

PROFILE

Dr. P. SRINIVASA RAO
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OBJECTIVE: To achieve a responsible position for giving the practical knowledge to make the students career progressive and growth of the organization.

1. ACADEMIC QUALIFICATIONS:

Examination Passed	Subject Name	Year	Name of the Institute / University
Ph.D.	Mechanical Engineering (Fluid Dynamics)	2021	Sri Venkateswara University, Tirupati.
M. Tech	Mechanical Engineering Through GATE (Machine Design)	2009	Vignan Engineering college-Guntur, (JNTUK)
B. Tech	Mechanical Engineering	2003	G.M.R.I.T- Rajam, (JNTUH)
Intermediate	Maths, physics, Chemistry	1998	A.P.S.W.R.J.C. Kopperla, (Board of Intermediate Education)
SSC	Maths, physics, Science	1996	Z.P.High School, Chinamerangi, (Board of Secondary Education)

2. DETAILS OF NET/GATE/CSIR : Qualified GATE (2004)

3. TEACHING EXPERIENCE: 10 + Years

Name of the Post	Name of the organization	Period with dates		Total Teaching Experience		
		U.G	P.G	DD	MM	YY
Academic Consultant	School of Engineering and Technology, SPMVV (Women's University), Tirupati.	02-08-2021 To Till Date		21	06	
Professor & HOD	Yogananda Institute of Technology & Science, Tirupati.	16-12-2021 To 20-06-2022	---	04	06	01
Associate Professor	Yogananda Institute of Technology & Science, Tirupati.	25-11-2013 To 31-03-2015	---	06	04	02
Associate Professor	Vaishnavi Institute of Technology, Tirupati.	01-06-2011 To 31-10-2013	---	30	04	02
Assistant Professor	Swetha Institute of Technology & Science for Women, Tirupati.	01-05-2009 To 31-05-2011	---	30	00	02
Assistant Professor	VRS & YRN College of Engineering & Technology, Chirala.	05-08-2007 To 30-04-2009	---	25	08	01

4. INDUSTRIAL EXPERIENCE: 1.9 Years

Name of the Post	Name of the organization	Period with dates
Production Supervisor	L&T (ECC) Under Ship Building Centre-Vizag.	11-08-2003 To 07-06-2005

5. SUBJECTS TAUGHT:

1. Engineering Drawing	2. Engineering Mechanics	3. Strength of Materials
4. Theory of Machines	5. Dynamics of Machinery	6. Machine Design
7. Design of Machine Elements-I	8. Design of Machine Elements-II	9. Finite Element Methods
10. Fluid Mechanics and Hydraulic Machinery	11. Instrumentation and Control systems	12. Manufacturing Technology
13. Optimization Techniques	14. Material Science Engineering	15. Management Science
16. Industrial Management	17. Managerial Economics and Financial Analysis	18. Applied Mechanics (for P.G , Oil Technology)
19. Basic Mechanical Engineering	20. Operation Research	21. Mechanical Vibrations (For P.G)
22. Advanced Finite Element Methods (For P.G)		

6. RESEARCH EXPERIENCE: 05 Years

Name of the Post	Name of the organization	Period with dates	
		From	To
Junior Research Fellow (RGNF)	Sri Venkateswara University, Tirupati.	01-04-2015	01-04-2017
Senior Research Fellow (RGNF)	Sri Venkateswara University, Tirupati.	01-04-2017	01-04-2020

7. RESEARCH PUBLICATIONS:

(a) Publication :	International level	06
(b) Conferences :	International level	04
	National level	02
(c) Work Shops :	International & Nationals	07
(d) FDP :		06

8. ADMINISTRATIVE EXPERIENCE:

Name of the Post	Name of the organization	Period with dates	
		From	To
Assistant Training and Placement Cell Officer	VRS & YRN College of Engineering & Technology, Chirala.	05-08-2007	30-04-2009
Examination Section Incharge	Swetha Institute of Technology and Science for Women, Tirupati.	01-05-2009	31-05-2011

9. PROJECTS GUIDED:

- M.Tech : Nil
- B. Tech (Batches) : 08

10. SOFTWARES KNOWN:

- AUTO CAD
- CATIA
- ANSYS

11. MEMBERSHIPS:

- Member of ISCA (Indian Science Congress Association)
- Member of IAENG (International Association of Engineers)

12. PATENTS:

- Intelligent face detection and recognition using machine learning (under progress)
- Vehicle security system (under progress)

13. OTHER ACTIVITIES:

- Acted as Jury for paper and poster presentation organized at VEMU Institute of Technology, P. Kothakota, Pakala, Chittoor, Andhra Pradesh.
- Acted as Jury for poster presentation organized at Govt. Polytechnic College, Tirupati.
- Acted as Organizing Committee Member for National level paper presentation conducted at Yogananda Institute of Technology & Science, Tirupati.
- Delivered an expert talk on Research Methodology at Sree Rama Engineering College, Tirupati.
- Aptitude classes have been taken as a part of CRT for all B. Tech IV –Year students
- Acted as Cultural activities coordinator in various Engineering Colleges.
- Learning Karnataka Music (Vocal) IV -Year in S.V. Music College, Tirupati.
- Singing and composing songs and writing poets in Telugu.

14. KEY RESPONSIBILITIES HANDLED:

- Prepared teaching material and utilized it for the progress of students.
- Provided conceptual knowledge and make them visualize the objects.
- Guided the Project works
- Organized industrial tours to students.
- Developing the extracurricular activities of students.

15. PERSONAL DETAILS:

Name : Dr. P. SRINIVASA RAO
Gender : Male
Nationality : Indian
Department : Mechanical Engineering
Languages Known : Telugu, English, Hindi and Oriya

Declaration:

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

Date: 20.06.2023

Place: Tirupati.

(Dr. P. SRINIVASA RAO)