



SRI VENKATESWARA UNIVERSITY:: TIRUPATI

ASSISTANT PROFESSOR					
S.No.	Particulars of the Teacher				
1.	Name of the Teacher	Dr. A.SREENIVASULU REDDY			
2	Present Designation / Department / College	Assistant Professor Department of Mechanical Engineering S.V.University College of Engineering S.V.University, Tirupati - 517502			
3.	Educational Qualifications	U.G.	B.Tech (Prod.)	P.G.	M.Tech (Prod)
		M.Phil.	-	Ph.D	Ph.D
4.	Date of joining as lecturer in the University	05-07-2007			
5.	Details of the past Service, if any	21 years teaching experience + 4 years industry (18 yrs as Asst. Prof. + 3yrs Associate Prof.) through JNTU selection committee, Hyderabad			
6.	Date of award of M.Tech. Degree	July, 1997(M.Tech Degree) (Prod Engg)			
7.	Date of award of Ph.D. Degree	Feb 2015; S.V.University, Tirupati.			

Work Experience Details

S NO	FROM	TO	Designation	Intuition	Permanent	Experience in Years
1	Aug, 1991	May,1995	Production Engineer	Ground Water Drilling Equipments	Permanent	4
1	June, 1995	Sep, 1997	Ad-hoc Lecturer	Vasavi College of Engg, Hyderabad	Temperary	2
2	Oct,1997	June,2004	Assistant Professor	B V Raju Institution of Technology, Narapur, Medak Dt.	Permanent (Through JNTU Select Committee)	7
3	June,2004	May,2007	Associate Professor	Gokaraju Ranraju Institute Of Engg & Tech, Hyderabad.	Permanent (Through JNTU Select Committee)	3
4	July,2007	Till Date	Assistant Professor	S V University, Tirupathi	Permanent (Through SVU Select Committee)	9 (continuing)

Conferences / Seminars/Workshops Attended

S.No	Title of the event	Organizing Institution	Period
1	Computer Applications In Engineering And Science	Indian society for technical education Andhra Pradesh section/ Organized By Vasavi College Of Engg., Hyderabad	Jan 2 nd -3 rd , 1996
2	17 th All India Manufacturing Technology Design	Dept of Mech Engg., Regional Engineering college, Warangal, AP	9 th – 11 th Jan 1997

	And Research Conference (AIMTDR)		
3	19 th all India manufacturing technology desing and research conference(AIMTDR)	Dept of Mech Engg., IIT Madras	Dec 2000
4	National conference on computer integrated design and manufacturing (NCCIDM)	Dept. of Prod Engg Amrita institute of Tech & science Coimbatore	14 th -15 th May,2001
5	National conference on Advances in Mech Engg	Dept of Mech Engg., Vasavi College Of Engg,Hyderabad	13 th -14 th May,2005
6	National Conference on State of the Art of Technologies in Mech Engg.	Dept of Mech Engg., JNTU College of Engg, Hyderabad	5 th -6 th May,2006
7	IV National Conference on Trends in Mech Engg – ‘Time’2010	Dept of Mech Engg., KITS, Warangal, AP	30 th Dec,2010

L) Summer/ Winter Schools Attended

S.No	Title of the event	Organizing Institution	Period
1	System approach to computer integrated manufacturing	Sponsored by AICTE-ISTE, New Delhi, Organized by Dept of Mech Engg., Regional Engineering college, Warangal, AP	28 th December, 1998 to January 1999
2	5 th Workshop on Entrepreneurship	Dept of MechEngg, O U College of Engg, Osmania University, Hyderabad.	9 th October, 1998
3	Short Term Training Program On Intelligent Machines	Sponsored by AICTE-ISTE, New Delhi, Organised by Dept Of Mech ENgg., Regional Engineering College, Warangal, AP	31 st December, 2001 to12 th January, 2002
4	Faculty Development program (FDP) on entrepreneurship Development	APITCO Limited, Hyderabad	8 th -20 th March, 2004.
5	Induction Program For The New Faculty(FDP)	S V University Tirupati	7 th -11 th august, 2007
6	Faculty Training Program On Instructional Design And Delivery Systems(FDP)	S V University Tirupati	24 th – 29 th November, 2007
7	One Week Short Term Training Program (STIP) on “MECHATRONICS”	AP State Centre of IEI, Hyderabad.	16 th -20 th June, 2008
8	Workshop on “Intelligent Manufacturing”	Dept of Mech Engg., Andhra University, Visakapatnam.	16 th -17 th March, 2009
9	Workshop on “Data management systems”	IIT, BomBay	21 st – 31 st May, 2013

List of M.Tech dissertations guided - Completed / In Progress

S.No	Name of the Student	Title	Year of Registration	Status
1.	Haritha Reddy, JNTU,Hyderabad		2004	completed
2.	K.Sasi kumar JNTU,Hyderabad	Computer aided process planning using genetic algorithm	2004	completed
3.	G.Sanjanna S V University,Tirupati	Plant layout using PROMODEL 6.0	2006	completed
4.	CH.Ramakrishnaiah S V University,Tirupati	Process planning using	2006	Completed
5.	M.Venkateshwarlu S V University,Tirupati	Design and Analysis of driven shaft for hydraulic coupling by varying collar width	2007	Completed
6.	T.Suman S V University,Tirupati		2008	Completed
7.	Harikrishna S V University,Tirupati		2008	In Progress
8.	Krishna S V University,Tirupati		2009	Completed
9.	Kajavalli S V University,Tirupati		2010	Completed
10.	Ramesh Babu S V University,Tirupati		2010	Completed
11.	Tirupataiah S V University,Tirupati		2011	Completed
12.	B.Narayana Reddy S V University,Tirupati	Generation of optimum process plans and schedules using hybrid algorithm	2012	Completed
13.	A.Krishnarjuna Rao		2012	Completed
14.	K.Sreenath		2012	Completed
15.	P.Munibabu		2015	Completed
16.	Y.Poorna Chandra Sekhar		2014	Completed
17.	N.HARI PRASAD		2011	Completed
18.	K.Ram Madaqv		2015	Completed
19.	P.Hitheshwar Naik		2015	Completed

List of B.Tech dissertations guided - Completed / In Progress

S.No	Name of the Student	Title	Year of Registration	Status
1.	T.Hima sagar, J.Siva Sankar M.Siva Krishna P. PenchalaSreenivasulu	Study Of Rejection Parts In Foundry And Machine Shop	2006	Completed

		Using SQC Techniques		
2.	D.DINESH, T.RAJESH	Optimization Of Shell Core And Improvement In Utilization Of Men And Machinery Using Pro Model6.0 Package	2007	Completed
3.	K.Usharani N.Pruthvi S.farnz sultana	Study On Effect Of Some Parameters On Drilling	2007	Completed
4.	K.Sashidhar V J S Krishna kanth	Structural Analysis Of Car Seat	2008	Completed
5.	A.mounika G.Prabhakar	Modeling And Analysis Of The Connecting Rod For Two Different Materials Using Finite Element Analysis	2009	Completed
6.	V.Sreeja S.Leela Bharathi M.Jaya Malleswari	Improving Thermal Efficiency Of Engine By Using Semiadiabatic Engine	2009	Completed

COURSES HANDLED

P.G.Program	U.G.Program
<ol style="list-style-type: none"> 1. Product design and development strategies 2. Modeling of automated manufacturing systems 3. Automation & Computer integrated Manufacturing 4. Flexible Manufacturing Systems 5. Expert systems in Manufacturing 6. Advanced operation research 7. Simulation and modeling 8. Computer aided management 9. Management information systems 10. CAD/CAM Lab 11. Artificial Intelligence 	<ol style="list-style-type: none"> 1. Engineering drawing 2. Machine drawing 3. Production drawing 4. Fluid mechanics and hydraulic machines 5. Management science 6. Operations research 7. Optimization techniques 8. Robotics and automation 9. Material science and metallurgy 10. Unconventional machining process 11. CAD/CAM 12. Thermodynamics 13. Production technology 14. Automated manufacturing systems 15. Computer oriented optimization techniques 16. Machine tool technology and advanced manufacturing process 17. Turbo machinery 18. Strength of materials 19. Work shop technology 20. Advanced thermodynamics 21. Engineering mechanics 22. Simulation and Modeling 23. Analysis and Control of production systems

LIST OF PAPERS PRESENTED IN NATIONAL AND INTERNATIONAL CONFERENCES

1. “Integration of Process Planning And Scheduling Activities Using A Hybrid Model”, International conference on Advanced Optimization Through Intelligent Techniques, July 2013, S.V. National Institute of Technology, Surat, Gurat State, India.
2. “Optimization of process planning system using Depth First Search (DFS) algorithm”, International Journal of Advanced Computing (IJAC), Vol. 4, April 2012, pp.57-61.
3. “Integration of process planning scheduling activities using Petri Nets”, International Journal of Multidisciplinary Research and Advanced Engineering.(IJMRAE), vol. 4, No.III (July 2012), pp.387-402.
4. “Optimal selection of process plans and scheduling using Petri Nets approach”, NCSAME, National conf., JNTU College of Engg, Hyderabad, May 5th and 6th ,2006.
5. “Optimal selection of process plans and scheduling using genetic algorithm and simulated annealing approach”, AIM, National conference, Vasavi College of Engineering, Hyderabad, May 13th and 14th,2005.pp.42-45.
6. “Process plan optimization using Petri Nets and heuristic search algorithm”, APIEMS, international conference, Taiwan University, Taiwan, December 18th and 20th, 2002.
7. “Optimization of costs in manufacturing process planning through Petri Nets”, NCCIDM, Amrita Institute of Tech and Science, Coimbatore, may 14th and 15th, 2001.
8. “Petri Net models for process planning and sequence optimization”, 19th AIMTDR Conference-2000, IIT Madras, December, 2000. PP 607-614.

RECENT LIST OF PUBLICATIONS

List of papers presented in national International conferences

1. **A.Sreenivasulu Reddy**, K.Sreenath, M.Abdul Shafi, “Generation of Alternative Process Plants Using TLBO Algorithm”, International Journal of Engineering Research and General Science, ISSN: 2091-2730, Vol 2, Issue 3, April- May 2014.
2. S. Sri Krishna, **A.Sreenivasulu Reddy**, S.Vani, ”A New Car Selection In The Market Using TOPSIS Technique”, International Journal of Engineering Research and General Science, ISSN: 2091-2730, Vol 2, Issue 4, June-July 2014.
3. P.Muni Babu, B.V.Himasekhar Sai, **A.Sreenivasulu Reddy**, ”Optimization of Make-Span and Total Tardiness for Flow Shop Scheduling Using Genetic Algorithm”, International Journal of Engineering Research and General Science, ISSN: 2091-2730, Vol 3, Issue 3, May-June 2015.
4. **A.Sreenivasulu Reddy**, P.Venkataramaiah, K.Ram Madhav, ”Selection of Suitable Area for Automobile Manufacturing Hub in Andhra Pradesh State”, International Journal of Engineering Research and General Science, ISSN: 2091-2730, Vol 3, Issue 3, may-June 2015.
5. **A.Sreenivasulu Reddy**, N.L.Poornachandra Sekhar, P.Hitheshwar Naik, “Design Features Recognition Using Image Processing Techniques”, International Journal of Technology Enhancements and Emerging Engineering Research, ISSN: 2347-4289, Vol 3, Issue 7, May-June 2015.
6. N. Hari Prasad, G.Rajyalakshmi, **A.Sreenivasulu Reddy**, “A Typical Manufacturing Plant Layout Design Using CRAFT Algorithm”, 12th Global Congress On Manufacturing And Management, GCMM 2014.

RECENT CONFERENCES/WORKSHOPS ATTENDED

1. **A.Sreenivasulu Reddy**, participated in Two-week Faculty Development Program (FDP) ”Foundation Skills in Information Technology (FSIT)”, organised by the Sri Venkateswara University College of Engineering, Tirupati, under TEQIP-II during 20-30, January 2014.
2. **A.Sreenivasulu Reddy**, participated in Two-Week ISTE Workshop on Environment Studies under the National Mission on Education through ICT (MHRD, Govt. of India), Conducted by IIT Bombay, 2nd -12th June 2015.
3. **A.Sreenivasulu Reddy**, Presented the Research paper entitled “Development of Feature Extraction and Recognition System for Computer Aided Process Planning at NFME 2K14, a National Conference on New Frontiers in Mechanical Engineering on 18th -19th July 2014.
4. **A.Sreenivasulu Reddy**, Presented the Research paper entitled “ Integration of Process Planning and Scheduling Activities of Job Shop Production Using TLBO Algorithm at NFME 2K14, a National Conference on New Frontiers in Mechanical Engineering on 18th -19th July 2014.
5. **A.Sreenivasulu Reddy**, Participated and presented a Paper Title ”Design and Development of Feature Extraction and Recognition Information system for Computer Aided Process Planning

Systems, under oral presentation category in the 5th International & 26th All India Manufacturing Technology, Design and Research Conference AILTDR 2014 held at IIT Guwahati, Assam, India.

6. **A.Sreenivasulu Reddy** , attended and participated in short-term course on “Advanced Machining and Finishing Processes” Organized by centre for Education Technology and conducted by Department of Mechanical Engineering, IIT Guwahati, during 15-16 December, 2014.

Research Areas:

1. Computer Aided Design and Manufacturing.
2. Modern Welding Process.
3. Metal Cutting and Machining Tools.
4. Computer Aided Process Planning.
5. Scheduling.
6. Optimization Techniques and Operation Research.
7. Modeling and Analysis.
8. Plant Layout and Design.
9. Features Extraction and Reorganization.
10. Artificial Intelligence Techniques.
11. Robotics and Automation.
12. Web Integrated Manufacturing.