Name: Dr. Sivasankara Raju R

Employee ID: A5MEC00T57

PAN Card No: AUGPR0586A

PF No: 100287490311 (UAN)

Designation: Associate Professor

Department: Mechanical Engineering

Date of Birth: 05-07-1985

Father Name: Sri Brahma Raju Rallabandi

Mother Name: Smt. Lakshmi Rallabandi (Late)

SC	ST	BC- A/B/C/D/E	OC

Reservation Category if Any **BC-D**
Address: D.No:1-49, Beside Grama Panchayithi office, Gandi Gunta, Krishna-521165.

Mobile Number: 8093469774

Email id: sivaraju80@gmail.com

Date of Joining in the Institution: 03-12-2018

Academic Excellence:

QUALIFICATION	BOARD / UNIVERSITY	DIVISION	YEAR
Ph. D (Mech. Eng.)	Acharya Nagarjuna University		2019
M. Tech., (CAD/CAM)	Acharya Nagarjuna University	Distinction	2011
B.E. (Mech. Eng.)	JNTU Hyderabad	First Class	2007

Total Years of Experience (Teaching/Industry): 11 Years

Period		Organization/Institution	Designation
July 2019	Till date	AITAM, Tekkali	Associate Professor
Dec 2018	July 2019	AITAM, Tekkali	Assistant Professor
Oct 2011	Nov 2018	GIET, Gunupur, Odisha	Assistant Professor
Nov-10	Oct-11	Universal College of Engineering & Technology, Dokiparru	Lecturer
April-2008	Aug-2009	Megha engineering &Infra structures LTD	Site Engineer
April -2007	March 2008	Sree Vertex Enterprisers, Kakinada	Trainee Engineer

MEMBERSHIP WITH PROFESSIONAL BODIES

1. Professional Affiliations: life member of IEI-AM1584726.
2. IAENG membership number is 190143.
3. Indian Society For Technical Education (ISTE) Life member
4. Institute for Engineering Research and Publication (IFERP): 17268510, PMIN75083196
5. Institute for Engineering Research and Publication (IFERP): PMIN75083196
6. International Society for Research and Development (ISRD): SM3140905735

REVIEW MEMBER

Name of the Journal	Publisher	Reviewed Manuscript No.
Tribology In Industry	Serbian Tribology Society	TI-ID 920
Metals and Materials International (MAMI)	Springer	MAMI-D-20-00003
Tribology International	Elsevier	TRIBINT-D-20-00413
Tribology International	Elsevier	TRIBINT-D-20-00926
International Journal of Engineering and Technology	ESN Publishers	ESN ESNJA307
Cogent Engineering	Taylor & Frances	COGENTENG-2019-0516
Metallurgical and Materials Transactions A	Springer	E-TP-19-1090-A
Journal of Modern Chemical Science	Herald Scholarly Open Accesses, USA	HMCS-19-004
International Journal of Mechanical Engineering	InSc	InSc-2020-8351
Tribology In Industry	Serbian Tribology Society	TI-ID 522
2nd International Conference on Metal Material Processes and Manufacturing	(2nd ICMMPM2019), South Korea	ICMMPM2019-40

PROJECTS DONE DURING MY CAREER

1. **B.E PROJECT:** Failure reorganization and Improve thermal Efficiency of Hot tube boiler

2. **M.Tech PROJECTS**

(i) Mini Project: Design and Analysis of Snap Fit Joint using Finite Element Analysis

(ii) Main Project: Application of FEM in the Analysis of Centrifugal Blower Assembly

3. **PhD WORK:** Fabrication, Characterization and Tribological Performance of Aluminium Coconut Shell Ash Particulate Composites

4. **MSME PROJECT Applied:**

- A project **Interlocking Plastic Bricks** has been shortlisted by Odisha state MSME committee and final presentation in progress with a grant of 4.95 Lac.
- A project **PORTABLE MECHALTI KIT** has been shortlisted by Odisha state MSME committee and final presentation in progress with a grant of 4.03 Lac.

PROJECTS GUIDED/GUIDING

1. **B.Tech Projects:** Guided – 21, Guiding - 02
2. **M.Tech PROJECTS:** Guided – 09 Guiding - 01
3. **PhD WORK:** Nil

PAPERS PUBLISHED

INTERNATIONAL JOURNALS

Sl.no	Name of Co-Authors	Title of the paper	Name of the Journal	Date of Published	Vol. no	Issue No.	Page no.	Doi	ISBN/ ISSN no.	Scopus/SCI/UGC
1.	Siva S Raju, Gunji B murali, and Prabina K Patnaik	Ranking OF Al-CSA Composite by MCDM Approach Using AHP-TOPSIS and MOORA Method	Journal of Reinforced Plastics and Composites	Jun-20	39	19-20	732, 2020	DOI: 10.1177/0731684420924833		SCI
2.	Siva Sankara Raju, C J Rao, Sreeramulu D, Prasad K	Evaluation of Optimization Parametric condition during Machining for Al-CSA composite using Response Surface Methodology	Innovative Product Design and Intelligent Manufacturing Systems: Lecture Notes in Mechanical Engineering	May - 20			469-476,	https://doi.org/10.1007/978-981-15-2696-1_46		Scopus
3.	Vikash Kumar K, Siva Sankara raju R,	Statistical Modeling and Optimization of Al-MMCs Reinforced with Coconut Shell Ash Particulates	Innovative Product Design and Intelligent Manufacturing Systems: Lecture Notes in Mechanical Engineering	May - 20			703-712	https://doi.org/10.1007/978-981-15-2696-1_67		Scopus

4.	Siva Sankara Raju R, Venkata Siva B, Srinivasa Rao G	Quantitative Analysis of Tribological Performance on Al–CSA Composite Using Orthogonal Array	Advances in Applied Mechanical Engineering (Lecture Notes in Mechanical Engineering)	Jan-20			381-389	https://doi.org/10.1007/978-981-15-1201-8	ISSN 2195-4356 ISSN 2195-4364 (electronic)	**Scopus**
5.	P.Thimothy, Siva Sankara Raju and Ch. Ratnam	Development and Accretion of Tribological Performance on AlCSA Composites using Orthogonal Array	Materials Today: Proceedings	Nov-19	18	*7*	5332 – 5339	https://doi.org/10.1016/j.matpr.2019.07.558	*2214-7853*	**Scopus**
6.	Siva Sankara Raju, K.Pawan Sai Kumar,G.Manoj Kumar,I.Kiran Kumar, Deepak Singh	SIMULATION OF ROLLING OPERATION ON AL- CSA COMPOSITES BY USING DEFORM 3D	JETIR	Apr-19	6	4	459-464		2349-5162	**UGC**
7.	Siva Sankara Raju, G.Srinivasa Rao, Chitrasen Samantra	Wear Behavioral Assessment of Al-CSAp-MMCs using Grey-fuzzy Approach	Measurment	Apr-19	140		254-268	https://doi.org/10.1016/j.measurement.2019.04.004		**SCI**
8.	Raju, Siva Sankar; Rao, G Srinivasa;	Assessment of tribological performance of Al-Coconut shell ash particulate—MMCs using grey-fuzzy approach	Journal of The Institution of Engineers (India): Series C	Feb-19	100	1	13-22	https://doi.org/10.1007/s40032-017-0388-4	2250-0545	**Scopus**
9.	RSS Raju, MK Panigrahi, RI Ganguly, GS Rao	Tribological behaviour of al-1100-coconut shell ash (CSA) composite at elevated temperature	Tribology International	Jan-19	129		55-66	https://doi.org/10.1016/j.triboint.2018.08.011		**SCI**

10.	Thimothy, P; Ratnam, Ch; Raju, Siva Sankar;	ASSESSMENT OF TRIBOLOGICAL PERFORMANCE OF AL/CSA COMPOSITE SUS ING RSM	International Journal of Mechanical Engineering and Technology (IJMET)	Dec-18	9	13	442–451	Article ID: IJMET_09_13_046	ISSN Print: 0976-6340 and ISSN Online: 0976-6359	**Scopus**
11.	Raju, Siva Sankar; Rao, G Srinivasa; Siva, B Venkata;	Experimental studies of mechanical properties and tribological behaviour of aluminium composite reinforced with coconut shell ash particulates	International Journal of Materials Engineering Innovation	Aug-18	9	2	140-157	https://doi.org/10.1504/IJMATEI.2018.093812	Print ISSN: 1757-2754 Online ISSN: 1757-2762	**Scopus**
12.	Raju, Siva Sankar; Thimothy, P; Ratnam, Ch;	Estimation of physical, mechanical and machinability properties of Al-MMCs reinforced with coconut shell ash particulates	Ceramic Sciences and Engineering	Aug-18	1	2	001-009	DOI: http://dx.doi.org/10.24294/cse.v0i0.703	ISSN: 2578-1626 (Online)	**UGC**
13.	Raju, R Siva Sankara; Panigrahi, MK; Ganguly, RI; Rao, G Srinivasa;	Optimization of tribological behaviour on Al-coconut shell ash composite at elevated temperature	IOP Conference Series: Materials Science and Engineering	Aug-18	314	1	12009		ISSN. 1757-8981	**SCI**
14.	R. Siva Sankara Raju, M. K. Panigrahi, R. I. Ganguly, G. Srinivasa Rao	Investigation of Tribological Behaviour of a Novel Hybrid Composite Prepared With Al-Coconut Shell Ash Mixed With Graphite	Metallurgical and Materials Transactions A	Jul-17	48	8	3892–3903	10.1007/s11661-017-4139-1		**SCI**
15.	Siva Sankara Raju, G.Srinivasa Rao	Assessment of Tribological performance of Coconut Shell Ash Particle Reinforced Al-Si-Fe Composites	Tribology in industry	Oct-17	39	3	364-377	: 10.24874/ti.2017.39.03.12		**Scopus**

		using Grey-Fuzzy Approach								
16.	Siva Sankara Raju , G.Srinivasa Rao	Estimation of Tribological Performance Of Al-CSA Composites Using RSM-GRG Approach	VSRD International Journal of Mechanical, Civil, Automobile and Production Engineering	Oct-17	VII	X	267-274			
17.	Siva Sankara Raju, Ajit.Ku.Senapathi, Gunji Srinivas Rao	Estimation of tribological performance of Al-MMC reinforced with a Novel In-Situ ternary mixture	Indian Journal of Science and Technology	Apr-17	10	15	001-009	10.17485/ijst/2017/v10i15/113825		**Web of Science**
18.	K.Senapathi, Siva Sankara Raju, Gunji Srinivas Rao	Tribological Performance of Al-MMC Reinforced with Treated Fly Ash Using Response Surface Methodology	Indian Journal of Science and Technology	Apr-17	10	15	001-009	10.17485/ijst/2017/v10i15/113824		**Web of Science**
19.	Siva Sankara Raju, Gunji Srinivas Rao	Assessments of Desirability Wear Behaviour on Al-Coconut Shell Ash – Metal Matrix Composite Using Grey – Fuzzy Reasoning Grade	Indian Journal of Science and Technology	Apr-17	10	15	001-011	10.17485/ijst/2017/v10i15/113826		**Web of Science**
20.	Himansu Mohanty, Subhankar Chowdhury, Bikash Kumar Rout, Suraj Kumar Panda,Swarup Sampad Biswal, Siva Sankar Raju R	Study on Mechanical and Machinability Properties of Aluminium Coconut shell ash by Taguchi Approach	International Journal of Innovative Research in Technology	Apr-17	3	11	68-74			**UGC**

21.	Trilochan Mahanta,Priyabrat Samal,Sashi bhushan Hari chandan, Manish Kumar Singh,Nalini nirodha Pradhan and Siva Sankara Raju	Study On Mechanical And Machinability Properties Of Al-Al2O3 Composites	International Journal of Innovative Research in Technology	Feb-17	3	11	112-117			**UGC**
22.	Biswajit Panda, Amit Kumar Mahato, Challarapu Varun & Siva Sankara Raju R	Wear behavior of aluminum based composite reinforced with coconut shell ash	IJIR	Mar-16	Vol - 2	issue - 5	188-192			
23.	Ankesh Kumar, Kanhaiya Kumar, Suman Saurav &Siva Sankar Raju R	Study of physical, mechanical and machinability properties of aluminium metal matrix composite reinforced with coconut shell ash particulates	IJIR	April, 2016	VOL - 2	ISSUE - 5	151-157			
24.	Sunil Kr. Rajbanshi , Raghuna Nandan kumar giri, Suraj Gurung & S.S.Raju	Mach inability study on aluminum metal matrix composite using finite element analysis	IJIR	April, 2016	Volume-2,	ISSUE - 5	1070-1074			
25.	M.M.I.Zakir Hussain, Nadi Bidyadhara, Nimish Kumar Panda, Siva Sankar Raju	Optimization of spot welding parameter to improve weld charadteristics for similar metals using taguchi approach	IJEMR	Feb-16	Vol - 6	issue - 2	233-239			
26.	Abhishek Prakash, Raj Kumar Bag, Papin Ohdar, Siva Sankar Raju	Parameteric optimization of metal inert gas welding by using taguchi approach	IJRET	Feb-16	Vol - 5,	issue - 2	176-182			**UGC**
27.	Siva Sankara Raju R, G. Srinivasa Rao, M.Muralidhar Rao	Optimization of Machinability Properties on Aluminium Metal Matrix Composite	International Journal of Conceptions on Mechani	August - 2015	3	2	17-21			

		Prepared By In-Situ Ceramic Mixture Taguchi ApproachUsing Coconut Shell Ash -	cal and Civil Engineering							
28.	Siva Sankara Raju R, Karun Kumar Y, Pragathi Kumar G	Design and Analysis of Rocket Motor Casing by Using Fem Technique "Siva Sankara Raju R in	International Journal of Engineering and Advanced Technology (IJEAT)	Feb-13	Volume-2	Issue-3	70-74			**UGC**
29.	Siva Sankara Raju R, D.Ashok, Thimothy Pandi	Determination of Stress and Deformations Analysis on LPG Steel Cylinder	International Journal of Engineering Research and Applications (IJERA)	January - February 2013	Vol. 3	Issue 1	733-737.			**UGC**
30.	Narayan Parida, Siva Sankara Raju R, K. C. Rath	Load Calculation & Selection of Bearing for Low Pressure Compressor (Lpc) For Al - 31fp Engine	International Journal of Engineering Research & Technology (IJERT)	Dec-13	Vol. 2	Issue 12	322-335.			**UGC**

INTERNATIONAL CONFERENCES

1. Sagar Yanda, Gunji Bala Murali , **Siva Sankara Raju**, Bill Jason Duckworth , Chandra Sen, Sidakdeep Singh Chadha, "Design Optimization of Universal Joints for All-Terrain Vehicles", International Conference on Design, Automation and Control 2020 (ICDAC 2020) January 6 - 8, 2020, Vellore, India.

2. **Siva Sankara Raju**, C J Rao, Sreeramulu D, Prasad K, "Evaluation of Optimization Parametric condition during Machining for Al-CSA composite using Response Surface Methodology", Innovative Product Design and Intelligent Manufacturing Systems: Select Proceedings of ICIPDIMS 2019, 17-18 May 2019, NIT Rourkela, Paper Id: 03

3. Vikash Kumar K, **Siva Sankara raju R**, "Statistical Modeling and Optimization of Al-MMCs Reinforced With Coconut Shell Ash Particulates ", Innovative Product Design and Intelligent Manufacturing Systems: Select Proceedings of ICIPDIMS 2019, 17-18 May 2019, NIT Rourkela, Paper Id: 30

4. **Siva Sankara Raju R**, Venkata Siva B, Srinivasa Rao G, "Quantitative analysis of Tribological Performance on Al-CSA Composite using Orthogonal Array", 02-04th May 2019, Applied Mechanical Engineering Research (ICAMER2019), NIT Waranga, Paper code: ICD-016.

5. P. Thimothy, **Siva Sankar Raju**, Ch. Ratnam, "Development and Accretion of Tribological Performance on Al-CSA Composites using Orthogonal Array ", International Conference on Materials Processing and Characterization, 08-09th March 2019, GRIET, Hyderabad, paper code 1446, page No:148.

6. P. Thimothy, **Siva Sankar Raju,** Ch. Ratnam, "Optimization of Tribological Behaviour on Al-CSA-MMC Using Response Surface Methodology", International Conference on Latest Innovations in Materials Engineering and Technology, 15th and 16th June 2018, Lendi Institute of engineering and technology, Vizianagaram.

7. **R Siva Sankara Raju,** M K Panigrahi, R I Ganguly, G Srinivasa Rao, "Optimization of tribological behaviour on Al- coconut shell ash composite at elevated temperature", International Conference on Advances in Metallurgy, Materials and Manufacturing March 6-8, 2017, Government College of Engineering, Salem In Association With Indian Institute Of Metals, Salem Chapter.

8. Sarath Babu, **Siva Sankar Raju R**, D,Venkateswara Rao "Noise-Reduced Rail Freight Transport due to Composite Brake Blocks-Review", on International conference of Advanced Engineering Functional Materials (ICAEFM-2017), 21– 23rd September 2017, G.I.T.A, Bhubaneswar, page no: A16.

9. **Siva Sankara Raju**, Ajit.Ku.Senapathi, Gunji Srinivas Rao, "Estimation of tribological performance of Al-MMC reinforced with a Novel In-Situ ternary mixture", international conference on recent innovation in engineering and technology (ICRIET), 5th- 6th, November 2016, GIET, Gunupur, Odisha. Page no: 19-26.
10. A.K.Senapathi, **Siva Sankara Raju**, Gunji Srinivas Rao, "Tribological Performance of Al-MMC Reinforced with Treated Fly Ash Using Response Surface Methodology", international conference on recent innovation in engineering and technology (ICRIET), 5th- 6th, November 2016, GIET, Gunupur, Odisha. Page no: 12-18.
11. **Siva Sankara Raju**, Gunji Srinivas Rao, "Assessments of Desirability Wear Behaviour on Al-Coconut Shell Ash –Metal Matrix Composite Using Grey – Fuzzy Reasoning Grade", international conference on recent innovation in engineering and technology (ICRIET), 5th- 6th, November 2016, GIET, Gunupur, Odisha. Page no: 65-73.

12. **Siva Sankara Raju R**, G. Srinivasa Rao, M.Muralidhar Rao, "Optimization of Machinability Properties on Aluminium Metal Matrix Composites Prepared By In-Situ Ceramic Mixture Using Coconut Shell Ash - Taguchi Approach", International Academic Multi Disciplinary Conference (IAMDC), 20-22, August' 2015, Colombo, Sri Lanka. Page no: 17-21.

13. **Siva Sankara Raju**, Santosh Kumar Vonna, Karun Kumar Y, "Evaluation of Plastic/Elastic Deformation for a Rectangular Plate by Using Finite Element Analysis" International conference on communication control & instrumentation (ICCCI), 25th, 26th &27th October 2013, GIET, Gunupur, Page no: 57 -63.

14. Lakshmi Srinivas, **Siva Sankara Raju,** S.Vijay, K.Srinivasa Rao, "Application of FEM in the Analysis of Centrifugal Blower Assembly- A Case Study" International Conference on Recent Innovations in Technology (ICRIT 2012), RIT, Kottayam, Kerala. January 12-14, 2012, pp164-168.

NATIONAL CONFERENCES

1. G.Srinivasa Rao, **Siva Sankar Raju R**, K. Vikash Kumar, "Parametric Optimization of Aluminum Metal Matrix Composite (AMC) with Reinforcement of Coconut Shell Ash", on National Conference on Advanced Materials, Manufacturing and Metrology (NCAMMM-2018) on 16-17 February, 2018 at CSIR – CMERI, Durgapur, page no:322-327.

2. **Siva Sankar Raju R**, G.Srinivasa Rao, "Development of a novel in-situ ceramic mixture of aluminium based metal matrix composite reinforced with coconut shell ash", on National conference on advanced engineering materials, 23-24th July 2016, G.I.E.T, Gunupur page no: TECH 25.

3. Sarath babu Devara, M.Venkateswara rao, **S.S.Raju**, *"*Noise-Reduced Rail Freight Transport due to Composite Brake Blocks-Review*",* on National conference on Advances in Composite Materials (NCACM-2015), 21-22nd Feb 2015, G.I.E.T, Gunupur page no: 9.

4. **Siva Sankara Raju**, Anupama Francy K, *"*Modeling and Analysis of Thrust& Radial Forces on Rocket Nozzle by Fem*",* Advances In Mechanical and materials Science (AMMS-2015), 28 Nov 2015, VIT, Bhimavarm, Andhra Pradesh, page no: 75-81.

5. **Siva Sankar Raju R**, G.Srinivasa Rao, "Modeling and Optimization of Al/CSAp MMC Machining Using Taguchi Approach" , on National conference on Advances in Composite Materials (NCACM-2015), 21-22nd Feb 2015, G.I.E.T, Gunupur page no: 5.

6. **Siva Sankara Raju**, Karun kumar Y, Pradeep M, "Design and Analysis Process of Diesel Engine Exhaust Value", "National conference on green engineering &technology, 16th and 17th March 2013 Centurion University, Odisha .page no.87-94.

7. Lakshmi Srinivas, **Siva Sankara Raju,** B. Iftekhar Hussain, "Reverse Engineering and Basic Process of Rapid Prototyping" National Conference on "Modern Trends in Mechanical Engineering", 18-19th Feb *2012,* G.I.E.T, Gunupur page no: 121-126.

8. **Siva Sankara Raju R**, Sree Ramulu D, "Contact Analysis of Spur Gear by Using Finite Element Method" National Conference on "Modern Trends in Mechanical Engineering", 18-19th Feb *2012,* G.I.E.T, Gunupur page no: 276-283.

9. Santosh Sai Ch, Anupama Francy K, **Siva Sankara Raju,** "Disc Brake Rotor Modeling by Using FEA" National Conference on "Modern Trends in Mechanical Engineering", 18-19th Feb *2012,* G.I.E.T, Gunupur page no: 204-208.

10. Anupama Francy K, **Siva Sankara Raju,** Venkata Siva S.B., "Design and Analysis of Multilayer High-Pressure Vessels" National Conference on "Modern Trends in Mechanical Engineering", 18-19th Feb *2012,* G.I.E.T, Gunupur page no: 263-269

BOOK SECTION

1. **R. S. S. Raju**, M. K. Panigrahi, R. I. Ganguly, G. S. Rao, "Investigation of tribological performance of hybrid aluminium metal matrix composites", 31st Indian engineering congress, theme: SMART Technologies for natural resources conservation and sustainable development, 15th-18th, December 2016, Kolkata. Page no: 241-245.

CONFERENCES/WORKSHOPS/FDPS/SEMINARS ORGANISED

1. Organized as a Coordinator for a six days work shop on "**Automobile Engineering**" during **18th - 23rd October 2011** at GIET – Gunupur.
2. Co-coordinator for a two days Faculty Development Program on "**Optimization and Simulation Modeling"** during **22nd -23rd July 2011** at GIET – Gunupur.

CONFERENCES, SEMINARS AND SHORT TERM TRAINING PROGRAMS ATTENDED

1. Attended a one week program AICTE program on "Recent Advaned in Composite Materials and Analysis of Composite Structures", at JNTU Kakinada, i.e. from 29.07.19 to 03.08.19
2. Attended a Faculty development program on "Recent Funding Opportunities and Outcome based education" at AITAM, Tekkali i.e. from 30-11-19 & 01-12-19.
3. Attended a short training STTP program on "Induction Training", at NITTR, Bhubaneswar i.e. from 4th to 8th June 2018.
4. Attended a Faculty development program on "Exploring Deep Machine Learning for Image and Signal Processing with Matlab", at GIET, Gunupur i.e. from 21st to 27th May 2018.
5. Attended a short-term course on "Optimization Process with Design of Experiments", at GIET, Gunupur i.e. from 5th to 7th May 2018.
6. Conducted a workshop" 6 Days Certificate Course on Automobile Engineering" i.e. from 03.10.2012 to 09.10.2012.at GIET, gunupur.
7. Attended a Technical Education Quality Improvement Programme (TEQIP) Phase II workshop on Rapid Prototyping at NIT, Warangal i.e. from 23.01.12 to 27.01.12.
8. Attended a Five-Day Short Term Course on "Essential Techniques for Research Problems in Materials and Manufacturing (ETRPMM)" at NIT, Warangal i.e. from 14th to 18th April 2014.
9. Attended a short-term course on "ANSYS & ITS APPLICATIONS", at GIET, Gunupur i.e. from 10th to 12th March 2015.

PATENT

1. M.K. Panigraphi, **R. Sivasankara Raju**, R.I.Ganguly, R.R.Dash, filed a patent on "Al-1100 Alloy-Coconut Shell Ash Composites Products with High Specific Strength and Wear-Resistance at Ambient and High Temperature" having application number **2018310H932A (**TEMP/ E-1/ 12578/ 2018-KOL**)**.

PUBLICATION OF MANUALS/PROCEEDINGS

A) **MANUALS**

1. A&IC Lab. Manual, 2018 for B.Tech Students
2. DOM Lab. Manual, 2018 for B.Tech Students

LABORATORIES DEVELOPED

- **At AITAM-Tekkali:** I was Involved in developing laboratories like Research and Development, Mechanics of Solids and Dynamics of Machine. These labs are in the curriculum of both under graduate and post graduate students.
- **At GIET-Gunpur:** I was Involved in developing DOM lab at GIET – Gunpur. This lab is in curriculum of B.Tech students.

EDITORIAL BOARD / REVIEW MEMBER

1. Acts as an Editorial Board member in the journal of innovation (Knowledge Publishing Group).
2. Acts as an Editorial Board member in the Journal of Frontiers of Mechatronical Engineering（FME)
3. Acts as an Editorial Board member in the journal of Ceramic Sciences and Engineering (Publisher: EN Press)
4. Acts as an Editorial Board member in the Journal of Information Engineering and Applied Computing (Publisher: WHIOCE publishing Pvt. Ltd)
5. Acts as an Review member in International journal of Mechanical Engineering (Publisher: InSc)
6. Acts as an Review member in the Metals and Materials International (MAMI) (Publisher: Springer)
7. Acts as an Review member in Metallurgical and Materials Transactions A (Publisher: Springer)
8. Acts as an Review member in the Tribology In Industry (Publisher: Serbian Tribology Society)
9. Acts as an Review member in 2nd International Conference on Metal Material Processes and Manufacturing (2nd ICMMPM2019), South Korea.

ACHIEVEMENTS

- Awarded as Athletic champion in the year of 2005 at Narasaraopeta engineering college, Narasaraopeta.
- An active member of science & Tech expo 2013 as coordinator for megastructures
- Nominee for best Teacher in 2013 at GIET, Gunupur, Odisha.
- An active member of science & Tech expo 2014 as coordinator for megastructures
- Acts as a member in central examination section from June 2013-July 2015.
- Actively participated in NBA & NAAC team visit Dec -2014 & Feb 2015 respectively
- An active member of science & Tech expo 2015 as coordinator for megastructures.
- Awarded with a best paper presented in ICRIET-2016, at GIET, Gunupur.
- Awarded with young researcher in ICRIET-2016, 5th -6th November at GIET, Gunupur.
- Actively participated in NBA visit March -2018.
- Actively participated in NAAC visit March-2019 at AITAM, Tekkali.

REFERENCE

Dr. R.I.Ganguly (retd.)
Former Professor and Head, NIT, Rourkela
Dept. Of Metallurgical Engineering
NIT, Rourkela
Odisha, INDIA
E-mail: riganguly0@gmail.com

Department of Mechanical engineering
RVR&JC, Guntur
Andhra Pradesh, INDIA
Email: gsraorvr@gmail.com

Place: **Tekkali**

Dr. Sivasankara Raju