


SRI SAI RAM ENGINEERING COLLEGE
DEPARTMENT OF MECHANICAL ENGINEERING

Name: M.C Anand Chakaravarthi	
Designation:	Assistant Professor
Qualification:	ME
Area of Specialization:	Internal Combustion Engineering
Experience:	Teaching- 9.7 Years
	Industry- 0
Number of Workshops/ Conferences/ FDP Attended: 6	WORKSHOP- 5 NATIONAL/INT. CONFERENCE-5
Publication:	Journal: 8 National :7 International :0
	Conference: National:3 International:3
General:	
Staff Achievement	Have given high results in all subjects handled. Have been instrumental in bringing various National level Automotive competitions for students through SAEINDIA Collegiate Club

Particulars of Educational Qualification :

Name of the Degree	Specialization	Year of Passing	Name of the College	Name of the University	% of Marks / Grades obtained / Ph.D. Awarded (Y/N)	Class obtained
M.E.	INTERNAL COMBUSTION ENGINEERING	2012	COLLEGE OF ENGINEERING GUINDY	ANNA UNIVERSITY	6.68	First class
B.E.	MECHANICAL ENGINEERING	2008	TAGORE ENGINEERING COLLEGE	ANNA UNIVERSITY	72	First class
HSC	Computer Science	2004	Zion Matric.Hr.Sec.Sch	State Board	78	First Class
SSLC	Science	2002	Zion Matric.Hr.Sec.Sch	State Board	86	First Class

Professional Experience:

Sl. No	College/Organization	Designation	Period From To	Total period	Nature of work
1.	Sri SaiRam Engineering College	Assistant Professor	26/6/13 to till date	8.7	Teaching
2.	Prince Sri Venkateshwara Padmavathy Engineering College	Lecturer	1/6/2012 to 31/5/2013	1	Teaching

International Conferences Attended:4

Papers published in the international conferences :1

Short Term Course (Refresher courses) Attended:

Faculty/Staff Development /Training Program (Orientation programmes) Attended : 8

- 1.Recent trends in Heat and Mass Transfer
2. Industry - Institution Interaction Event on Environment Management in Industrial Sectors - Status and Needs
3. Role on lean manufacturing on organization competitiveness
4. Professional Ethics and Human Values
5. Thermal Engineering
6. 7 Days FDP on Manufacturing processes
7. 5 days Virtual FDP on Thermal Engineering –I
8. CFD simulation of Thermal Management of Batteries and Power Converters

Resource person In FDP:

1. Professional Ethics and Human Values
2. Thermal Engineering

Workshops Attended: 10

1. 1 day workshop on Renewable energy

Events organized:

3. Faculty Coordinator for SAEIndia BAJA 2015
4. Faculty Coordinator for SAEIndia E- Baja 2016
5. Faculty Coordinator for SAEIndia E- Baja 2017
6. Faculty Coordinator for SAEIndia E- Baja 2018
7. Faculty Coordinator for SAEIndia E- Baja 2019
8. Faculty Coordinator for SAEIndia E- Baja 2021
9. Faculty Coordinator for SAEIndia E- Baja 2022
10. Organised Various Guest Lectures Through SAEINDIA Collegiate Club
11. Organised Faculty Development Programme in Automobile Engineering through SAE Collegiate Club
12. Have been actively involved and been a part of organizing committee of various Club activities in College

Funded Projects:

List of publications in international journals:

1. Performance improvement of trough concentrating photovoltaic thermal system: a review
M Sudhakar, R Prasad, A Ravinthiran, P Dutt, MCA Chakaravarthi Materials Today: Proceedings 16, 647-652
2. Characterizations on hybrid of caustic treated natural and glass fiber Composites PS
Kumar, K Gurusami, R Rajaprasanna, G Puthilibai, ... Materials Today: Proceedings 33, 4424-4427
3. Experimental research on glass fibres / caustic soda treated banana fibers hybrid
composite DLKGMCACGPMSM Sudhakar Materials Today Proceedings 33, Pages 4408-4411
4. Flexural, impact and tensile properties of banana /PLA composite JJ P. Periyasamy, K.
Gurusami, M. C. Anand Chakaravarthi, D. Muruganandam International journal of innovative technology and
exploring engineering 9 (1)
5. Fabrication Of Mhd Power Generation Using Exhaust Of Vehicles SMB M.C. Anand
Chakaravarthi, S.Austin Prince,N.Balasubramanian, S.HariPrasadh Journal of Emerging Technologies and
Innovative Research 6 (5), 516-523
6. Performance analysis of parabolic trough concentrating photovoltaic thermal system with
trapezoidal receiver T Sudhakar, M., Rajendra Prasad, A., Ravinthiran, A., Anand Chakaravarthi, M ...
IJMET 9 (13)

7. **Design And Analysis Of Compact Boiler MCACSMS** Dr. Rajendra Prasad A, Dr. Vaidyanathan S
International Journal of Mechanical Engineering and Technology (IJMET) 9 (7 ...
8. **Design and Development of ejection seat mechanism in aircraft** PD R. Rajaprasanna, A. Rajendra Prasad, T. Vignesh, M. C. Anand Chakaravarthi International journal of innovative technology and Exploring Engineering 8 (11)

Other Certification Courses:

1. **Artificial Intelligence A-Z** Artificial Intelligence A-Z
SuperDataScience
2. **Data Science with Machine learning and Data Analytics** Data Science with Machine learning
and Data Analytics
Datahill Solutions
3. **Excel Skills for Business: Essentials** Excel Skills for Business: Essentials
maquaire university ,sydney Australia
4. **Intelligent Machining**
The State University of New York
5. **Introduction to Personal Branding**
University of Virginia
6. **Leadership and Emotional Intelligence**
Indian School of Business
7. **Advanced manufacturing enterprise**
The State University of New York
8. **Basics Of PLC Programming From Zero Using LogixPro Simulator**
Udemy

Professional Memberships

1. Society of Automotive Engineers India (SAE)
2. Indian Society for Technical Education (ISTE)
3. Institute of Electrical and Electronics Engineer (IEEE)