

Dr. B.Pardha saradhi. , MSc, MPhil. Ph.D.

## Curriculum Vitae

**Dr. B. PARDHA SARADHI**  
MSc (Mathematics), MPhil. Ph.D.



**Address:** Door no. 37-6-75/1/6  
Sri Vamsi enclave. Manchu Konda tota  
Industrial Estate post, Visakhapatnam-530007.

**Mobile No :+91-9490601144**

**Email Id:** [pardhu07@gmail.com](mailto:pardhu07@gmail.com), [dr.pardhasaradhibehara@gmail.com](mailto:dr.pardhasaradhibehara@gmail.com).

**DoB:** 25-06-1979 **Gender:** Male

## Profile Summary

A seasoned professional with 20years of experience in Research, Teaching, Counselling, Mathematics. Holds a Doctorate of Philosophy in Engineering Mathematics, Master of Philosophy (Mathematics) with a proven record of delivering results with utmost commitment and zeal.

## Carrer Objective

Seeking for a quality and productive environment where my knowledge can be shared and enriched while enhancing Organizational efficiency. I look forward to enhance my skills by undertaking challenges that can augment my career and knowledge.

## Professional Work Experience

**Senior Assistant Professor    June 2018 to till date.**

Dr. Lankapalli Bullayya College of Engineering, Visakhapatnam.

- Taught Engineering mathematics subjects to students and professionals by using contemporary pedagogy.
- Checked quality parameters to maintain continuous improvement culture in academics and administration.
- Responsible to collect, maintain and provide data for reputed accreditations and affiliations.
- Attended to department inspections to check data authentication.
- Provided training to people on Mathematics development.
- Counseled people to use their skills and knowledge at complete level.

- Designed and provided value add on courses according to the industrial needs.
- Examined research gaps, conduct surveys and analysis, draw findings and publish.
- Present papers in conference and seminars, and published mathematics books as per university prescribed syllabus

**HoD and Senior Assistant Professor July 2019 to till date.**

Dr. Lankapalli Bullayya College of Engineering, Visakhapatnam

- Taught Engineering Mathematics subjects to students and professionals.
- Handled administration works and leading team toward objectives.
- Maintained effective communication and co-ordination with colleagues and other departments to reach organizational goals timely.
- Continuous interaction with research experts to bridge the gap.
- Active participant in management decision making to enhance organization efficiency.
- Conducted development programmes and guest lectures.
- Provided counselling, mentoring and project guidance

**Assistant Professor and Class Coordinator July 2012 to Dec. 2018**

Dr. Lankapalli Bullayya College of Engineering, Visakhapatnam

- Program coordinator to academics, activities
- Taught Engineering mathematics subjects to students and professionals

**Assistant Professor June 2012 to Apr. 2018**

Dr. Lankapalli Bullayya P.G College, Visakhapatnam.

- Taught Engineering mathematics subjects to students and professionals
- Examined research areas to conduct survey, analysis .
- Handled student engagement, mentoring, counselling and project guidance

**Assistant Professor June 2009 to 2012**

Wellfare institute of science and technology Visakhapatnam.

- Taught Engineering mathematics subjects to students and professionals
- Examined research areas to conduct survey, analysis.
- Handled student engagement, mentoring, counselling and project guidance

**Lecturer Dec2003 to 2009**

Dr. Lankapalli Bullayya Degree College, Visakhapatnam

- Taught Bachler of Degree subjects Mathematics to the students
- Examined research areas to conduct survey, analysis .
- Handled student engagement, mentoring, counselling and project guidance

**Lecturer Dec2002 to 2003 Nov**

Dr. Lankapalli Bullayya Degree College, Visakhapatnam

- Taught Bachler of Degree subjects Mathematics to the students
- Examined research areas to conduct survey, analysis.
- Handled student engagement, mentoring, counselling and project guidance

## Teaching Experience

Dec2003-till to date

- Secured 20 years of teaching experience under graduation, post-graduation and Humanities and Basic sciences.

## Subject Taught

- Engineering Mathematics-1, Engineering Mathematics-II, Engineering Mathematics-III Engineering Mathematics-IV.
- Algebra, Real Analysis, Complex Analysis, Differential Equations, Partial Differential Equation, Group theory, Numerical Analysis, Special Functions, Discrete Mathematical Structure

## Key Competence and Skills

- Teaching, Research, Administration, Leadership, Presentation and Communication, Quality Assurance, Team Management, Project Work, Data Analysis, Motivation, Interpersonal, Decision Making, and Counselling and Guidance.

## Educational Qualifications

### Doctor of Philosophy (Ph.D) Degree Award 2010-2017

JNTUK , Kakinada Andhra Pradesh, India

**Pre Ph.D** ( 65%)

**Master of Philosophy (MPhil)** ( 68.5%)

**Master of Science in Mathematics (Msc)(61%) 2000-2002**

Dr.Lanka palli Bullayya Pg College Affiliated to Andhra University, Visakhapatnam, Andhra Pradesh, India

**Bachelor of Science (Mathematics, physics and Chemistry), (61%) 1997-2000**

Pydha College, Affiliated to Andhra University, Visakhapatnam, India

## Technical Expertise

- Microsoft office Word, PowerPoint, Excel,
- Math type, Maple.

## Accolades

- 2017: Achieved Doctor of Philosophy (Ph.D) Degree Award
- 2008: Achieved Master of Philosophy (Mphil) Degree Award

## Area Of Research

- In Operation research, Fuzzy Critical Path Methods. Thesis Title : Critical Path Methods For Project Networks in Fuzzy Environment

## Research Publications

1. **Pardha Saradhi, B., N. Ravi Shankar, and Ch Suryanarayana.** Novel Distance Measure in Fuzzy TOPSIS for Supply Chain Strategy Based Supplier Selection. Mathematical Problems in Engineering 2016. **Impact Factor: 0.644** (Thomson Reuters, 2016) Abstracting/Indexing: Science Citation Index (SCI), Scopus

2. **Shankar, N. Ravi, B. Pardha Saradhi, and S. Suresh Babu.** Fuzzy critical path method based on a new approach of ranking fuzzy numbers using centroid of centroids. International Journal of Fuzzy System Applications (IJFSA) Vol.3, no. 2 ,2013,pp.16-31. **Impact Factor: 0.64** Abstracting /Indexing: **Scopus**
3. **Saradhi, B. Pardha, and N. Ravi Shankar.** Characteristics of a Fuzzy Project Network using Statistical Data. International Journal of Computer Applications Vol.112, no. 8, 2015. **Impact Factor:0.752**
4. **Madhuri, K., P. Saradhi, and N. Shankar.** "Fuzzy linear programming model for critical path analysis." Int. J. Contemp. Math. Sciences Vol.8, no. 2, 2013, pp. 93-116. **Journal Impact Factor: 0.165**
5. **Pardha Saradhi, B, N. Ravi Shankar, and Ch Suryanarayana.** Selection Of Critical Path In A Project Network Using Topsis Method." International Journal of Mathematical Archive, Vol.6, no. 10 ,2015. **Journal Impact Factor:4.091**
6. **Pardha Saradhi, B, N. Ravi Shankar.** fuzzy critical path based on interval valued linguistic fuzzy sets. International Journal of Mathematical Archive Vol.6, no.5,2015.**Journal Impact Factor: 4.091**
7. **Shankar, N. Ravi, and B. Pardha Saradhi.** Fuzzy critical path method in interval-valued activity networks. Int. J. Pure Appl. Sci. Technol Vol.3, no. 2 ,2011,pp.72-79.
8. **Pardha Saradhi, B, N. Ravi Shankar .** Fuzzy Distance measure'' Scholars Journal of Engineering and Technology (SJET) ISSN 2321-435X (Online) Sch. J. Eng. Tech., Vol.2,2014,pp.908-912.
9. **Pardha Saradhi B and Ravi Shankar N ,**Critical Path in a Project Network using TOPSIS Method and Linguistic Trapezoidal Fuzzy Number International Journal of Scientific & Engineering Research, Vol 6,no. 11, 2015.
10. **B.Pardha Saradhi,M.V. Madhuri,N.Ravi Shankar,**Ordering Of Intuitionistic Fuzzy Numbers Using Centroid Of Centroids Of Intuitionistic Fuzzy Number International Journal of Mathematics Trends and Technology– Volume 52 Number 5 December 2017 **Impact Factor: 2.53**
11. **S.V.J.S.S Rajesh ,B. Pardha Saradhi,** Alignment Modifications for the Link Canal by Adopting Remote Sensing and Verified by using MCDM (TOPSIS) Method,International Journal of Innovative Technology and Exploring Engineering,Volume-9 Issue-12, October 2020
12. **B. Pardha Saradhi, H.Ramesh, N.RaviShankar and Rijwan Shaik,** Hesitant Fuzzy Project Planning and Scheduling using Critical Path Technique. Turkish Journal of Computers and Mathematics Education, Vol.12.No.6, 5272-5286, April 2021. **Scopus, Impact Factor: 0.63**

13. **B. Pardha saradhi** ,, **T. S Viswanadham** ‘‘Applying Intuitionistic Fuzzy Linear Programming In The Analysis Of Project Networks’’IOSR Journal of Mathematics (IOSR-JM) e-ISSN: 2278-5728, p-ISSN: 2319-765X. Volume 19, Issue 3 Ser. 2 (May. – June. 2023), PP 32-45

## **Presentations in International/National Seminars/ Conferences**

Presented a paper entitled Fuzzy Critical path method based on new approach of ranking of fuzzy number using Centroid of Centroid. Department of mathematics, National Seminar on Recent Development in Mathematics, Sri Venkateswara University, Tirupati, December 22-23, 2011.

Presented a paper entitled Critical path in a fuzzy project Networking Topsis Method Department of Statistic (UGC-SAP-DRS-1&DST-FIST), International conference on Operation Research (Theme: OR FOR BIG DATA & ANALYTICS), ORSI-TIRUPATI CHAPTER, Sri Venkateswara University, Tirupati, December 1-3, 2014.

Participated National Conference on Recent developments in Mathematics And applications, Conducted by Department of Mathematics A.U.

Participated in National Conference on Mathematical Sciences & Engineering Applications Conducted by Baba institute of technology and Science. 10<sup>th</sup>, 11<sup>th</sup> of March 2012.

Participated in work shop on ALGEBRA AND ANALYSIS conducted on 24-3-2008 Department of Mathematics Gayatri Vidya Peeth Degree College

Participated in work shop on ‘‘New Paradigms of Mathematical Modeling and Its Applications to Engineering Technology’’ on 27 March 2014 conducted by Department of B&H JNTUK, Vizianagaram

Participated in National webinar on NAAC CRITERION III RESEARCH, INNOVATIONS AND EXTENSIONS dated 30 December 2020

Participated in two days National E- seminar on FUZZY SET THEORY AND ITS APPLICATIONS conducted by GITAM dated 22, 23 December 2020

## **Research Supervisor**

- Acting as a **Research Guide** in Department Engineering Mathematics in Dr. Lankapalli Bullayya College of Engineering, Affiliated to Andhra University.
- No. of Ph. D Students Completed/**Ongoing** : 2 Ph. D Scholars
- Acting as an **Evaluator** in 25th **National Children Science Congress-2017** organized on Dt. 10 Nov 2017, Visakhapatnam District, Andhra Pradesh.

- Acting as an **Evaluator** in District level **Inspire Science Exhibition-2018**, department of school education Visakhapatnam.

## Patents

- **CRITICAL PATH METHODS FOR PROJECT NETWORKS IN FUZZY ENVIRONMENT - Application Number: 202341005205** Published Date 24-02-2023
- **A system and method for fuzzy mathematics in predictive maintenance, Number: 202341007879** Published Date 24-02-2023

## Text book

- Text book of Concept Engineering Mathematics ,R.k Publications,ISBN978-81-961938-1-2
- Text book of Numerical methods and Analysis ,R.k Publications,ISBN978-93-95331-94-4
- Text book of Differential Equations ,R.k Publications,ISBN978-81-19140-18-3

## Declaration

I hereby declare that the above information furnished is true and correct to the best of my knowledge.  
Place: Visakhapatnam

*Dr. Pardha Saradhi*

(Dr. Pardha saradhi Behara)