

## BIO-DATA



1. Name : Dr. SREERAMULU DOWLURU
2. Address with E-mail and Mobile Nos. : [dowlurusreeram@gmail.com](mailto:dowlurusreeram@gmail.com)  
9490457054
- Official Address : Professor,  
Department of Mechanical Engineering,  
Aditya Institute of Technology & Management,  
Tekkali, Andhra Pradesh, 532201
- Permanent Address : Telaga Street, Veeragattam (Vill/post/Mdl),  
Srikakulam (Dist), A.P. 532460
3. Nationality : Indian
4. Religion : Hindu
5. Date of Birth : 05-Apr-1979
6. Educational Qualification :  
(from UG onwards)

S. No.	Qualification	University/Institute	Specialization	Department	Other remarks
1	B.E	SRKR Engg College, Andhra University, Bhimavaram	Mechanical	Mechanical	
2	M.Tech	National Institute of Technology, Warangal	CIM	Mechanical	
3	PhD (Full-Time)	National Institute of Technology, Warangal	CAD/CAM	Mechanical	

7. Details of Doctoral Thesis :  
 Area of Thesis work : CAD/CAM  
 Title of Thesis : Shop-Floor Programming System for Integration of  
 CAD and CAM using STEP data Exchange Standard  
 Supervisor : Prof. C.S.P.Rao, NIT – Warangal  
 Year of Completion work : 2009  
 Year of award of Ph.D : 2010

8. Professional Experience :

S. No.	Institute / Organization	Position held	Date of joining	Duration	Regular/ Adhoc/ Ratified
1	AITAM, Tekkali	Professor	01-02-2013	Feb'13 - till date	Regular
2	CUTM, Parlakhemundi	Professor & Head	07-05-2012	May'12 – Feb'13	Regular
3	GIET, Gunupur	Assoc. Professor	05-01-2009	Jan'09 – May'12	Regular
4	NIT., Warangal	Research Asst.	30-01-2006	Jan'06 – Jan'09	Regular
5	KITS., Warangal	Lecturer	15-06-2005	Jun'05 – Jan'06	Regular
6	TPIST, Bobbili	Asst. Prof.	01-06-2001	Jun'01 – Jul'03	Regular

9. Research Experience :

(A) Ph.D scholars guided :

S.No.	Name of the Research Scholar	Title of the Thesis	Year of Award of Ph.D	University /Institute who has awarded the degree	Supervisor / Co-Supervisor
1	D Mohana Krishnudu	Development, synthesis and characterization of calcium carbonate filled coir-luffa cylindrica fiber reinforced epoxy composites	2021 (Submitted)	JNTU, Kakinada	Dr. D Sreeramulu

(B) Ph.D scholars presently working :

S.No.	Name of the Research Scholar	Area of the work	Year of Registration	Registered University /Institute	Supervisor/ Co-Supervisor
1	P Suman	Materials	2016-17	Centurian Univ	Dr. D Sreeramulu / Dr. P Srinivasa Rao

(C) Number of Publications :

S. No	Status of Journal	During Ph.D programme	After Ph.D programme
1	International Journals	4	30
2	National Journals	None	None
3	International Conferences	8	22
4	National Conferences	6	10

(D) List of Publications :

#### International Journals

S.No	Authors	Title of the Research paper	Name of the Journal	Volume No.	Issue No.	Page Nos.	Year of Publication	Impact Factor
1.	D.Sreeramulu & C.S.P.Rao	Recognition of Machining Features and Optimum Process Plan Generation using Genetic Algorithms	Journal of Manufacturing Science and Production	9	3-4	145-159	2008	
2.	D.Sreeramulu & C.S.P.Rao	Machining Feature Recognition and Process Plan Generation for Prismatic Parts	International Journal of Scientific Computing	2	2	129-143	2008	
3.	D.Sreeramulu & C.S.P.Rao	A New Methodology for Recognition of Milling features from STEP File	International Journal of Applied Management and Technology	6	4	172-190.	Nov. 2008	
4.	D.Sreeramulu & C.S.P.Rao	Integration of Feature Recognition and Process Planning Using VRML and Petri Nets	Journal of Manufacturing Science and Production	10	2	75-90.	2009	
5.	D.Sreeramulu & C.S.P.Rao	A New Methodology for Recognizing Features in Rotational Parts Using STEP Data Exchange Standard	International Journal of Engineering, Science and Technology	3	6	102-115	2011	

6.	D.Sreeramulu & C.S.P.Rao	Identification of Patterns in Genetic Algorithm Based Solutions for Optimization of Process Planning Problems Using a Data Mining Tool	International Journal of Applied Management and Technology	10	1	16-33	2012	
7.	D.Sreeramulu, Sudeep Kumar Singh and C.S.P.Rao	Generation of optimum sequence of operations using ant colony algorithm	International Journal of Advanced Operations Management	4	4		2012	
8.	P. Govinda Rao, Dr. C L V R S V Prasad, Dr.D.Sreeramulu,	Determination of residual stresses of welded joints prepared under the influence of mechanical vibrations by hole drilling method and compared by finite element analysis	International Journal of Mechanical Engineering and Technology	4	2	542-553	2013	
9.	P.Govinda Rao, D.Sreeramulu	Development of GRNN based tool for hardness measurement of homogeneous welded joint under vibratory weld condition	International Journal of Advanced Research in Engineering and Technology	4	4	50-59	2013	
10.	M.Venkatesh, D.Sreeramulu and A.Satish Kumar	Automatic Tool Path Generation for Freeform Surfaces using B-Spline Technique	Journal of Mechatronics and Intelligent Manufacturing	2	3/4	143 - 160	2013	
11.	P.Srihari, D.Azad and D.Sreeramulu	Optimization of Rail Insert Using Finite Element Analysis	International Journal of Engineering, Science and Technology	6	2	65-75	2014	
12.	D. Sreeramulu, D.Raghuveer, P.Suman, A.satish kumar	Development of a Computer Aided Process Planning System by Product Modeling using ST-Developer	International Journal of Conceptions on Mechanical and Civil Engineering	1	1	1-5	2014	
13.	V.Krishna Kanth, D.Sreeramulu, P.Suman	Optimization of Process Planning System for Prismatic Parts using ACO	Journal of Material Science and Mechanical Engineering	2	5	398-403	2015	
14.	Gayatri & D.Sreeramulu,	Performance of water and diluted ethylene glycol as coolants for electronic cooling	Int. Journal of Engineering Research and Applications & IJERA	5	5	Part -5	May 2015.	
15.	SkMadhavi, D.Sreeramulu, M.Venkatesh	Optimization of Turning Process Parameters by using Grey-Taguchi	International Journal of Engineering, Science and Technology	7	4	1-8,	Sep,2015	
16.	S.Sowjanya, D.Sreeramulu & C.J.Rao	Experimental Analysis of Cutting Forces, Tool Life and Surface Roughness of Single Point Cutting	International Journal of Engineering, Science	4	12	373-376	Dec, 2015	

		Tool During Turning Process	Research and Technology					
17.	S.Sowjanya, D.Sreeramulu & C.J.Rao	Experimental and Numerical Investigation of Tool Life of Single Point Cutting Tool During Turning Process	Indian journal of science and technology	8	28	Pp.1-8,	Oct, 2015	
18.	Rama Rao, C.J.Rao & D.Sreeramulu	The Experimental Investigation on Performance and Emission Characteristic of A Single Cylinder Diesel Engine Using Nano Additives in Diesel and Biodiesel	Indian journal of science and technology	8	29	1-9,	Nov, 2015	
19.	YogithaSeerapu, M.V.Ramana, D.Sreeramulu, C.J.Rao & K.Mohan Laxmi	Performance and Thermal Analysis of One Shell Two Tube Pass Heat Exchanger with Ethylene Glycol and SiC Nano Fluid	International Journal of Applied Engineering Research	11	4	2587-2594	2016	
20.	D. Sreeramulu, Y.Sagar, P.Suman & A.Satish Kumar	Integration of Process Planning and Scheduling of a Manufacturing Systems using Petri nets and Genetic Algorithm	Indian journal of science and technology	.9	41	1-8,	Nov, 2016	
21.	G. Sireesh Kumar, Dr. C.J. Rao, Dr. D. Sreeramulu and S.K. Madhavi	Evaluation of boiler efficiency of bio briquettes by indirect method	International Journal of Mechanical Engineering and Technology	7	6	624-633	Nov 2016	
22.	Bade Yellaji, D. Sreeramulu and S.K. Madhavi	Thermal Analysis on Heat Distribution in Fins of Compressor Cylinder by Varying Profile Using Fem	International Journal and Magazine of Engineering, Technology, management and Research	4	9	130-140	Sep 2017	
23.	D. Mohana Krishnu D. Sreeramulu	Effect of Alkali Treatment on Mechanical Properties of Prosopis Juliflora Hybrid Composites	International Journal of Applied Engineering Research	2	5	2933-2935	2018	
24.	D. Mohana Krishnu D. Sreeramulu	Optimizing the Mechanical Properties of Calcium Carbonates Filled CoirSilk Squash Hybrid Composites Using RSM and Simulated Annealing	Journal of Engineering Technology	6	2	577-588	July 2018	
25.	Ponnana Hareesh, Dowluru Sreeramulu, Nadupuru Ramesh	Experimental Study On Temperature Distribution, Heat Generation And Bonding Strength Of Ultrasonic Welding On Abs & Hdpe Materials	IJTRE	6	2	4801-4807	Oct 2018	
26.	D. Mohana Krishnu, D.	Synthesis and Characterization of Coir	INTERNATIONAL JOURNAL	11	1	290-298	Apr-19	

	Sreeramulu, P. Venkateshwar Reddy	and Luffa Cylindrica filled with CaCO <sub>3</sub> hybrid composites	OF INTEGRATED ENGINEERING					
27.	D. Mohana Krishnu, D. Sreeramulu & P. Venkateshwar Reddy	Alkali Treatment Effect: Mechanical, Thermal, Morphological, and Spectroscopy Studies on Abutilon Indicum Fiber-Reinforced Composites	Journal of Natural Fibers	DOI: 10.1080/15440478.2019.1598917		1-11	Apr-19	
28.	D. Mohana Krishnu, D. Sreeramulu & P. Venkateshwar Reddy	Influence of Filler on Mechanical and Dielectric Properties of Coir and Luffa Cylindrica Fiber Reinforced Epoxy Hybrid Composites	Journal of Natural Fibers	DOI: 10.1080/15440478.2020.1745115		1-11	01 Apr 2020.	
29.	D. Mohana Krishnu, D. Sreeramulu & P. Venkateshwar Reddy	A study of filler content influence on dynamic mechanical and thermal characteristics of coir and luffa cylindrica reinforced hybrid composites	Construction and Building Materials (SCI)	251		1-6	2020	
30.	D. Mohana Krishnu, D. Sreeramulu & P. Venkateshwar Reddy	Synthesis and Characterization of PLA/Luffa Cylindrica Composite Films	International journal of integrated engineering (ESCI)	12	8	1-7	2020	
31.	P.Suman, P.Vyunkunta Rao and Dowluru Sreeramulu	microstructural and strength comparison of friction stir welding aluminium alloys	International Journal of Modern Manufacturing Technologies (Scopus)	12	2	116-121	2020	
32.	Sivasankara Raju, R., Rao, C.J., Sreeramulu, D., Prasad, K.,	Evaluation of Optimization Parametric Condition During Machining for Al-CSA Composite Using Response Surface Methodology	Lecture Notes in Mechanical Engineering,			469-476	2020	
33.	Sathish Adap, Dowluru Sreeramulu, Dr. Jagadish	Classification and automatic feature based extraction approach for cylindrical and milling parts	IJMMME (ESCI)			Accepted and to be published	2021	
34	D. Mohana Krishnu, D. Sreeramulu & P. Venkateshwar Reddy	Mathematical Modelling for Prediction of Mechanical properties of Abutilon Indicum fibre reinforced composite using RSM and ANN	IJESMS (Inderscience-ESCI)			Accepted and to be published	2021	

National Journals: None

## International Conferences

S. No.	Authors	Title of the Research paper	Name of Proceedings	Page Nos.	Dates of the conference	Organized By
1.	D.Sreeramulu & C.S.P.Rao	Shop-Floor Programming System for Integration of CAD, CAM and CNC		771-776	Aug - 2007	ICADM-2008 SIT, Madhurai
2.	D.Sreeramulu & C.S.P.Rao	Modeling of 3d prismatic part using STEP standard		Paper No.60	Oct - 2007	Team Tech,2008 IISC Bangalore
3.	D.Sreeramulu & C.S.P.Rao, P.Sateesh Kumar	Design and manufacturing of cams on interoperable CNC		Paper No.88	Oct - 2007	Team Tech,2008 IISC Bangalore
4.	D.Sreeramulu & C.S.P.Rao	A Novel Approach For Recognizing Radial And Axial Holes On Rotational		PP.68-74	June- 2008	IS MSMS AU, Visakhapatnam
5.	D.Sreeramulu, C.S.P.Rao & P.Srihari	A Novel Approach For Recognizing The Milling Features Using STEP File		pp.13-22	June 30 <sup>th</sup> to July 1 <sup>st</sup> , 2008	FAIM skövde, Sweden
6.	D.Sreeramulu & C.S.P.Rao	A Novel Approach For Identifying Turning Features From STEP File		pp.104-108	December- 2008	23 <sup>rd</sup> AIMTDR IIT, Chennai.
7.	D.Sreeramulu, Sudeep Kumar Singh & C.S.P.Rao	STEP based representation of features to generate process plan		pp.188-193	Dec 17-19, 2009	COSMA-2009 NIT Calicut,
8.	D.Sreeramulu, Sudeep Kumar Singh & C.S.P.Rao	Generation of optimum sequence of operations using ant colony algorithm		pp.367-372	Dec 17-19, 2009	COSMA-2009 NIT Calicut,
9.	M.Venkatesh, D.Sreeramulu, & A.Satish Kumar	Automatic tool path generation and tolerance analysis for freeform surfaces in terms of b-spline technique		pp 80-85.	March 29-31, 2013	INCAMA-2013 Kalasalingam University, Tamilnadu
10.	A.Satish Kumar, D.Sreeramulu, & M.Venkatesh	A New methodology for Identifying Holes from STEP File		pp 66-69.	March 29-31, 2013	INCAMA-2013 Kalasalingam University, Tamilnadu
11.	D.Sreeramulu, D.Lokanadham & C.S.P.Rao	Development of Computer Aided Process Planning System for Rotational Components Having Form Features	Advances in Intelligent Systems and Computing (Scopus)	63-74	Dec 26-28, 2013	IIT – Roorkee
12.	D. Sreeramulu, P.Suman & A.Satish Kumar	A New Methodology to Extract Machining Features From Prismatic Parts		447-452	March 29-30, 2014	ICAET'2014 IIE, Singapore
13.	D. Sreeramulu, A.Satish Kumar & C.S.P.Rao	Automatic Identification of Cylindrical/Tapered Features from Prismatic components		Vol1.66-69	&December12-14	AIMTDR2014 IIT Guwahati
14.	C.J.Raoa D.Sreeramulu Arun Tom Mathewb	Analysis of Tool Life during Turning Operation by Determining Optimal Process Parameters	Procedia Engineering (Scopus)	97 (241-250)	2014	VIT Vellore
15.	Dr.D.Sreeramulu, P.Suman & C.S.P.Rao	A New Methodology to Develop Computer Aided Process Planning System for Prismatic Parts using machining features		12-18	27th - 30th Nov, 2014,	ICMPE MANIT-Bhopal

16.	V.Krishna Kanth, D.Sreeramulu, P.Suman	Optimization of Process Planning for Prismatic Parts using ACO		45-50	2nd August 2015	11th IRF International Conference. Goa, India
17.	D. Sreeramulu, D.Raghuveer, M.Vijay, A.satish kumar	Production of Biodiesel from Renewable Biological Sources		23-28	April 22-23, 2015,	<b>ICBNE'15 Bangkok</b>
18.	D. Sreeramulu, D.Raghuveer, P.Suman, A.satish kumar	Development of a Computer Aided Process Planning System by Product Modeling using ST-Developer		Vol.3 1-5	April 20-21, 2015,	<b>ICMPE 2015 Malaysia</b>
19.	D. Sreeramulu, N.Ramesh &C.J.Rao	Integration of Computer Aided Design and Computer Aided Manufacturing Using STEP data Exchange Standard	IEEE, ( <b>Scopus</b> )	Vol.2 215-220	07 & 08 Jan, 2016	ICISC, ISCO-16 Karpagam College of Engineering, Coimbatore
20.	S.K Madhavi, D.Sreeramulu, M.Venkatesh	Evaluation of Optimum Turning Process Parameters Using DOE and PCA Taguchi Method	Materials Today: Proceedings ( <b>Scopus</b> )		12-13th March 2016	ICMPC -16 Hyderabad
21.	D. Sreeramulu, Y.Sagar, P.Suman & A.Satish Kumar	Integration of Process Planning and Scheduling of a Manufacturing Systems using Petrinets and Genetic Algorithm	-	441-447	07-08th April 2016	IICDAMS-16 Saveetha Saveetha University, Chennai
22.	Malla Surya Teja , M V Ramana , D Sriramulu and C J Rao	Experimental investigation of mechanical and thermal properties of sisal fiber reinforced composite and effect of SiC filler material	IOP Conf. Series: Materials Science and Engineering ( <b>Scopus</b> )	149	2016	Amritha university, Bangalore
23.	M Siva Eswara Rao , Dowluru Sreeramulu and D Asiri Naidu	Experimental investigation of nano fluids using shell and tube heat exchanger	IOP Conf. Series: Materials Science and Engineering ( <b>Scopus</b> )	149	2016	Amritha university, Bangalore
24.	M Siva Eswara Rao and Dowluru Sreeramulu	Experimental Investigation of Heat transfer rate of Nano fluids using a Shell and Tube Heat exchanger	Materials Today: Proceedings ( <b>Scopus</b> )		2017	ICAAMM-2016 Hyderabad
25.	M.Venkatesh, Dowluru Sreeramulu, Y.Sagar and A.satish Kumar	Utilisation of blending karanja oil with methanol in a diesel engine	-		25th -27th Oct 2016	ICRTEST – 2016 Hyderabad
26.	D.Sreeramulu, Y.Sagar, C.J.Rao and M.Venkatesh	Finite Element Modeling and Machining of Al 7075 Using Coated Cutting Tools	Materials Today: Proceedings ( <b>Scopus</b> )		10-12th March 2017	ICETMME-2017 NIT Trichy
27.	P.Mohana Krishnu, D.Sreeramulu and N.Ramesh	Synthesis, Characterization, and Properties of Epoxy Filled Luffa cylindrica reinforced composites	Materials Today: Proceedings ( <b>Scopus</b> )		2017	ICMPC 2017 GRIET, Hyderabad
28.	Krishnu, D.Sreeramulu, D., Reddy, P.V.	Optimization the mechanical properties of coir-luffa cylindrica filled	AIP Conference Proceedings ( <b>Scopus</b> )		22 <sup>nd</sup> - 23 <sup>rd</sup> Dec 2017	ICEEMAS-2017,



		hybrid composites by using Taguchi method				
29.	Ponnana Hareesh and Dowluru Sreeramulu,	Experimental and Analytical Thermal Analysis on Ultrasonic Welding on Non-Metallic Material Using MATLAB			15 <sup>th</sup> and 16 <sup>th</sup> June 2018	ICLIEMET at LIET, Vizianagram
30.	Dowluru Sreeramulu, Muddada Venkates and Y Sagar	Generation of Optimal sequence of Operations from Machining Features to Develop Computer Aided Process Planning System for Prismatic Parts			15 <sup>th</sup> -17 <sup>th</sup> Dec 2018	AIMTDR 2018 Anna University, Chennai

### National Conferences

S. No.	Authors	Title of the Research paper	Name of the Conference	Page Nos.	Dates of the conference	Organized by
1.	K.Ch. Sekhar, D.Sreeramulu & C.S.P.Rao	STEP-Compliant CNC machines system-An approach for collaborative manufacturing	National Conference on Advances in CAD/CAM	pp.193-197	27 <sup>th</sup> - 28 <sup>th</sup> February 2006	JNTU, Kakinada
2.	D.Sreeramulu, J.R. Rao & C.S.P.Rao	A framework and Database for interfacing CNC with STEP-NC	NCFARSC	pp.143-148	18 <sup>th</sup> - 19 <sup>th</sup> January 2007	NIT, Warangal
3.	D.Sreeramulu & C.S.P.Rao,	Frame Work for Seamless Integration of CAD and CAM Using STEP Data Exchange Standard	National Convention of Mechanical Engineers	pp.2.47-2.52	September 2007	The Institution of Engineers (India), AP State Center, Hyderabad
4.	D.Sreeramulu & C.S.P.Rao	AFM based Micro/Nano CNC Machining System	National Symposium on MEMS, NEMS and Nano Engineering		9 <sup>th</sup> -10 <sup>th</sup> August 2008.	GMR Institute of Technology, Rajam
5.	D.Sreeramulu, C.S.P.Rao &	Optimum Process Plan Generation for Prismatic Parts Using Genetic Algorithms	of National Conference on Computer Aided Mechanical Engineering Design	pp.101-108	8 <sup>th</sup> -9 <sup>th</sup> November 2008	GIET, Gunpur, Orissa
6.	Sudeep Kumar, D.Sreeramulu & C.S.P.Rao	A STEP based Feature Recognition System for Turned Components	RIMP-2009		05-06 January 2009	BHEL Corporate R&D, Hyderabad
7.	D.Sreeramulu, Sudeep Kumar Singh & C.S.P.Rao	A data model for new methodology of manufacturing using STEP-NC	RAMT-2010	pp.166-173	09-10 January-2010	GIET, Gunpur
8.	D.Sreeramulu, Sudeep Kumar Singh & C.S.P.Rao	An approach for automatic selection of machines and tools for CAPP	RAMT-2010	pp.264-269	09-10 January-2010	GIET, Gunpur
9.	Venkata Siva Subbarao,	Preparation and characterization of	National Conference on	pp.19-29.	30 <sup>th</sup> December	KITS, Warangal

	D.Sreeramulu, Sudeep Kumar Singh	Aluminum metal matrix composite using silicon carbide-Alumina particulates	Trends in Mechanical Engineering,		2010	
10.	D.Sreeramulu, Sudeep Kumar Singh & CSP Rao	Automatic selection of operations, tools and Machines for prismatic parts using feature recognition	National Conference on Trends in Mechanical Engineering,	pp.85- 90.	30 <sup>th</sup> December 2010	KITS, Warangal
11.	D.Sreeramulu, Sudeep Kumar Singh &	A Novel Approach for Recognizing the Milling Features using IGES File in prismatic parts	National Conference on Modern Trends in Mechanical Engineering	pp.130- 135	18 <sup>th</sup> -19 <sup>th</sup> February 2012	GIET- Gunupur
12.	D.Sreeramulu, Sudeep Kumar Singh &	Vibration Suppression of Thin Walled Composite Structures using Embedded Viscoelastic Polymers	National Conference on Modern Trends in Mechanical Engineering	pp.144- 148	18 <sup>th</sup> -19 <sup>th</sup> February 2012	GIET- Gunupur
13.	D.Sreeramulu, Sudeep Kumar Singh &	A New Methodology for Integrated Process Planning System	National Conference on Modern Trends in Mechanical Engineering	pp.284- 288	18 <sup>th</sup> -19 <sup>th</sup> February 2012	GIET- Gunupur
14.	D.Sreeramulu, Sudeep Kumar Singh &	Design Analysis of Centrifugal Pump	National Conference on Modern Trends in Mechanical Engineering	pp.303- 306	18 <sup>th</sup> -19 <sup>th</sup> February 2012	GIET- Gunupur
15.	P.Siva D.Sreeramulu,	Design and Manufacturing of the Femoral Component of Knee Prosthesis by CAD/CAM and Rapid Prototyping	National Conference on Modern Trends in Mechanical Engineering	pp.327- 330	18 <sup>th</sup> -19 <sup>th</sup> February 2012	GIET- Gunupur
16.	P.Siva D.Sreeramulu,	contact analysis of spur gear by using finite element method"	National Conference on Modern Trends in Mechanical Engineering	pp.276- 283	18 <sup>th</sup> -19 <sup>th</sup> February 2012	GIET- Gunupur

(E) Patents Received

:

S. No.	Title of the Patent	Agency which has awarded the patent	Year of application
1	Portable Paste Making Machine for Herbal Ingredients	Novel patent services/ India	11/12/2020

10. Areas of research interests

: CAD /CAM, CAE, Process Planning,  
Composite Materials, CIM

11. Awards :

S.No	Name of Award	Awarding Agency	Year
1	Best Paper award for Integration of Process Planning and Scheduling of a Manufacturing Systems using Petrinets and Genetic Algorithm	Convener, IICDAMS-16 Saveetha University, Chennai	2016

12. Text Books authored :

S.N	Title of the Chapter	Title of the Book	Authors Name	Publisher	Year of publication
1	A New Methodology to Develop Computer Aided Process Planning System for Prismatic Parts using machining features Pg12-18	Advancements and Current trends Industrial, Mechanical and Production Engineering	D.Sreeramulu and P.Suman	Excellent publishing house	2014

13. Membership in Professional organizations :
- 1) Life member of **ISTE** chapter from 2009 (M.No. LM 66868)
  - 2) Life member of MIE India

14. Conference and FDPs organized:

- Coordinator for a two days Faculty Development Program on “Optimization and Simulation Modeling” during 22nd -23rd July 2011 at GIET – Gunupur.
- Co-coordinator for a six days work shop on “Automobile Engineering” during 18th -23rd October 2011 at GIET – Gunupur.
- Convener for a National Conference on “Modern Trends in Mechanical Engineering-2012” (MTiME-2012) during 18th -19th February 2012 at GIET – Gunupur.
- Organized a Seminar on AutoCAD and Pro\_E for B.Tech students at GIET – Gunupur
- Convener for a National Conference on “Green Engineering and Technologies – 2013” during 16th – 17th March 2013 at CUTM, Parlakhemundi.
- Convener for FDP on “Mechanical and Tribological behaviour of advanced nano composites-2018 during 17th to 18th august 2018 at AITAM Tekkali.
- Convener for online FDP on “Advanced manufacturing in Digital Era” during 01-05th June 2020 at AITAM Tekkali.

15. Conference/FDPS attended:

**International Level (Foreign Countries)**

1. Applied Robot Control Activity as part of establishing the “**Indo – European Skilling Centers for Mechatronics and Industrial Robotics**” during 09<sup>th</sup> to 19<sup>th</sup> December – 2018. Aachen, **Germany**.
2. Two days International Conference on **Mechanical and Production Engineering**, April 20-21, 2015, **Malaysia**
3. Two days International Conference on **Biotechnology, Nanotechnology and Environmental Engineering** (ICBNE’150, April 22-23, 2015, **Bangkok**
4. Two days International Conference on **Mechanical and Production Engineering**, April 20-21, 2015, **Malaysia**

5. Two days International Conference on ***Biotechnology, Nanotechnology and Environmental Engineering*** (ICBNE'150, April 22-23, 2015, **Bangkok**  
**National Level (With in INDIA)**
6. AICTE QIP One week short term course on "***Recent Advances in Machining Process***" at Veer Surendra Sai University of Technology, **Burla, odisha during 7<sup>th</sup> May to 12<sup>th</sup> May 2018.**
7. One week FDP on ***Advances in Manufacturing of Composites*** 2017, 27th Dec to 2<sup>nd</sup> December at **Sasi Institute of Technology and Engineering, Tadepalligudem, W.G. Dist**
8. International Conference on Electrical, Electronics, Materials and Applied sciences (ICEEMAS-2017) during 22<sup>nd</sup> and 23<sup>rd</sup> December 2017 at Swami Vivenkanda Institute of Technology and Management, secundrabad.
9. International Conference on ***emerging trends in materials and manufacturing engineering*** 10-12th March 2017, **NIT Trichy.**
10. one week FDP on ***Manufacturing of advanced materials*** 2017, 26th May to 31st May at **VNIT Nagpur**
11. one week work shop on "***3D Printing & Additive Manufacturing***", June 20-24, 2016 at **NIT Warangal**
12. CII ***Learning Mission to Bengaluru*** from 25 & 26 October 2016 at **CII, Bangalore**
13. Attended an IUCEE one day workshop on "***Outcome Based Education***", 9<sup>th</sup> March, 2015, **AITAM, Tekkali.**
14. Two days International Conference on ***Industrial, Mechanical and Production Engineering***, 27th - 30th Nov, 2014, **MANIT-Bhopal**
15. Attended an ISTE workshop on 21<sup>st</sup> century, ***the dawn of digital era: pedagogical issues of technical teachers***, 15th - 16th Nov, 2014, **AITAM, Tekkali.**
16. Two days International Conference on ***Advances in Engineering and Technology (ICAET'2014)*** March 29-30, 2014 at **Singapore.**
17. Three days International Conference on "***Soft computing for Problem solving***" 26-28th Dec 2013, **IIT-Roorkee.**
18. A two week workshop on ***Tool design and manufacturing***" 12-25<sup>th</sup> September 2013, PBR **VITS, kavali, Nellore dist.**
19. A two week work shop on "***FDP on Computer aided Process engineering & CFD***", 6th May – 18th May, 2013, **JITM, Parlakhemundi**
20. Two days FDP on "***Optimization and Simulation Modeling***" 22<sup>nd</sup> – 23<sup>rd</sup> July 2011, **GIET–Gunupur.**
21. One Day ISTE – Regional seminar on "***Innovative Approaches to Improve Technical Education in India***", 11<sup>th</sup> October, 2010 at **GIET – Gunpur.**
22. National Conference on "***Recent Advances in Manufacturing Technologies***" (RAMT-2010), 09-10 January-2010 at **GIET, Gunpur.**
23. STTP on "***Automation and Robotics***" 6<sup>th</sup> July 2009 to 18<sup>th</sup> July 2009, **NIT, Warangal**
24. National work shop on "***Advances in manufacturing***" 14<sup>th</sup> August 2009, **NIT, Warangal**
25. MHRD sponsored STTP on "***Digital Factory***" 25<sup>th</sup> August 2008 – 6<sup>th</sup> September 2008 at **NIT, Warangal**
26. MHRD sponsored STTP on "***Modeling and Simulation of Engineering Systems***" 7<sup>th</sup> – 19<sup>th</sup> July 2008 at **NIT, Warangal**
27. International Seminar on "***Modeling, Simulation and Manufacturing Systems***", June - 08, **AU, Visakhapatnam.**

28. A one day workshop on “**Rapid Prototyping Technology for Medical Implants Using CT scan and MIMICS**”, 10<sup>th</sup> December 2007 at NIT, Warangal
29. International Conference on **TEAM TECH 2007** AT IISC Bangalore, September 2007
30. 23<sup>RD</sup> National Convention of **Mechanical Engineers** at the Institution of Engineers (India), AP State Center, Hyderabad, August 2007.
31. International Conference on **Advanced Design and Manufacturing-2007** at SIT, Madurai, August 2007.
32. ISTE–STTP on “**Mechatronics and MEMS**”, 12<sup>th</sup> March 2007 to 17<sup>th</sup> March 2007.
33. National Conference on “**Factory Automation, Robotics and Soft Computing**”, 18-19, January 2007.
34. A TEQIP Workshop on “**Genetic Algorithm for Mechanical Engineering Optimization Problems**”, 3<sup>rd</sup> March 2006 to 5<sup>th</sup> March 2006.
35. National Conference on “**Advances in CAD/CAM**” held on 27<sup>th</sup> & 28<sup>th</sup> February 2006 at JNTU, Kakinada.
36. ISTE–STTP on “**Responsive Manufacturing**”, 24<sup>th</sup> Jan 2005 to 5<sup>th</sup> Feb 2005.
37. National Workshop on “**Simulation of Manufacturing Systems**”, Oct. 2004
38. National **Renewable energy convention**. Energy security of india-role of renewables, 27-29<sup>th</sup> December 2001, NIT, Warangal

#### Declaration

I hereby declare that the information furnished is true to the best of my knowledge and belief.



**Signature**

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Date : 21/05/2021

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