

## CURRICULUM VITAE

**Dr. B. PALPANDI**  
**Assistant Professor**  
**Department of Mathematics**  
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➤ **Research Area:**

- Fuzzy sets, soft sets
- Fuzzy queues
- Applied Mathematics

➤ **Educational Qualifications:**

<b>Qualification</b>	<b>College/University</b>	<b>Year of completion</b>
Ph.D. (Mathematics)	Anna University, Chennai	2015
M.Phil.(Mathematics)	School of Mathematics,. Madurai Kamaraj University,Madurai	2006
M.Sc.,(Mathematics)	C.P.A.College, Bodinayakanur	2005
B.Sc., (Mathematics)	C.P.A.College, Bodinayakanur	2003

**Experience:**

<b>Name of Company / Institutions</b>	<b>Designation of Post</b>	<b>From</b>	<b>To</b>	<b>Experience in Year</b>
University College of Engineering, Tiruchirappalli	Assistant Professor	15-09-2009	Till Date	14 years
Anna University,	Lecturer	01-09-2008	14-09-2009	1 Year 13 days

Tiruchirappalli				
Anna University, Tiruchirappalli	Teaching Research Associate	16-08-2007	31-08- 2008	1 Year 16 days
Seethaiammal Engineering College ,Sivagangai	Lecturer	02-07-2007	14-08- 2007	1 month 13 days
Parvathy's Arts and Science College, Dindigul.	Lecturer	24-05-2006	21-05- 2007	11 month 28 days



➤ **Additional / Academic Responsibilities at University:**

1. First Year Additional Co-ordinator (2017-2022)
2. Anti Ragging Committee Member (2016-2022)
3. Executive Committee Member -Cooperative Store(2015-till date)
4. NATS -MHRD - Coordinator-Placement Cell (2019-till date)
5. NBA institute specific files committee member(2015-2022)

➤ **Membership of Scientific and Professional Societies:**

1. ISTE Life Time Member

➤ **Publications:**

**a. International Journals:**

1. R. Gandhiraj, and B. Palpandi. "Development of Fuzzy Logic-Based Speed Control of Novel Multilevel Inverter-Fed Induction Motor Drive." Applied Mathematics & Information Sciences An International Journal 12 (2018): 745-752.
2. Palpandi, B. Surya Praba Devi,G "Design of Fuzzy Logic Controller for QoS Optimization in Mobile Ad-Hoc Networks (MANETs)." Global Journal of Pure and Applied Mathematics (GJPAM) 12.1: 2016.
3. Geetharamani, G., B. Palpandi, and J. Pandian. "System performance measures analysis for heterogeneous computing network using fuzzy queue." Indian Journal of Research 3.5 (2014): 153-159.

4. Palpandi, B, Geetharamani, G & Arun Pandian, J 2014, 'Performance Enhancement in OSI Network Model using Fuzzy Queue', Indian Journal of Applied Research, vol.4, no.4, pp.377-386.
5. Palpandi, B., and G. Geetharamani. "Computing performance measures of fuzzy non-preemptive priority queues using robust ranking technique." Applied mathematical sciences 7.102 (2013): 5095-5102.
6. Palpandi, B., and G. Geetharamani. "Evaluation of performance measures of bulk arrival queue with fuzzy parameters using robust ranking technique." International Journal of Computational Engineering Research 3.10 (2013): 53-57.
7. Palpandi, B, Geetharamani, G & Sreen Fathima, A 2013, 'Quality of Service Optimization in MANET using fuzzy queues', International Journal of Application or Innovation in Engineering & Management, vol.2, no.12, pp.210-216.

➤ **List of Seminar / Short Term Course /FDP/ Workshop organized:**

- Organized One Week Faculty Development Programme on RECENT TRENDS IN MATHEMATICS , 2013

➤ **List of Seminar / Short Term Course /FDP/ Workshop attended:**

- Twelve Week Ministry of HRD Govt. of India sponsored Nptel Swayam Faculty Development Programme on "Introduction to Queueing Theory" conducted by NPTEL – AICTE from 24.01.2022 to 15.04.2022.
- Five days Faculty Development Programme on "Inculcating Universal Human Values in Technical Education" conducted by AICTE, from 20.12.2021 to 24.12.2021.
- Two-week Refresher course in Mathematics conducted by Ramanujan College in association with MHRD (MoE) from 16.03.2021 to 30.03.2021.
- Online FDP on Advanced optimization techniques and hands on with MATLAB/SCILAB from 13.07.20-24.07.20
- Three Week Industrial Training Programme on "Basic Science and Communication " RGMTTC, BSNL, TN-Circle, Chennai from 18.05.2020 to 05.06.2020.

- One Week Faculty Development Programme on “MA8151-Engineering Mathematics I” at University College of Engineering Dindigul from 17.06.2019 to 22.06.2019.
- Twelve Week Ministry of HRD Govt. of India sponsored Nptel Swayam Faculty Development Programme on “Ordinary and Partial Differential Equations” conducted by NPTEL – AICTE from 30.07.2018 to 21.10.2018.
- Enhancing Classroom Communication, Faculty Development Programme, 18th to 31st July, 2016, Department Of English, BIT Campus, Anna University, Tiruchirappalli.
- Probability And Random Processes from 5 th to 6th March, 2016, Anna University BIT Campus, Tiruchirappalli.
- One Day TEQIP – II Sponsored course on “Faculty Development Programme” at Anna University BIT Campus, Tiruchirappalli on 01.03.2016.
- Advanced Training Programme In Mathematical Analysis, 5 th to 8th August ,2015 ,Bharathidasan University Tiruchirappalli.
- Emerging Trends in Mathematical Modelling and Simulation, Faculty Development Programme, 8 th to 14th May, 2015, Anna University, BIT Campus, Tiruchirappalli.
- Bridge Course On Mathematics/Physics/English from 20th to 21st June, 2014, Anna University, Chennai
- Differential Equations And Applications from 5 th to 6th December, 2013, Anna University BIT Campus, Tiruchirappalli.
- Probability And Random Processes from 15th to 19th July, 2013, Anna University, Chennai.
- Orientation Programme from 15th Nov to 12th ,2012, to Bharathidasan University, Tiruchirappalli.

➤ **National / International Conferences organized / Participated:**

- Organized TEQIP-II Sponsored International Conference on “Trends and Innovation in Chemical and Pharmaceutical Technologies”(TICPT’17)
- Organized TEQIP-II Sponsored National Conference on “Computational Intelligence and Fuzzy System”, January 2015
- Paper presented on International Conference on Theoretical Computer Science and Discrete Mathematics held during 02-04 December 2021 organized by the Department of Mathematics, Sri Sivasubramaniya Nadar College of Engineering, Chennai, Tamil Nadu, India.

**Guest lectures delivered:**

- Guest speaker in one day Webinar on 10th February, 2022 at Sri Ramakrishna Institute of Technology, Coimbatore.
- Guest speaker on placement awareness programme in first year induction programme
- Guest speaker on Mathematics club introduction in first year induction programme