

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 Pydah College, Andhra University in 2004. • M.Sc in Mathematics in First class with Distinction from Bapatla Engineering College, Acharya Nagarjuna University in 2011. • M.Phil in Operations Research awarded in 2016 from Himalayan University. 					
Experience		Teaching: 12 Years	Industry: 0	Total: 12 Years			
		Research: 5 Years	Others: NIL				
Research Specialization		Operations Research, Graph Theory, 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 and Discrete Mathematics. • Differential Equations, Partial Differential Equations, Linear Programming, Operations Research, Measure Theory 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 Study	International Journal of Scientific and Innovative Mathematical Research (IJSIMR)	2014	Vol. 2, Issue 1	83-93	Google scholar
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

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.

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 Computer Science and Engineering of NEC.	24-06-2019 to 29-06-2019.
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 Accreditation and Ranking”	Internal Quality Assurance Cell (IQAC) - Bapatla Engineering College.	28-06-2021 to 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,	14-03-2023 to 18-03-2023.

		Amaravati.	
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 Online FDP on "Mathematical Modelling 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.

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 / 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	Time table In-Charge	2016 to till date
2	NAAC Criteria-6 Coordinator	2020 to till date
3	Class Coordinator	2012 to till date
4	Examination Officer	2021 to till date
5	Alumni Affairs/Stakeholders Meetings Committee Coordinator	2016 to till date
6	Disciplinary Committee Member	2020 to till date
7	Sports Committee Member	2016 to till date

Research credentials

Index/database	ID/Link
Google Scholar	-
SCOPUS	-
Web of Science	-
Vidwan ID	324105

Any other relevant information : Nil

I. Pothuraju
16-09-2023