


## **FACULTY PROFILE**

Name of the Faculty:	<b>I POTHURAJU</b>					
Designation:	<b>Assistant Professor</b>					
Department:	<b>Mathematics</b>					
Date of Birth:	<b>19-05-1982</b>					
AICTE – ID:	<b>1-721931968</b>					
<b>Education</b>	<ul style="list-style-type: none"> <li>B.Sc in Maths, Physics, Chemistry with First class from Bapatla College of Arts and Science, Nagarjuna University in 2002.</li> <li>MBA in Marketing and Finance from Pydah College, Andhra University in 2004.</li> <li>M.Sc in Mathematics in First class with Distinction from Acharya Nagarjuna University in 2011.</li> <li>M.Phil in Operations Research awarded in 2016 from Himalayan University.</li> </ul>					
<b>Experience</b>	Teaching: 12 Years	Industry: 0	<b>Total: 12 Years</b>			
	Research: 5 Years	Others: NIL				
<b>Research Specialization</b>	Operations Research, Graph Theory, Mathematical Ecology.					
<b>Courses taught</b>	<ul style="list-style-type: none"> <li>Engineering mathematics I, Engineering mathematics II, Engineering mathematics III, Engineering mathematics IV, Probability and Statistics, Linear Algebra and ODE, Numerical Methods &amp; Advanced Calculus, Complex Analysis and Discrete Mathematics.</li> <li>Differential Equations, Partial Differential Equations, Linear Programming, Operations Research, Measure Theory and Advanced Discrete Mathematics.</li> </ul>					
<b>Research contributions</b>						
<b>International/national peer reviewed journals</b>						
<b>S. No.</b>	<b>Title of paper</b>	<b>Journal</b>	<b>Year</b>	<b>Volume</b>	<b>pages</b>	<b>Indexing (SCI/WoS/ SCOPUS, Google scholar)</b>
<b>1</b>	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	<b>Google scholar</b>

<b>2</b>	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	<b>Google scholar</b>
<b>3</b>	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	<b>Google scholar</b>
<b>4</b>	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	<b>Google scholar</b>
<b>5</b>	A Special case in Network – G.P on optimistic time estimate	Acta Ciencia Indica	2014	Vol. 40, No.3	315-321	<b>UGC Approved</b>
<b>6</b>	A Complete Study on a Substantial Ecological Model	Annals of the Romanian Society for Cell Biology	2021	Vol. 25, Issue 1	1835 - 1844	<b>Scopus</b>
<b>7</b>	Impact of Diffusion on a Special Ecosystem	Annals of the Romanian Society for Cell Biology	2021	Vol. 25, Issue 1	1845 - 1852	<b>Scopus</b>

#### Books published

<b>S. No.</b>	<b>Title of the book</b>	<b>Publisher</b>	<b>year</b>
<b>1</b>	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.	<b>2019</b>

#### Book chapters Published

<b>S.No.</b>	<b>Title of the Chapter</b>	<b>Book title</b>	<b>Publisher</b>	<b>year</b>
<b>1</b>	-	-	-	-

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

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

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

<b>S.No.</b>	<b>Name of the event</b>	<b>Role</b>	<b>Dates</b>
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**

<b>S.No.</b>	<b>Name of the event</b>	<b>Organized by</b>	<b>Dates</b>
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	Department of	13-07-2020 to

	Faculty Development Programme on “Professional Documentation using LATEX”.	Electronics and Communication Engineering in association with Institution of Electronics and Telecommunication Engineers (IETE), Shimoga Centre.	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, 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 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**

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

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

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

#### **Consultancy contribution**

<b>S.No.</b>	<b>Year</b>	<b>Amount</b>	<b>Details</b>
1	-	-	-

#### **Student Project/research guidance**

<b>S.No</b>	<b>Level</b>	<b>Total number</b>
1	UG	Completed: - Ongoing: -
2	PG	Completed: - Ongoing: -
3	PhD	Completed: - Ongoing: -

**Administrative experience**

<b>S.No.</b>	<b>Role</b>	<b>Duration (From – to)</b>
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**

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

**Any other relevant information : Nil****I. Pothuraju  
16-09-2023**