

FACULTY PROFILE

Name of the Faculty:		I POTHURAJU				
Designation:		Assistant Professor				
Department:		Mathematics				
Date of Birth:		19-05-1982				
AICTE – ID:		1-721931968				
Education		<ul style="list-style-type: none"> • B.Sc in Maths, Physics, Chemistry with First class from Bapatla College of Arts and Science, Nagarjuna University in 2002. • MBA in Marketing and Finance from Andhra University in 2004. • M.Sc in Mathematics in First class with Distinction from Acharya Nagarjuna University in 2011. • M.Phil in Operations Research awarded in 2016 from Himalayan University. • Pursuing Ph.D in Mathematics at Vignan's Foundation for Science, Technology and Research (VFSTR), (Deemed to be University). 				
Experience		Teaching: 14 Years	Industry: 0	Total: 14 Years		
		Research: 5 Years	Others: NIL			
Research Specialization		Operations Research, Mathematical Ecology.				
Courses taught		<ul style="list-style-type: none"> • Engineering mathematics I, Engineering mathematics II, Engineering mathematics III, Engineering mathematics IV, Probability and Statistics, Linear Algebra and ODE, Numerical Methods & Advanced Calculus, Complex Analysis, Differential Equations, Partial Differential Equations, Operations Research and Advanced Discrete Mathematics. 				
Research contributions						
International/national peer reviewed journals						
S. No.	Title of paper	Journal	Year	Volume	pages	Indexing (SCI/WoS/SCOPUS, Google scholar)
1	Highly Correlated Wiener Polarity Index -A Model to Predict Log p	International Journal of Scientific and Innovative Mathematical Research	2013	Vol.1, Issue.2	144-149	Google scholar
2	Geometric Progression in Operations Research (PERT) –A Special Case	International Journal of Scientific and	2014	Vol. 2, Issue 1	83-93	Google scholar

	Study	Innovative Mathematical Research (IJSIMR)				
3	A Peculiar Case In Game Theory - A Computational Study	International Journal of Scientific and Innovative Mathematical Research (IJSIMR)	2014	Vol. 2, Issue 3	269-280	Google scholar
4	Harmonic Progression on Huge Networks – A Scientific Approach with Computational Study on Case (I)	International Journal of Scientific and Innovative Mathematical Research (IJSIMR)	2014	Vol. 2, Issue 12	989-998	Google scholar
5	A Special case in Network – G.P on optimistic time estimate	Acta Ciencia Indica	2014	Vol. 40, No.3	315-321	UGC Approved
6	A Complete Study on a Substantial Ecological Model	Annals of the Romanian Society for Cell Biology	2021	Vol. 25, Issue 1	1835 - 1844	Scopus
7	Impact of Diffusion on a Special Ecosystem	Annals of the Romanian Society for Cell Biology	2021	Vol. 25, Issue 1	1845 - 1852	Scopus
8	A Mathematical Model of a Three-Species Ecosystem Exhibiting Complex Ammensalism and Commensalism Interactions	Proceedings of the International online Conference on Advancing Innovations Through Mathematics (AITM-2025)	2025	Issue 1	152-163	-

Books published

S. No.	Title of the book	Publisher	year
1	Authored a book ‘The Influences of Progressions (GP&HP) on PERT & Some Special Cases in Game Theory, Co-author: Dr. K. V. L. N. Acharyulu.	International Research Publication House, ISBN: 978-93-87388-29-1.	2019

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	A two day 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)”.	Organiser	18-12-2023 to 23-12-2023
3	A One Week online International Work Shop on Mathematics- Bridging Ideas and Innovations(MBII-2024)	Organiser	16-12-2024 to 21-12-2024
4	A One Week online International Work Shop on Mathematics- Bridging Ideas and Innovations(MBII-2024)	Coordinator	15-12-2025 to 20-12-2025

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

S.No.	Name of the event	Organized by	Dates
1	Three Day Short Term Training Program on “Office Automation”.	Department of Computer Science & Engineering of Bapatla Engineering College.	08-01-2018 to 10-01-2018.
2	Six Day Short term training Programme (STTP) on “Statistics with R Programming”.	Sponsored by All India Council for Technical Education (AICTE), New Delhi Organized by Department of	24-06-2019 to 29-06-2019.

		Computer Science and Engineering of NEC.	
3	Two day Faculty Development Program on “Linear Regression Analysis”.	Department of Mathematics of Bapatla Engineering College.	25-10-2019 to 26-10-2019.
4	Online Webinar on “Mathematica & Applications of Mathematics”.	Department of Applied Sciences, Mathematics and Humanities, Pillai College of Engineering, New Panvel, Maharashtra.	27-06-2020 to 29-06-2020.
5	Two Day Online FDP on “Applications of Mathematics in Engineering”.	Department of Mathematics & Humanities, Mahatma Gandhi Institute of Technology (MGIT), Hyderabad.	03-07-2020 to 04-07-2020.
6	One-Week National Level Online Faculty Development Programme on “Professional Documentation using LATEX”.	Department of Electronics and Communication Engineering in association with Institution of Electronics and Telecommunication Engineers (IETE), Shimoga Centre.	13-07-2020 to 18-07-2020.
7	Six Day Faculty Development Programme on “Applications of Mathematics in Engineering”	Department of Mathematics, KPRIET.	20-07-2020 to 25-07-2020.
8	Online workshop on Universal Human Value on the theme “Inculcating Universal Human Values in Technical Education” during 10-14 August, 2020 as organized by	All India Council for Technical Education (AICTE).	10-08-2020 to 14-08-2020
9	Five - Day FDP on “Applications of Mathematics and Statistics in Engineering”(AMSE-2020), 23rd-27th Nov, 2020 organized by the	Department of Mathematics, Malla Reddy Engineering College (Autonomous), Secunderabad.	23-11-2020 to 27-11-2020.
10	Two day National level online seminar on “Quality Improvement via	Internal Quality Assurance Cell	28-06-2021 to

	Accreditation and Ranking”	(IQAC) - Bapatla Engineering College.	29-06-2021
11	Two day workshop on Research Methodologies and Scientific Publishing	Bapatla Engineering College, Bapatla.	28-10-2022 to 29-10-2022
12	Five Day National Level Online FDP on Effective Pedagogy for Science.	Departments of Physics and Mathematics, JMJ College for Women (Autonomous), Tenali.	29-11-2022 to 03-12-2022
13	Five day online Faculty Development Program on “Applications of Mathematics in Applied Sciences and Engineering	GMR Institute of Technology-Rajam & National Institute of Technology-Warangal.	30-01-2023 to 03-02-2023.
14	Five - Days National Seminar on Emerging Trends in Intelligent Computing.	School of Computer Science and Engineering, VIT-AP University, Amaravati.	14-03-2023 to 18-03-2023.
15	One Week International Faculty Development Programme on "Mathematics in Real, Applied and Computational Domains".	Department of Mathematics, School of Science and Humanities, Sathyabama Institute of Science and Technology, Chennai.	03-07-2023 to 08-07-2023.
16	One Week Faculty Development Programme on Artificial Intelligence and its Applications	Department of Computer Science and Engineering, Chalapathi Institute of Technology, Guntur	03-07-2023 to 08-07-2023
17	One Week Online FDP on "Mathematical Modeling and Computation in Engineering"	Department of Science and Humanities at SRM Institute of Science and Technology, Delhi-NCR Campus, Ghaziabad, U.P.	24-07-2023 to 30-07-2023
18	Five Day Online FDP on "Advanced Natural Language Processing"	Department of Computer Science and Engineering , Bapatla Engineering College, Bapatla	3-10-2023 to 7-10-2023

19	2 Day FDP on "Scientific Contribution of Academic Institutions in the Development of IPR"	Bapatla Engineering College, Bapatla	9-10-2023 to 10-10-2023
20	A Five day International FDP on "Applications of Mathematics in Various Fields with Innovative Approaches"	Department of Mathematics, Bapatla Engineering College, Bapatla	21-11-2023 to 25-11-2023
21	FDP on " Exploring New Horizons in Mathematical Research"	PG Research department of Mathematics, V.O Chidambaram College, Thoothukudi.	19-08-2024 to 24-08-2024
22	One week International FDP on "Innovative applications of Mathematics"	Department of Mathematics, Bapatla Engineering College, Bapatla	18-11-2024 to 23-11-2024
23	International FDP on "Working with Emotional Intelligence and Life Skills Management"	Department of English, Bapatla Engineering College, Bapatla	02-12-2024 to 06-12-2024
24	Five day online FDP on "Algebra , Analysis and Number theory"	Department of Mathematics, SRM University, AP	16-12-2024 to 20-12-2024
25	Three-Day International Online Conference on Advancing Innovations Through Mathematics (AITM–2025)"	Department of Mathematics in association with Institution's Innovation Council (IIC), BEC, Bapatla	08-09-2025 to 10-09-2025
26	A Five day International Faculty Development Programme on "Innovative Applications of Mathematics in Real World Challenges"	Department of Mathematics, NPSBCET, Chennai.	15-09-2025 to 19-09-2025
27	One Week International Faculty Development Program on "Innovative Applications of Mathematics (IAM-2025)"	Department of Mathematics in association with Institution's Innovation Council (IIC), BEC, Bapatla	17-11-2025 to 22-11-2025

Awards/recognitions/achievements

S.No.	Name of the Award	Awarding body/Society/Organization	Year
1	Best Teacher Award(2022-23)	Bapatla Engineering College	15-09-2023

Details of project proposals submitted/sanctioned/completed

S.No.	Title of the Project	Funding body	Submitted /	Amount	Year/ durati
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				Sanctioned/Completed		on
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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	Time Table Coordinator	2016 to till date
2	NAAC Criteria-VI Coordinator	2020 to till date
3	Examination Officer	2021 to till date
4	Malpractice Prevention Squad Member	2021 to till date
5	BECAP Coordinator	2023 to till date
6	CIE Processing Coordinator	2023 to till date
7	NMAC Subject Coordinator	2023 to till date
8	International Work Shop Coordinator	2023 to till date
9	Alumni Affairs/Stakeholders Meetings Committee Coordinator	2016 to till date
10	Disciplinary Committee Member	2020 to 2024
11	Sports Committee Member	2016 to 2022
12	Class Coordinator	2012 to 2022

Research credentials

Index/database	ID/Link
Google Scholar	https://scholar.google.com/citations?user=jv-0L_oAAAAJ&hl=en
Scopus	-
Web of Science	-
Vidwan ID	https://vidwan.inflibnet.ac.in/profile/324105

Any other relevant information : Nil

I. Pothuraju
28-02-2026