

Dr.G.RAMESH

Old No. 23, New No.28

Mahalakshmi street

East Tambaram

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e-mail: gramsjo69@yahoo.com**Carrier Objective**

My passion is to share ideas and knowledge on subjects and new innovation to the student community and make them useful to society. Also, in administrative capacity, I wish to develop the organization through Quality initiatives

Subjects Handled

- Engineering Mechanics
- Fluid Mechanics and Machinery
- Strength of Materials
- Kinematics of Machinery
- Mechanics of Machine
- Engineering Metallurgy
- Design of Machine Elements
- Computer Integrated Manufacturing
- Automobile Engineering
- Basic Civil and Mechanical Engineering
- Engineering Graphics
- Basic Mechanical Engineering

Laboratories Handled

- Strength of Materials Lab
- Fluid Mechanics and Machinery Lab
- Engineering Practice Laboratory
- Auto Cad Lab
- Design and Fabrication lab
- Final year Project

Educational Qualification

Name of the Degree	Specialization	Year of Passing	Name of the College	Name of the University	% of Marks / Grades obtained	Class obtained
Ph.D	Composite Materials	2021	--	Anna University	--	--
ME	CAD	2011	--	Sathyabama University	7.8 CGPA	First with distinction
BE	Mechanical	1995	CIT	Bharathiar University	73.5%	First
Diploma	Mechanical	1986	SRMV Pty College	DOTe	68.63%	First
SSLC		1983		State Board	62.80%	First

Academic Experience as on May 2023

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
Mohamed Sathak A J College of Engineering	Associate Professor	19.10.19	--	3	7	12
Dhaanish Ahmed College of Engineering	Associate Professor	01/07/14	01.07.19	5	0	0
Dhaanish Ahmed College of Engineering	Assistant Professor	01/02/12	30/06/14	2	5	0
Vel's University	Lecturer	18/08/08	30/01/12	3	5	13
Sri Ramakrishna Mission Vidyala ITI & Polytechnic College	Lecturer	02/01/96	09/08/08	12	7	07
Total				27	1	2

Industrial Experience

Name of the Organization	Designation	Nature of Work	Joining Date	Relieving Date	Experience		
					Years	Months	Days
Sri Lakshmi Engineering Works	Supervisor	Out sourcing	12.06.86	14.04.87	-	10	3
Total					-	10	3

Experience in other administrative and academic support service

Positions held	Name of the Institute	Duration	Total Experience	Nature of Experience
Head Administration	Mohamed Sathak A J college engineering	2022-till date	1 year	Overall monitoring the activities of all the department, monitoring the student discipline, faculty issues, Associate with academic activities and IQAC
HoD	Mohamed Sathak A J college engineering	2021-2022	1 Year	Overall monitoring department activities, monitoring and guide the faculty and students towards academic and extracurricular activities
IQAC Coordinator	Dhaanish Ahmed College of Engineering	2017-2019	2 years	Preparation of document for NAAC in various format, Auditing the NAAC documents, Conducting IQAC meeting and preparing minutes, Coordination for PEER team visit
Assistant HoD	Dhaanish Ahmed College of Engineering	2014-2019	5 years	Planning of department activities, Faculty workload, Lab related activities, Budget, Handling inspection, Audit, Organizing symposium, seminars, etc.,
Student Project coordinator	Dhaanish Ahmed College of Engineering	2015-2019	4 years	Scrutinizing the projects, Analyzing the projects, Preparing model reports, Conducting project expo

ISO - MR	SRMV – ITI & PTY	2005-2008	3 years	Document preparation, Quality improvement follow up through MRM meetings, NCR closure and horizontal deployment
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Experience in co-curricular activities

1. Senior faculty advisor for SAE and participated in e-baja at Gujarat
2. Coordinator for the student Programme like Workshop (SAE) and Symposium.
3. Co-coordinator for conducting International conference.
4. Department Industrial visit and guest lecture coordinator.
5. College timetable coordinator
6. Committee convener in common college functions.
7. College academic coordinator.
8. College project coordinator.
9. ISO Management Responsible Person
10. Academic calendar preparation.

Books Published

Title of the Book	Co-Author(s)	Publisher	ISBN	Month & Year of 1 st Edition
ENGINEERING GRAPHICS	Dr.R.Senthil kumar Mr.S.R.Mohan	Vinayaka Publications		Apr 2018
UNCONVENTIONAL MACHINING PROCESS	Dr.S.Sathiyamurthy Dr.S.Jayabal Mr.G.Swaminathan	Kavitha Publication	978-81-8345-546-6	Feb 2016

Publications in Journals

Title of the Paper	Co-Author(s)	Name of the Journal	Volume, Issue & Page Number	Month & Year
Design and fabrication of on road real time e car utilize to testing and implement the self-driving car using ai technology	K. Elangovan, E. Dhiravidachelvi, R.Senthilkumar, A.Chockalingam	Semiconductor Optoelectronics	42, 1 & 1194 – 1202	May 2023
Evaluation of mechanical and microstructural properties of aluminium AA7075/TiB2 in –situ aluminium metal matrix composites	Dr.R.Senthilkumar, Dr.M.Prakash, Dr.M.Muruganandam, V.Vigneshwaran	Journal for Basic Sciences	23, 1, & 316-327	Jan 2023
Design and Fabrication of Automatic Pneumatic Controlled Bar Feeding, Clamping and Cutting Attachment Using Arduino Microcontroller	A Chockalingam, Dr.R.Senthilkumar, Dr.M.Muruganandam Mr.V.Vigneshwaran	Purakala	32, 1 & 694-701	Jan 2023
Study on influence of fiber length and fiber weight proportion in mechanical behavior of Calotropis Gigantea fiber-epoxy composites	Dr.K.Subramanian Dr.S.Sathiyamurthi Dr.S.Jayabal	Polymer composites	41, 11 & 4899-4906	Aug 2020

Calotropis Gigantea Fiber Epoxy Composites: Influence of Fiber Orientation On Mechanical Properties and Thermal Behavior	Dr.K.Subramanian Dr.S.Sathiyamurthi Dr.M.Prakash	Journal of Natural fibers	19, 10 & 3668-3680	Dec 2020
Experimental Investigation on Mechanical properties of Flax Fiber Reinforced Composites with Epoxy	² Jabin.J ³ Senthil Kumar.R ⁴ Manzoor Hussain.M	IJARSE	07, 02	March - 2018
Intelligent Engine with Micro Controller Valve Actuation and Eliminating the Cam Linkage Arrangement	² Narasimharao I ³ Robinson A	IEEE	978-1-4244-9083-7/10 193-197	November- 2010

Publication in conferences

Title of the Paper	Name of the Event	Place / Organization	Date	Publication Details
The effect of TiB ₂ on mechanical and microstructural properties of AZ91 matrix composites manufactured by cold chamber die casting process	ICRDET'19	Dhaanish Ahmed College of Engineering	16.03.19	Proceedings
IOT Enriched Vehicle Time Governing System	NCRDAME'19	Easwari Engineering College, Chennai	01.03.19	Proceedings
Installation of Kin and Refrigeration Facility in SUV	NCRDAME'19	Easwari Engineering College, Chennai	01.03.19	Proceedings
Casting of cylinder liner in grey cast iron for improving liner properties	NCRDAME'19	Easwari Engineering College, Chennai	01.03.19	Proceedings
A Review on Mechanical Properties of Natural Fibers Polymer Composites	ICAME – 2015	University College of Engineering, Vilupuram	15 & 16 th Oct 2015	Proceedings

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Year	Title	Reg. no.	Organization
2018	GE8261 Engineering Practices Laboratory Manual	L-78730/2018	Copyright Office, Govt. of India

Professional Training Received/FDP/Conferences/Workshops/Seminars attended

Year	Title of the Training / FDPs / Conferences / Workshops / Seminars	Duration (Period)	Organization where training was provided
2022	Intellectual property awareness mission	1 Day (08.02.22)	Intellectual property office, India
2021	Quality Assurance of Technical Institutions through Accreditation	5 Days (29-03.12.21)	NITTR, Chennai

2021	National Education Policy “Teachers Role in NEP Implementation (ATAL)	5 Days (22-26.11.21)	IGNOU, Panaji
2020	3D Printing and design (ATAL)	5 Days (07-11.12.20)	Crescent University, Chennai
2020	Ethical Practices in Engineering	7 Days (28-03.06.20)	Sri Sai Ram Engineering College, Chennai
2020	Intellectual property rights (IPR) Workshop	2 Days (02-03.06.20)	TNSCST Counsil, Chennai
2020	Renewable Energy Sources: A Way Ahead	7 Days (15-21.05.20)	Cummins College of Engineering for women, Nagpur
2020	NAAC Awareness Programme for faculty	7 Days (08-14.05.20)	MMIT, Pune
2019	National workshop on Marine Cyber Physical System	Two Days (22-23.04.19)	AMET University, Chennai
2019	Short term training programme through ICT mode on Measurement and Control for Industrial Automation	One Week (11-15.03.19)	NITTTR, Kolkata
2019	Short term training programme through ICT mode on Advanced Process Control and Instrumentation System	One Week (07-11.01.19)	NITTTR, Kolkata
2018	Awareness programme on Disaster Management & Emergency Planning in Rural Development	Two Days (27-28.12.18)	Dhaanish Ahmed College of Engineering, Chennai
2018	FDP on Kinematics of Machinery	Two Weeks (26-08.12.18)	MNM Jain Engineering College
2018	Seminar on Road Map to Institutional Ranking	One Day (28.11.18)	ELSEVIER, Chennai
2017	NPTEL Awareness programme	One Day (09.12.17)	IITM at SSN College of Engineering, Chennai
2017	Workshop on Instructional Model for Outcome Based Education	One Day (22.06.17)	Dhaanish Ahmed College of Engineering, Chennai
2017	Workshop on Effective ways of writing a research grant proposal	One Day (17.06.17)	Dhaanish Ahmed College of Engineering, Chennai
2016	FDP on Recent Developments in Non Destructive Testing & Materials	Two Days (01-02.12.16)	Tagore Engineering College, Chennai
2016	FDP on Leadership Skills – Level 1	Two Days (14-15.11.16)	ICT Academy, Chennai
2015	National workshop on “Quality Research”	Two Days (10-11.10.15)	Sri Ramanujar Engineering college, Chennai
2015	FDP on Processing and Characterization of Composite Materials Including Natural Fiber Reinforced Composites	Two weeks (18-31.03.15)	Sri Sai Ram Institute of Technology, Chennai - sponsored by AICTE
2014	FDP on Engineering Mechanics	One Day (19.12.14)	SKR Engineering college, Chennai
2014	Workshop on “Research Methodology”	One Day (11.12.14)	Center of Faculty Development, Anna University, Chennai.

2014	Workshop in “Advance Materials “	One Day (19.09.14)	KCG College of Technology, Chennai
2014	International Seminar on “Recent Advances in Composite Materials”	One Day (26.04.14)	Sri Ramanujar Engineering college, Chennai
2013	National workshop on “Quality Assurance in Academic and sponsored research”	One Day (23.10.13)	Sri Ramanujar Engineering college, Chennai

Professional Memberships

Name of Professional Organization	Type of Membership	Membership Number
ISTE	Life time	LM 92491
IAENG	Life time	216939


Research Interest : Composite Materials
Academic Achievements : First class with distinction in PG
Awards and Recognition : Best Teacher award in the year 2013

Personal Information

Date of Birth : 05/05/1968
Age : 55
Gender : Male
Nationality : Indian
Religion : Hindu

I hereby declare that all the above information are true and correct to the best of my knowledge and belief.

Place: Chennai
Date: 14.08.23


yours truly,
(Dr.G RAMESH)