

BIO-DATA



APPLICATION FOR THE POSITION OF PROFESSOR IN MATHEMATICS

Name : Dr. ABBURI SRINIVASA RAO
Father's Name : VENKATA KOTAIAH
Date of Birth : 01.06.1969
Address for Communication : D.No.13-2-8/6
Flat – C, First floor, Sai Tirumala Enclave,
Dandu Bazaar, Ramjogipeta,
Maharanipeta,
Visakhapatnam-2.
Phone Number : 9247193332, 9246627633
E-Mail: asr161969@gmail.com
Religion : HINDU
Caste : OC, Kamma
Aadhar Number : 785457477354
PAN : AJJPA9682L
Educational Qualifications : M.Sc., M.Ed., Ph.D

ACADEMIC DETAILS

SI.NO	Qualification	Board/University	Year of passed	%
1	Ph.D.	GITAM Visakhapatnam	2021	-----
2	M.Sc.,	Andhra University	April, 1992	72
3	M.Ed.,	Andhra University	August, 1996	62
4	B.Ed.,	Nagarjuna University	October, 1992	65
5	B.Sc.,	Nagarjuna University	April, 1989	72
6	Intermediate	B.I.E	March, 1986	66
7	SSC	SSC Board	March, 1984	62

SUBJECTS TAUGHT:

- **Intermediate Level** : Mathematics 1A, 1B, 2A, and 2B
- **CBSE +2** : Mathematics, EAMCET.
- **Engineering Level** : Engineering Mathematics I, II, III, and MFCs

WORK EXPERIENCE

Sl.No.	Name of the Institution	Designation	Year
1.	Avanthi Institute of Eng and Technology, Makavarapalem, Narasipatnam.	Professor	27/01/2021 to till date
2.	Coastal Institute of Technology and Management .Kothavalasa	Associate Professor	2018 to 2021
3.	Avanthi Research & Technological Academy, Bhogapuram	Associate Professor	2015-2018
4.	Sri Prakash College of Technology, Rajahmundry	Associate Professor	2008 -2015
5	Sri Prakash Jr. College, Payakaraopeta	Principal	1994-2008
6.	Nalanda Jr. College, Vijayawada	J.L in Math's	1992-1994

RESEARCH PAPERS & PATENT

Published Research Papers:

1. "Influence of Heat Source Effect on MHD Flow of Casson Fluid Over a Nonlinearly Stretching Sheet with Chemical Reaction and Slip Conditions"
 - Published in *IJMPARD*, Vol. 10(2), 2020.
2. "Energy Source Impacts on Steady Chemically Radiative Jeffrey Liquid Over a Stretching Sheet"
 - Published in *Advances in Mathematics Scientific Journal (AMSJ)*, Vol. 9, 2020.
3. "Magnetohydrodynamic Williamson Fluid Motion Over an Exponentially Stretching Sheet with Chemically Radiative Heat Source Effects Under Suction/Injection"
 - Published in *Journal of Mathematical and Computational Science (JMCS)*.

Patent:

- **Title:** *A Mathematical Modeling Framework for Climate Impact Assessment*
- **Applicant:** Anurag Engineering College
- **Description:** This framework integrates climate science, economic systems, and policy analysis to evaluate the potential effects of climate change. It employs mathematical equations to model interactions between greenhouse gas emissions, temperature variations, and socio-economic factors, aiding policymakers in formulating effective mitigation and adaptation strategies.

Ph.D. Title : "Heat and Mass Transfer Characteristics in Non-Newtonian Fluids Over a Stretching Sheet with Chemical Reaction"

WORKSHOPS & SEMINARS ATTENDED :

S.No	Title of the Workshop/Seminar	Organizer	Date
1	Research Publications, Process, Credentials, and Outcomes	BITS, Vizag	09/05/2020
2	Writing an Effective Research Proposal: The Art	MIRACLE, Vizag	14/05/2020
3	Methods and Tools for Qualitative Research Writing	Karpagam Engineering College, Coimbatore	16/05/2020
4	National Level FDP on Tools for Online Classroom Post COVID-19	P.B. Siddhartha, Vijayawada	18/05/2020 – 20/05/2020
5	Writing a Research Paper for Well-Indexed Journals	DIET, Anakapalli	30/05/2020
6	Protecting the Environment – Our Responsibilities	Government of Andhra Pradesh	05/06/2020
7	A Systematic Statistical Approach for Optimal Solutions to Industrial Problems	KLU, Vijayawada	05/06/2020
8	Necessity of Yogic Science During the COVID-19 Pandemic	Government of Andhra Pradesh	17/06/2020
9	Applications of Mathematics in Engineering	NNRG, Hyderabad	05/07/2020
10	Life Skills Education to Protect Intellectual Property & Leverage Ethical Behavior	AITAM, Tekkali	10/07/2019 – 23/07/2019
11	Recent Research in Mathematics	GITAM, Bengaluru	11/09/2020 – 15/09/2020
12	Latest Trends in Applied Mathematics	KLU, Vijayawada	26/09/2020

ACADEMIC AND PROFESSIONAL EXPERIENCE

- M.Sc. (Mathematics): Secured 2nd Rank at Andhra University (1989–1991 Batch).
- 1994–2008: Served as Lecturer and Principal at Sri Prakash Junior College, Payakaraopeta. During this tenure, students achieved State 1st Rank in I.P.E March 1999.
- 2008–2015: Worked as Associate Professor and Chief Administrative Officer at Sri Prakash College of Technology, Rajahmundry.
- 2015–2018: Served as Associate Professor and Head of the Department (HOD) at Avanthi Research & Technical Academy, Bhogapuram.
- 2018–2021: Worked as Associate Professor and HOD at Coastal Institute of Technology and Management, Kothavalasa.
- 2021–Present: Serving as Associate Professor and HOD at Avanthi Institute of Engineering and Technology, Narasipatnam
- Working as chief superintendent for 15 years at IPE examination.
- BOS chairman at Avanthi Institute of Eng and Technology, autonomous Makavarapalem, Narasipatnam.
- Total Experience: 32 years in Teaching and Administration.

References:

1. Professor Ch. Raghavaiah – Former Principal, A.U. Engineering College, Visakhapatnam
2. Professor N. Ravi Shankar – GITAM UNIVERSITY VIZAG.
3. Professor P. Phani Bhushan Rao - GITAM UNIVERSITY VIZAG.
4. Professor U. M. Swamy – Andhra University, Visakhapatnam

I hereby certify that the information provided in this resume is accurate and true to the best of my knowledge and belief.

Place : Visakhapatnam

Date: 06-03 -2025

Signature: _____