


## FACULTY PROFILE

Name of the Faculty:	Dr.T. Srinivasa Rao					
Designation:	Associate Professor					
Department:	Mathematics					
Date of Birth:	09-07-1968					
AICTE – ID:	1-429600651					
<b>Education</b>	<ul style="list-style-type: none"> <li>B.Sc with <b>MPC (Maths Main)</b> from <b>Acharya Nagarjuna University</b> in 1989.</li> <li>M.Sc in <b>AO Mathematics</b> Specialization from <b>Acharya Nagarjuna University</b> in 1992.</li> <li>M.Phil in <b>Cosmology</b> specialization from <b>Acharya Nagarjuna University</b> in 1999.</li> <li>Ph.D in <b>Algebra</b> specialization from <b>Acharya Nagarjuna University</b> 2007.</li> </ul>					
<b>Experience</b>	Teaching: 33 Years	Industry: - Years	<b>Total: 33 Years</b>			
	Research: 14 Years	Others: - Years				
<b>Research Specialization</b>	Algebra					
<b>Courses taught</b>	<ol style="list-style-type: none"> <li>1. Linear Algebra and Ordinary Differential Equations</li> <li>2. Numerical Methods &amp; Advanced Calculus</li> <li>3. Probability &amp; Statistics</li> <li>4. Discrete Mathematics</li> <li>5. Complex variables &amp; Special Functions</li> <li>6. Operations research</li> <li>7. Numerical Methods</li> </ol>					
<b>Research contributions</b>						
<b>International/national peer reviewed journals</b>						
S. No.	Title of paper	Journal	Year	Volume	pages	Indexing SCI/WoS/ SCOPUS, Google scholar)
1	On Pre A*-Algebras	IJCC	2010	Vol. 8	33-36	-
2	Prime Ideal Spaces of A*-Algebras	International Journal of Algebra	2012	Vol. 6	239 – 247	-

3	Free A*-Algebras	Journal of Experimental Sciences	2012	Vol. 3	10-12	-
4	Disjunctive ideals of Almost Distributive Lattices	Discussiones Mathematicae	2022	Vol.42	159-178	Scopus

**Books published**

S. No.	Title of the book	Publisher	year
1	-	-	-

**Book chapters Published**

S.No.	Title of the Chapter	Book title	Publisher	year
1	-	-	-	-

**Details of Patents (Filed & Granted)**

S. No.	Applications number	Title of the patent	Date of filing/publishing	Published/granted
1	-	-	-	-

**Details of Conferences/FDPs/STTPs/webinars/Workshops Organized**

S.No.	Name of the event	Role	Dates
1	Linear Regression Analysis	Organiser	25-10-2019 to 26-10-2019
2	Applications of Mathematics in Various Fields with Innovative Approaches	Co-Convener	21-11-2023 to 25-11-2023
3	Innovative Applications of Mathematics (IAM-2024)	Co-Convener	18-11-2024 to 23-11-2024
4	Innovative Applications of Mathematics (IAM-2025)	Co-Convener	17-11-2025 to 22-11-2025

**Details of Conferences/FDPs/STTPs/webinars/Workshops Participated**

S.No.	Name of the event	Organized by	Dates
1	Professional Documentation using Latex	J.N.N College of Engineering	13-07-2020 to 18-07-2020
2	Recent Advances in Mathematics & Statistics	GITAM	03-08-2020 to 08-08-2020

3	Two-Week Refresher Course in Mathematics	Ramanujan College	16-03-2021 to 30-03-2021
4	International Research Workshop on Graph Domination	St. Paul's College	20-07-2021 to 24-07-2021
5	Advanced and Technical Computing Using MATLAB	Presidency University	25-07-2023 to 29-07-2023
6	Outcome Based Curriculum Design	NITTTR	05-09-2022 to 09-09-2022
7	Mathematics in Real, Applied and Computational Domains	Sathyabama Institute of Science and Technology	03-07-2023 to 08-07-2023
8	Advanced and Technical Computing with MATLAB	Presidency University	25-07-2023 to 29-07-2023
9	Enhancing Computational Skills of Mathematics in Various Fields of Engineering	Bapatla Engineering College	18-12-2023 to 23-12-2023
10	Essential Mathematics for Machine Learning	NPTEL	July-October, 2024
11	Statistical Analysis with Excel	Research Foundation of India	07-12-2024 to 12-12-2024
12	Algebra, Analysis and Number Theory	SRM University, AP	16-12-2024 to 20-12-2024
13	Recent Developments in Pure & Applied Mathematics	IIST, Indore	23-12-2024 to 28-12-2024
14	Recent Trends in Next -GEN AI Automation	ST. Joseph's College of Engineering & Technology	08-12-2025 to 12-12-2025
15	Computational Mathematics with MATLAB	Infinity Research & Development Institute	27-10-2025 to 29-10-2025

#### **Awards/recognitions/achievements**

<b>S.No.</b>	<b>Name of the Award/ achievements</b>	<b>Awarding body/Society/Organization</b>	<b>Year</b>
1	Best Teacher Award	Bapatla Engineering College	2021
2	Advanced Calculus for Engineers	NPTEL	October, 2022
3	Presented a Paper "dj-ideals of C-Algebras"	International Conference on Advances and Applications in Mathematical	14-03-2023 to 13-03-2023
4	Engineering Mathematics - I	NPTEL	October, 2023

5	Essential Mathematics for Machine Learning	NPTEL	October, 2024
6	Presented a Paper A Review on R-Ideals of Almost Distributive Lattices	BEC, Bapatla	08-09-2025 to 10-09-2025
7	Calculus - II	NPTEL	October, 2025

**Details of project proposals submitted/sanctioned/completed**

S.No.	Title of the Project	Funding body	Submitted/ Sanctioned/ Completed	Amount	Year/ duration
	-	-	-	-	-

**Consultancy contribution**

S.No.	Year	Amount	Details
1	-	-	-

**Student Project/research guidance**

S.No	Level	Total number	
1	UG	Completed:	Ongoing:
2	PG	Completed:	Ongoing:
3	PhD	Completed:	Ongoing:

**Administrative experience**

S.No.	Role	Duration (From – to)
1.	NCC Officer	16-01-2002 – 30-11-2017
2.	Dy. Warden (B. Pharmacy Ladies Hostel)	16-01-2012 - 10-02-2014
3.	College Canteen In-charge	03-08-2019 – 31-08-2021

**Research credentials**

Index/database	ID/Link
Google Scholar	<a href="https://scholar.google.com/citations?user=xDV-7nYAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=xDV-7nYAAAAJ&amp;hl=en</a>
SCOPUS	<a href="https://www.scopus.com/authid/detail.uri?authorId=57608929900">https://www.scopus.com/authid/detail.uri?authorId=57608929900</a>
Web of Science	<a href="https://www.webofscience.com/wos/author/record/KBB-3193-2024">https://www.webofscience.com/wos/author/record/KBB-3193-2024</a>

Vidwan ID	<b>323899</b>
<p>Dr.T. Srinivasa Rao 28-12-2025</p>	