Year
1.	D.J.Jyotshna Devi	Optimization of Process Parameters on Die-Sinking EDM With Twin Tool Setup Using Taguchi Method	I Managers	Vol.8 Issue.3	July 2018
2.	V. Ajay, G. Guru Mahesh	Fabrication of AL/FLY ASH MMC, Identifying Mechanical Properties & Multi Objective Optimization	International Journal of Mechnaical and Production Engineering Research and Development	ISSN(P): 2249-6890, ISSN(E): 2249-8001, Vol.8, Issue 4,	August 2018



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		for Turning Process Using Grey Relational Analysis		Page No. 981-994,	
3.	D. Raju, V. Ajay, G. Guru Mahesh, G. Guru Sai Prasad	Thermal Effect is Optimized by Transparent Coating for Glass Materials by Use of Indium Tin Oxide	International Journal of Emerging Technologies and Innovative Research(JETIR)	Vol.5, Issue 10, Page No. 4-494	October 2018
4.	K.Arun, M.ChandraSekhara Reddy	Optimizing the Process parameters of EDM Using Taguchi Method and ANOVA on Inconel-718	International Journal of Emerging Technologies and Innovative Research(JETIR)	Vol.5, Issue 12, Page No. 487-494	December 2018
5.	P.charanTeja, M.ChandraSekhara Reddy	Experimental Investigation Of Wire EDM Parameters For Surface Roughness and MRR in Machining of Inconel 800 Super Alloy	International Journal of Scientific research and Review	Vol.5, Issue 11	November 2018

6. PLACEMENTS DETAILS

COMPANY	Students Placed	Location	Designation	Package
Infosys	3	Hyderabad	Software Engineer	4,80,000
CTS	6	Bangalore	Software Engineer	2,16,000
Piolex	2	Chennai	Software Engineer	3,00,000
Just dial	1	Hyderabad	True Value Evaluator	2,50,000
Wonjin Autoparts Pvt Ltd	12	Chennai	Graduate Engineer Trainee	1,20,000



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7. Students Academic Achivements and Excellence

(i) Toppers List

Roll Number	Student Name	Year	Percentage
14BF1A0343	MALIPEDDI DIWAKAR REDDY	IV-II	94.73
14BF1A0338	KUNCHI ASA KIRAN	IV-II	92.55
15BF5A0304	A. SRI VAISHNAVI	IV-II	92.00
15BF1A0354	MAJJI MAHITHA	III-II	88.60
15BF1A0308	APPIREDDY CHANDANA	III-II	86.99
16BF5A0327	CHINTHALA SIREESHA	III-II	86.56
16BF1A0313	BANDI VAMSI KRISHNA REDDY	II-II	88.11
17BF5A0310	BOOCHETTY SAI SRINIVASA RAHUL PRIYATHAM	II-II	88.11
17BF5A0323	KOTAKUNTA VASU	II-II	85.78
17BF1A0357	MORAM HARI SAINADH REDDY	I-II	88.50
17BF1A0361	VIJAYASARADHI SUBRAMANYAM	I-II	86.88
17BF1A0312	CHAKRAVARTHULA VENKATA SAI NEERAJKUMAR	I-II	85.63

(ii) Prathibha Awards

Name of the Student	Roll Number	Branch	Percentage (%)	Remarks
K. AsaKiran	14BF1A0338	ME	83.25	PrathibhaAward



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

- P.M. PavanKumar, has presented a Technical paper in Mohana Mantra held at Sri vidyanikethan, Rangampeta, Tirupati and Won First Prize.

8. Research – Funding Projects

- Dr. M. Chandra Sekhara Reddy, Professor & HOD, SV College of Engineering, was awarded with Adarsh Vidya Saraswati Rashtriya Puraskar by the Global Management Council, Ahmedabad.
- Dr. M. Chandrasekhara Reddy, Professor and Head of the Mechanical Engineering Department, S.V.C.E, Tirupati, has delivered a lecture on the topic of “The Role of Nano- Thermo fluids in Energy systems Realization in Solar Energy Collectors” on 14-11-2018 in the Faculty Development Programme “Solar and Wind Energy-Future Technologies” Under TEQUIP III at Jawaharlal Nehru Technological University, Anantapur.

IEDC PROJECTS:

S.No	Roll Number	Names	Budget	Project Title	Status
1	17BF5A0308	B.Hari Krishna	Rs.75,000/-	TRI WHEEL GRASS MOVER	ON GOING
2	17BF5A0334	A.Krishna Sai			
3	17BF5A0315	D.Sreeharsha			
4	16BF1A0324	C.Swetha			

S.No	Roll Number	Names	Budget	Project Title	Status
1	16BF1A0351	K.Yaswanth Reddy	Rs.40,000/-	Multi Task floor cleaner	ON GOING
2	16BF1A0383	R.KrishnaMadhur			
3	16BF1A0321	C.Ramya			
4	16BF1A0334	G.Chaitra			



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Editorial Board

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

Staff Advisory Committee : Mr. S.Jaya Kishore, Assistant Professor, Dept. of M.E

Editors : K.Ashok, IV M.E

: R.Karthik Srinivas, IV M.E