


## FACULTY PROFILE

Name of the Faculty:	<b>Pavuluri Vijaya Saradhi</b>					
Designation:	<b>Professor</b>					
Department:	<b>Mathematics</b>					
Date of Birth:	<b>30-08-1971</b>					
AICTE – ID:	<b>1-428150642</b>					
<b>Education</b>	<ul style="list-style-type: none"> <li>B.Sc (MSP) from Nagarjuna University/Andhra Loyola College (Autonomous) in 1991.</li> <li>M.Sc in Mathematics from Annamalai University, Tamilnadu in 1993.</li> <li>M.Phil in Mathematics from Sri Venkateswara University, Tirupati in 1996.</li> <li>P.hd in Mathematics from Sri Venkateswara University, Tirupati in 2000.</li> </ul>					
<b>Experience</b>	Teaching: 27Years	Industry: NIL	<b>Total: 27Years</b>			
	Research: 20 Years	Others: NIL				
<b>Research Specialization</b>	<b>Graph Theory</b>					
<b>Courses taught</b>	<ol style="list-style-type: none"> <li>1.Linear Algebra &amp;Ordinary Differential Equations</li> <li>2. Numerical Methods &amp;Advanced Calculus</li> <li>3. Probability &amp;Statistics</li> <li>4.Complex Variables &amp;Special Functions</li> <li>5. Mathematical Foundations for Data Science</li> <li>6. Operations Research</li> <li>7. Discrete Mathematics</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	Irregular Graphs	Graph Theory Notes of Newyork	2001	XLI	33-36	-
2	Graph with a given Maximal domination Number	Bulletin of The Allahabad Mathematical Society, Golden Jubilee Year	2008	23	169- 175	-

		Volume				
3	Graph with a given graphical parameter	Advances in Mathematics: Scientific Journal	2020	9	10131-10135	SCOPUS
4	Graph with a given upper domination number	Advances in Mathematics: Scientific Journal	2020	9	10833-10838	SCOPUS
5	r-Regular Hypergraphs	Malaya Journal of Mathematik	2021	9	1167-1169	UGC

#### 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	Workshop on "linear Regression Analysis"	Organiser	25-10-2019 to 26-10-2019.
2.	A One week Online International Workshop on "Enhancing Computational Skills of Mathematics in Various Fields of Engineering(ECSMVFE - 23)	CO-Convener	18-12-2023 to 23-12-2023

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

S.No.	Name of the event	Organized by	Dates
1.	Conference on Graph connections	Cochin University of Science & Technology	28-01-1998 to 31-01-1998
2.	National Seminar in Number Theory and its Applications	Sri Venkateswara University, Tirupati	22-03-2001 to 24-03-2001
3.	Refresher Course in Coding Theory, Cryptography and Discrete Mathematics	Punjab University, Chandigarh	2-12-2002 to 14-12-2002

4.	STTP on "Theory of Computer Science"	Bapatla Engineering College	22-11-2004 to 27-11-2004
5.	National SEMINAR ON Number "Graph Theory and Algorithms"	Kongu Engineering College, Erode	7-03-2007 to 9-03-2007
6.	Two day National seminar on "Recent Advances in Mathematics and Computer Science-Applications in Technology, Cryptography, Quality and Buisness(RAM-2014)"	V.R. Siddhartha College of Engineering College (Autonomous), vijayawada	25-04-2014 to 26-04-2014
7.	Workshop on Intellectual Property and Innovation and Management	Bapatla Engineering College, Bapatla	31-08-2018 to 1-09-2018
8.	Three day FDP on "Machine learning Using Python"	Bapatla Engineering College, Bapatla	15-11-2018 to 17-11-2018
9.	Hands-on 2-Day Workshop on Statistical Data Analysis Using R	VIT-AP,Amaravathi	8-12-2018 to 9-12-2018
10.	One day FDP on Methodologies for Generating Revenue Through Research With Patents	Bapatla Engineering College, Bapatla	30-01-2019
11.	5 Days online International FDP on "Online Teaching Tools for Video Lecturing and digital e-Learning	Sir CR Reddy College(Aided& Autonomous)	4-05-2020 to 8-05-2020
12.	One week National Online FDPon ICT Tools for Effective Teaching Learning	Swami Ramanand Teerth Marathwada University , Nanded	11-5-2020 to 16-5-2020
13.	One week National level FDP and Online Training on "SCILAB- An Open Source Substitute for MATLAB"	Jointly Organized by JNTUH College of Engineering, Sultanpur, Sangareddy and Spoken Tutorial project IIT Bombay	25-05-2020 to 30-05-2020
14.	One week Online FDP on "Taxonomy of Softwares Related to Mathematical Sciences"	Gokaraju Rangaraju Institute of Engineering and Technology(Autonomous), Hyderabad	9-06-2020 to 14-06-2020
15.	Five day National Webinar on "Simulink an overview"	Data Teach Labs	25-06-2020 to 30-06-2020
16.	OnlineWorkshop on Universal Human Value on the theme "Inculcating Universal Values in Technical Education"	AICTE	10-08-2020 to 14-08-2020

17.	AICTE sponsored One week Online STTP on “Integral Transforms and Their Applications(ITTA-2020)”	Shri Vishnu Engineering College for women (autonomous), Bhimavaram	30-11-2020 to 5-12-2020
18.	Three day National level workshop on “Outcome based Education and Examination Reforms”	IQAC, Bapatla Engineering College, Bapatla	3-05-2022 to 5-05-2022
19.	International Conference on Advances & applications in Mathematical Sciences	Andhra Loyola College(Autonomous) Vijayawada	14-03-2023 to 16-03-2023
20.	UGC Sponsored Two day National conference on “Advances in Mathematical Sciences and its Applications” (NCAMSA-2023)	Acharya Nagarjuna University	17-03-2023 to 18-03-2023
21.	One week International FDP on “Mathematics in Real, applied and Computational Domains”	Satyabhama Institute of Science and Technology, Chennai	3-07-2023 to 28-07-2023
22.	Five day Faculty Orientation program on “C Programming”	Bapatla Engineering College	24-07-2023 to 8-07-2023
23.	A Five day International FDP on “Applications of Mathematics in Various Fields with innovative Approaches”(AMVFIA-23)	Bapatla Engineering College	21-11-2023 to 25-11-2023

#### Awards/recognitions/achievements

S.No.	Name of the Award	Awarding body/Society/Organization	Year
1.	University Fellowship	Sri Venkateswara University	1994-95
2	Nation Builder Award 2023	Rotary India Literacy Mission	2023

#### 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.	Examination Officer	2002-2014
4.	M1 Subject Coordinator	2014-2015
5.	¼ B.tech Coordinator	2010-15
6.	Incharge HOD	2015-17
7.	HOD	July 2017 to July 31, 2023
8.	MFDS Subject Coordinator	2021- till date

### Research credentials

Index/database	ID/Link
Google Scholar	<a href="https://scholar.google.com/citations?hl=en&amp;user=MHP9JpcAAAAJ&amp;view_op=list_works&amp;sortby=pubdate">https://scholar.google.com/citations?hl=en&amp;user=MHP9JpcAAAAJ&amp;view_op=list_works&amp;sortby=pubdate</a>
SCOPUS	57220024296
Web of Science	HHS-8256-2022
Vidwan ID	324096

### Any other relevant information

1. Life membership in **Andhra Pradesh & Telangana Society for Mathematical Sciences(APTSMS)**  
(Member ship Number: 979)

2. Life membership in **Engineering Mathematics Teachers Society, India (EMTSI)**

(Membership NO: LMA 088)

(Dr. P.Vijaya Saradhi)

(02-01-24)