

Prof. G Prabhakara Rao, B.E.(Hons.), M.Tech., Ph.D., FIE, MISTE.

Director, Annamacharya Institute of Technology & Sciences, Rajampet, Kadapa Dist., A.P-516126

☎ +91 98481 75279 ✉ rao_gpr@yahoo.co.in



SUMMARY

Academician having over 48 years of experience in various roles such as Teacher, Researcher, HOD, Warden and Principal. Thorough knowledge in University affiliation norms, AICTE norms, NAAC norms, with proven track record of getting institutions accredited. Effective administrator and disciplinarian.

CURRENT ROLE:

Director, Annamacharya Institute of Technology & Sciences, Rajampet.
Annamacharya PG College of Computer Studies, Rajampet
Annamacharya PG College of Management Studies, Rajampet

Responsibility Summary: Guiding the principals of other colleges on the campus. Administration of an Engineering College, a College of Management Studies & a College of Computer Studies and maintenance of hostels.

KEY ROLES

- Director since 01-10-2009..
- Principal, Engineering Colleges for 12 years
- Head of the Department of Mechanical Engineering for 10 years.
- Warden of the hostels for 20 years.
- Teaching in Engineering Colleges for 45 years.
- Researcher for 7 years.
- Paper Setter, Examiner for various Universities for about 25 years.
- Member of Boards of Studies, S.V. University, Tirupati for 14 years & S.K University, Anantapur for 4 years.
- Member of Governing Body for Engineering colleges for 25 years.
- Member of various admissions committees at the state level, EAMCET, ICET, PG CET.

ACHIEVEMENTS:

As Principal

- Enhanced student annual intake from 180 to 1248 in 13 years at AITS.
- Played key role in getting the B.Tech courses accredited by NBA twice.
- Key person in getting the institute accredited by NAAC.
- Key person in getting UGC Autonomous Status to AITS.
- Brought up the institute as the best one among nearly hundred colleges in Rayalaseema region.
- In the period of 13 years at AITS, the college has grown from 4 B.Tech courses, to the present stage of 6 B.Tech courses, 7 M.Tech courses, 11 MBA sections and 6 MCA sections.
- Earned the name as best disciplinarian by imposing discipline among students and staff.
- Controlled the student disturbances at SVUCE, NBKRIST and AITS effectively.

As a teacher

- Motivated the students to pick up the subjects he handled - the pass percentage in the subjects handled was mostly 100, minimum being 89 – Got the name as the best teacher.

As a warden:

- Established the hostels at NBKRIST and women's hostel at AITS, on sound lines.
- Innovated the method of involving the students for about 3 to 4 hours a month for controlling the quality of rice and provisions purchased for the hostels in S.V.University.

As Head of the department

- Established Mechanical Engineering laboratories and workshops at NBKRIST, Vidyanagar.
- Students in the department used to bag 2 to 3 ranks out of 5 university top ranks every year – record being all the 5 top ranks in one year (out of the 3 colleges under the University).

As a researcher

- Ph.d from IIT Madras
- Produced 2 Ph.Ds – one in Machine Dynamics and the other in Bio-Fuels.

General

- Conducted university tournaments in Chess and Table -Tennis.

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QUALIFICATIONS

Degree	Specialization	Year	University	Class
B.E	Mechanical Engineering	1964	SV University, Tirupathi	I Class Honours
M.Tech	Design & Production Engineering	1968	REC, Warangal	I Class
Ph.D	Electrochemical Machining	1988	IIT, Madras	

OTHERS - ACADEMIC

Training / Short term course	Institute	Duration
Young Entrepreneurs	NISIET, Hyderabad	12 weeks
Tribology & Machine Dynamics	IIT, Madras	4 weeks
Production Engineering	IIT, Kharagpur	4 weeks
Metal Casting Technology	IIT, Kharagpur	4 weeks
Fatigue Design	IIT, Madras	4 weeks
Finite Element Method	MACT, Bhopal	4 weeks

Attended a three day workshop conducted by the Institute of Chartered Financial Analyst of India (ICFAI) Hyderabad in the year 1993 for the introduction of CFA courses in parallel with the B.Tech. courses for the Engineering graduates in Engineering colleges.

Attended a two day academic leadership workshop in December 2010, conducted by Wipro Machine 10X at Wipro campus, Hyderabad.

Ph. Ds PRODUCED

1. 2001, P. Nageswara Reddy, "Some Investigations on Aeroelastic Stability of Hingeless, FRP, Helicopter Rotor Blades in Hover" from Jawaharlal Nehru Technological University, Hyderabad.
2. 2009, T. Venkateswara Rao, "Experimental Investigations and Life Cycle Analysis of Biodiesel as a Fuel in C.I. Engine for Rural Transport" from Jawaharlal Nehru Technological University, Anantapur.

MEMBERSHIPS

- Indian Society for Technical Education
- Fellow of Institution of Engineers.
- IEEE

SUBJECTS TAUGHT

- Theory of Metal Cutting
- Engineering Drawing
- Theory of Machines
- Unconventional Machining Methods
- Tool Design
- Machine Drawing
- Dynamics of Machinery
- Experimental Stress Analysis

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EXPERIENCE SUMMARY

Period	Designation	Institute
Feb' 65 to Aug' 66	Associate Lecturer	Madras Institute of Technology, Chennai
Sept' 68 to Oct' 70	Associate Lecturer	SVU College of Engineering, Tirupati
Oct' 70 to Dec' 79	Lecturer	SVU College of Engineering, Tirupati
Dec' 79 to Apr' 82	Asst. Professor	N.B.K.R.Institute of Science & Technology, Vidyanagar, A.P
May' 82 to Oct' 84	Professor	N.B.K.R.Institute of Science & Technology, Vidyanagar, A.P
Oct' 84 to Dec' 86	Project Associate	IIT Madras, Chennai
Dec' 86 to Jan' 92	Professor & Head Mechanical Engineering	N.B.K.R.Institute of Science & Technology, Vidyanagar, A.P
Jan' 92 to Jan' 95	Principal	N.B.K.R.Institute of Science & Technology, Vidyanagar, A.P
Jan' 95 to May' 00	Professor & Head Mechanical Engineering	N.B.K.R.Institute of Science & Technology, Vidyanagar, A.P
May' 00 to Sep' 09	Principal	Annamacharya Institute of Technology & Sciences Rajampet, A.P
Oct' 09 onwards	Director	Annamacharya Institute of Technology & Sciences Rajampet, A.P

PERSONAL DETAILS

Date of Birth	10 th September, 1944
Address	Dr. G. Prabhakara Rao, Director Annamacharya Institute of Technology & Sciences, Rajampet, Kadapa Dist., A.P – 516 126.
Residence	: 08565 - 200242
Office (Direct)	: 08565 - 251877
Office	: 08565 - 251863
Cell	: 9848175279
Fax	: 08565 – 251864
Email	: rao_gpr@yahoo.co.in

SELECTED PUBLICATIONS

1. Analysis of Anodic Smoothing in Electrochemical Machining, International Journal of Production Research, U.K., 1987, 25, 8, pg. 1209-1221.
2. Application of FEM to Anodic Smoothing, Journal of Mechanical Working Technology, 17(1988)289-296.
3. Flow Velocity Effect on Electrochemical Anodic Smoothing, Journal of Institution of Engineers (India), 1987.
4. Polarisation Measurements in Electrochemical Machining, 12th AIMTDR Conference, 1986

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5. Influence of Fluid Flow on Anodic Smoothing in ECM, 15TH national Conference on Fluid Mechanics & Fluid Power, India, 1987.
6. Investigations on Electrochemical Anodic Shaping, 14th AIMTDR Conference, 1990.
7. Biodiesel development and Performance Evaluation in C.I. Engine for Rural Transport, Engineering Today, May 2007, pp 03-09.
8. Biodiesel development and Performance Evaluation in C.I. Engine for Rural Transport, International conference on Frontier Technologies for the Industry Business and Education in Adiyamman College of Engineering, Hosur, T.N. Sep.2006.
9. Experimental Investigation of Pongamia, Jatropha and Neem Methyl Esters as Biodiesel on C.I. Engine, Jordon Journal of Mechanical and Industrial Engineering (JJMIE), International Journal, . 2008.
10. Experimental Investigation of Methyl Esters of Non-edible oils as Biodiesel on C.I. Engine, (International Journal of Material Science (Accepted for publication)
11. Neem Oil as a Biodiesel: Experimental Analysis, National Conference, CAME-2005, JNTU College of Engineering, Anantapur, 2005.

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