FACULTYPROFILE

Nameofthe Faculty:	**Pavuluri Vijaya Saradhi**
Designation:	**Professor**
Department:	**Mathematics**
Dateof Birth:	**30-08-1971**
AICTE– ID:	**1-428150642**

Education	• B.Sc (MSP) from Nagarjuna University/Andhra Loyola College (Autonomous) in 1991. • M.Sc in Mathematics from Annamalai University, Tamilnadu in 1993. • M.Phil in Mathematics from Sri Venkateswara University, Tirupati in 1996. • P.hd in Mathematics from Sri Venkateswara University, Tirupati in 2000.

Experience	Teaching:27Years	Industry:NIL	**Total:27Years**
	Research: 20Years	Others:NIL	

ResearchSpecialization	**Graph Theory**

Courses taught	1.Linear Algebra &Ordinary Differential Equations 2. Numerical Methods &Advanced Calculus 3. Probability &Statistics 4.Complex Variables &Special Functions 5. Mathematical Foundations for Data Science 6. Operations Research 7. Discrete Mathematics 8. Algebra 9. Galois Theory 10. Real Analysis 11. Topology 12. Functional Analysis 13. Ordinay Differential Equations 14. Partial Differential Equations 15. Graph Theory 16. Near Rings 17. Operator Theory 18. Number Theory 19. Automata Theory and formal Languages 20. Complex Analysis

Research contributions

International/national peer reviewed journals

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 Volume	2008	23	169-175	-
3	Graph witth 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

Bookspublished

S. No.	Title of the book	Publisher	year
1			

Book chaptersPublished

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

Details ofPatents(Filed&Granted)

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

Details of Conferences/FDPs/STTPs/webinars/WorkshopsOrganized

S.No.	Name of the event	Role	Dates
1	Workshop on "linear Regression Analysis"	Organiser	25-10-2019 to 26-10-2019.

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 Buisiness(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 t0 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,	25-05-2020 to 30-05-2020

S.No.		Sultanpur, Sangareddy and Spoken Tutorial project IIT Bombay	
14.	One week Online FDP on "Taxonomy of Softwares Related to Mathematical Sciences"	Gokaraju Rangaraju Institute of Engineering and Technology(Autonom ous), 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

Awards/recognitions/achievements

S.No.	Name of the Award	Awarding body/Society/Organization	Year
1.	University Fellowship	Sri Venkateswara University	!994-95

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
2.	Chief superintendent for PG Exams	2011-2014
3.	II M.Sc Coordinator	2005-2015
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	https://scholar.google.com/citations?hl=en&user=MHP9JPcAAAAJ&view_op=list_works&sortby=pubdate
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)

(14-09-23)