

CURRICULUM VITAE



Dr. A. Praveen, M.Sc., M.Phil., Ph.D.

Assistant Professor

PG & Research Department of Mathematics

St. Joseph's College (Autonomous)

Tiruchirappalli – 620 002, Tamil Nadu.

Phone: (0)98656 63934, (0) 94862 63934

Email: pravin4jesus@gmail.com

praveen_ma1@mail.sjctni.edu

Educational Qualifications :

Degree	Subject	Institution	Grade	Year of completion
Ph. D	Mathematics	Bharathidasan University, Trichy-24, Tamil Nadu.	Commended	2017
M. Phil	Mathematics	St. Joseph's College (Autonomous), Trichy – 2, Tamil Nadu.	First class with Distinction	2005
M. Sc	Mathematics	St. Joseph's College (Autonomous), Trichy – 2, Tamil Nadu.	First class with Distinction	2004
B. Sc	Mathematics	St. Joseph's College (Autonomous), Trichy – 2, Tamil Nadu.	First class with Distinction	2002

Fellowship Awarded: Awarded **Teacher Fellowship** by the UGC, under *Faculty Development Programme*, for College Teachers during the Twelfth Plan Period (2012-2017) from 21.07.2015 to 20.04.2016.

Special Honour: Commissioned as **Flying Officer, Indian Air Force**, in October 2009 and held the Rank till November 2017.

Teaching experience: Teaching experience at the UG, PG and M. Phil level at St. Joseph's College (Autonomous), Trichy-2, Tamil Nadu - **Nov 2007 onwards**

Teaching experience at the UG and PG level at Arul Anandar College (Autonomous), Karumathur, Madurai, Tamil Nadu - **June 2005 – October 2007**

Area of specialization: Functional Analysis, Graph theory.

Papers published in Journals / Proceedings:

1. **“A Fixed point theorem for demicontinuous maps”**, *Proceedings of the International Conference on Mathematics and Its Applications – 2014*, Vol – II, ISBN: 978-81-923752-7-4, pp.914-917.
2. **“Demiclosed principle for demicontinuous maps”**, *Indian Journal of Current Research*, Vol.2, Special Issue – II, ISSN: 2347-9213 BSC-IJCR, February, 2015, pp.38-40.
3. **“Demiclosed principle for asymptotically nonexpansive type of maps”**, *Proceedings of National Conference (UGC Sponsored) on Recent Developments on Emerging fields in Pure and Applied Mathematics, ReDeEM*, ISBN:978-93-83209-02-6, March, 2015, pp.39-46.
4. **“Convergence of Mann's Iteration for relatively nonexpansive mappings”**, *Fixed Point Theory, An International Journal on Fixed Point Theory, Computation and Applications*, No. 2, 18(2017), ISSN 1583-5022, pp. 545-554.

Other Publications:

1. **“Leadership Excellence”**, National Conference on Human Resource Management practices for 21st century, *Conference Proceedings*, New Delhi-Excel India Publishers, ISBN 978-93-81361-45-0, August 2011, pp.85-91.
2. Article on **“The quest for peace”** was published in *Infinithoughts* magazine, Volume 7, Issue 11, February 2019, pp. 64-65.

Papers presented in Conferences / Seminars:

1. Presented a paper on **“Leadership Excellence”**, at the **National Conference on Human Resource Management Practices for 21st century**, held at Periyar Maniammai University, Vallam, Thanjavur, held on 12th and 13th August 2011.

2. Presented a paper on “*The Evolution of Human Rights Approaches in Environmental Protection in India*” in the **UGC sponsored National Seminar on Health, Environment and Human Rights**, held during 28th and 29th February 2012 at Annamalai University, Tamil Nadu.
3. Presented a paper on “*Algorithms to compute social inclusion indicators*” in the **International conference on Good Governance and Sustainable development**, held during 22-23 March, 2012 at Annamalai University, Tamil Nadu. Adjudged the best paper and received the **Dr. S. Bhaskaran -Best Paper Award**.
4. Presented a paper on “*Strengthening Country Data Dissemination system: Need of the Hour*” in the **International conference on Good Governance and Sustainable development**, held during 22-23 March, 2012 at Annamalai University, Tamil Nadu.
5. Presented a paper on “*A Fixed point theorem for demicontinuous maps*”, at the **International Conference on Mathematics & Its Applications (ICMAA-2014)** held at University College of Engineering, Villupuram, 15 to 17 December 2014.
6. Presented a paper on “*Demiclosed principle for demicontinuous maps*”, at the **National Conference on Recent Trends in Pure and Applied Mathematics** held at Bon Secours College for Women, Thanjavur, 23rd & 24th February, 2015.
7. Presented a paper on “*Demiclosed principle for asymptotically nonexpansive type of maps*”, at the **National Conference (UGC Sponsored) on Recent Developments on Emerging Fields in Pure and Applied Mathematics, ReDeEM** held at Thiagarajar College, Madurai, 12 & 13th March, 2015.
8. Presented a paper on “*Implications of Social Outlook on Transgender Community*”, at the Indian Council of Social Science Research (ICSSR) sponsored **International Seminar on “Trans* Wellness & Wellbeing”** held during 26-28 March 2015 at Annamalai University, Tamil Nadu.

Courses attended:

1. Attended the **NCC officers Senior Division Pre-Commissioning Course** held at NCC OTA Kamptee and at Air Force Station, Tambaram from 13 July – 03 October, 2009.
2. Attended **Orientation Course** from 20.5.2010 to 16.6.2010 at Bharathidasan University and obtained Grade ‘A’.

3. Attended **Refresher Course in Mathematics** from 14.7.2012 to 31.7.2012 at Calicut University, Kerala and obtained Grade 'A'.
4. Attended **Refresher Course in Mathematics** from 23.10.2017 to 11.11.2017 at Sri Venkateswara University, Tirupathi and obtained Grade 'A'.

Seminars / Workshops attended :

1. Participated at a two day **Workshop on Leadership: Challenges and Opportunities**, organised by Students Counselling Centre in Collaboration with the Department of Social Dynamics at St. Joseph's College (Autonomous), Trichy, 28th and 29th August 2002.
2. Participated in a **National seminar on Recent Developments in Applied Mathematics**, organised by the Department of Mathematics, St. Joseph's College (Autonomous), Trichy, 2nd and 3rd, December, 2004.
3. Participated in a three day **National level Conference on Curricular Innovations and Quality Improvement** in Autonomous Colleges sponsored by NAAC, Bangalore and organised by Internal Quality Assurance Cell, Arul Anandar College, Karumathur, 29th September and 1st October 2005.
4. Participated in a two day **State level seminar on Evaluation methods towards enhancing quality of higher education**, sponsored by UGC, New Delhi and organised by Internal Quality Assurance Cell, Arul Anandar College, Karumathur, 2nd and 3rd March 2007.
5. Participated in a three day **National level workshop on Building Research Capabilities**, organized by the Centre for Education beyond Curriculum, Christ College, Bangalore, May 28 – 30, 2007.
6. Participated in the **Training programme for mentors**, at St. Joseph's College (Autonomous), Trichy, 29th March 2008.
7. Participated in the Research Day on "**Pursuing Socially Relevant Research – Possibilities and Concerns**" held at St. Joseph's College (Autonomous), Tiruchirappalli, on 28th January 2012,
8. Participated in **Pedagogical Training for Mathematics Teachers (PTMT)** programme held at Bhaskaracharya Pratishthana, Pune, sponsored by the NBHM, from 5.4.2012 to 10.4.2012.

9. Participated in a Two Day **National Seminar on Emerging Trends and Issues in Human Rights** held on 1 & 2 March 2013 organised by the Department of Political Science & Public Administration, Annamalai University, Chidambaram, Tamil Nadu.
10. Attended **LaTeX workshop** organised by the Department of Mathematics, St. Joseph's College, Trichy, on 13 August, 2013.
11. Participated in a two day **National Conference on Advancements in Mathematical Sciences (NCMAS 2016)**, organised by the PG & research Department of Mathematics, St. Joseph's College(Autonomous), Trichy-2, during January 7-8th, 2016.
12. Participated in a two day **National Conference on Applications of Mathematics – Recent Trends (NCAM-RT)**, organised by the PG & research Department of Mathematics, St. Joseph's College(Autonomous), Trichy-2, during December 15-16th, 2016.
13. Attended a three day **Science Academies Lecture Workshop on “Algebra”** sponsored by Indian Academy of Science (IASc), Bengaluru, Indian National Science Academy (INSA), New Delhi and The National Academy of Sciences (NASI), Allahabad, organised by K.S.R College of Arts and Science (Autonomous), Tiruchengode, Namakkal, during May 2-4, 2017.
14. Attended a three day **Science Academies Lecture Workshop on “Linear Algebra & Topology”**, organised by P.G Department of Mathematics & Research Centre in Applied Mathematics, M.E.S. Degree College of Arts, Commerce & Science, Malleswaram, Bengaluru, during October 29-31, 2018.
15. Attended a three day **International Conference on Discrete Mathematics (ICDM 2019)**, organised by the P.G & Research Department of Mathematics, St. Joseph's College(Autonomous), Trichy during 7-9th January 2019

Profession related activities:

Guest Faculty:

1. **Guest Faculty** of Pondicherry University – St. Joseph's College MBA Twinning Programme during January 2018 – May 2018.
2. **Guest Faculty** of Pondicherry University – St. Joseph's College MBA Twinning Programme during January 2019 onwards.
3. Acted as a **Guest Faculty** and delivered an **Inspirational Lecture on Mathematics** to the Engineering students, in the Winter Workshop organised by the CARE group of Institutions, Thayanur Village, Trichy on 18.01.2019.

Resource person:

1. Acted as a **Resource person** and delivered a **Special lecture** on Numerical Ability to the aspirants of UPSC / JRF examinations, at Bharathidasan University, Tiruchirappalli, conducted on 05.02.2012.
2. Acted as a **Resource person** and delivered a special lecture on **Mathematical Ability- NET/SET exams (Paper-I)** to the aspirants of NET/SET exams, St. Joseph's College (Autonomous), Tiruchirappalli on 23.03.2012.
3. Acted as a **Resource person** and delivered a **Special lecture** on Numerical Ability to the aspirants of UPSC / JRF Examination at the Bharathidasan University, Tiruchirappalli, conducted on 07.06.2012.
4. Acted as a **Resource person** and delivered a **Special talk on Quick Fire Mathematics** to the students of Mathematics at Holy Cross College (Autonomous), Tiruchirappalli, on 09.02.2015.
5. Acted as a **Resource person** and delivered a **Special lecture on Quantitative Aptitude** to the IAS Aspirants at St. Joseph's College, Tiruchirappalli, organised by the St. Joseph's College IAS Academy, on 12.02.2015.
6. Acted as a **Resource person** and delivered a special lecture on **Mathematical Ability - CSIR/UGC-NET/SET exams (Paper-I)** to the aspirants of CSIR/NET/SET exams, St. Joseph's College (Autonomous), Tiruchirappalli during May 2016.
7. Acted as a **Resource person** and delivered a **Special lecture on Quantitative Aptitude** to the IAS Aspirants at St. Joseph's College, Tiruchirappalli, organised by the St. Joseph's College, IAS Academy, on 29.11.2016
8. Acted as a **Resource person** and delivered a **Special lecture on Quantitative Aptitude** to the IAS Aspirants at St. Joseph's College, Tiruchirappalli, organised by the St. Joseph's College, IAS Academy, on 14.12.2016.
9. Acted as a **Resource person** and delivered a **Special lecture on Quantitative Aptitude** to the IAS Aspirants at St. Joseph's College, Tiruchirappalli, organised by the St. Joseph's College, IAS Academy, on 06.1.2017.
10. Acted as a **Resource person** and delivered a **Special lecture on Quantitative Aptitude** to the IAS Aspirants at St. Joseph's College, Tiruchirappalli, organised by the St. Joseph's College, IAS Academy, on 06.02.2017.

11. Acted as a **Resource person** and delivered a **Special lecture on Quantitative Aptitude** to the IAS Aspirants at St. Joseph's College, Tiruchirappalli, organised by the St. Joseph's College, IAS Academy, on 13.02.2017.
12. Acted as a **Resource person** and delivered a **Motivational talk on Mathematics for competitive examinations** to the students of Mathematics at Selvamm Arts and Science College on 08.03.2017.
13. Acted as a **Resource person** and delivered a **Motivational talk** to the UG & PG Students at Government Arts College, Thuvakudi, Tiruchirappalli – 22, on 21.07.2017.
14. Acted as a **Resource person** in the Coaching Class Programme for Competitive Examinations conducted by the Placement & Training Cell, Bharathidasan University and District Employment Office, Tiruchirappalli at St. Joseph's College, Tiruchirappalli (Ref: G.O. (M/s) No. 33) and delivered a **Special lecture on Numerical Ability** on 12.12.2017.
15. Acted as a **Resource person** in the Coaching Class Programme for Competitive Examinations conducted by the Placement & Training Cell, Bharathidasan University and District Employment Office, Tiruchirappalli at St. Joseph's College, Tiruchirappalli (Ref: G.O. (M/s) No. 33) and delivered a **Special lecture on Numerical Ability** on 23.02.2018.
16. Acted as a **Resource person** in the Coaching Class Programme for Competitive Examinations conducted by the Placement & Training Cell, Bharathidasan University and District Employment Office, Tiruchirappalli at St. Joseph's College, Tiruchirappalli (Ref: G.O. (M/s) No. 33) and delivered a **Special lecture on Numerical Ability** on 28.02.2018.
17. Acted as the **Chief Guest** for **TAGMATH-'18**, organised by the Mathematics Club, Tagore Institute of Engineering and Technology, Attur(TK), Salem(DT) on 06.04.2018.
18. Acted as a **Resource person** and delivered a special lecture on **Fascinating Mathematics** for the students of Mathematics at Cauvery College for Women, Tiruchirappalli on 10.08.2018.
19. Acted as a **Resource person** and delivered a special lecture on Numerical Ability to the Aspirants of Civil Services Examinations, organised by the IAS Academy, St. Joseph's College (Autonomous), Tiruchirappalli on 31.08.2018.

20. Acted as a **Resource person** and delivered a special lecture on Numerical Ability to the Aspirants of Civil Services Examinations, organised by the IAS Academy, St. Joseph's College (Autonomous), Tiruchirappalli on 12.09.2018.
21. Acted as a **Resource person** and delivered a special lecture on Numerical Ability to the U.G students (Arts & Science), as a part of the Soft Skills programme, organised by JASS, St. Joseph's College (Autonomous), Tiruchirappalli on 19.09.2018.
22. Acted as a **Resource person** and delivered a **Motivational Lecture** to the B.Ed students on the occasion of Ramanujam Mathematics Club Inauguration and Exhibition, at Kongunadu College of Education, Tholurpatti, Thottiam(Tk), Trichy(Dt) on 20. 12. 2018.

e-content:

- Lecture Video entitled "*Finding an Initial Basic feasible solution to a transportation problem using Least Cost Method*".
Link: <https://youtu.be/ssOX3LUk8MM>
- Lecture Video entitled "*Finding an Initial Basic feasible solution to a transportation problem using Vogel's Approximation Method*".
Link: <https://youtu.be/cN2Q1x8hEcs>

Examiner:

- Appointed as an **External Examiner** for the Viva-Voce examination for the students of B.Sc Mathematics, at Holy Cross College (Autonomous), Tiruchirappalli on 11.04.2012.
- Appointed as an **External Examiner** for the Viva-Voce examination of M.Phil Research scholars, at A.V.V.M Sri Pushpam College, Poondi, Thanjavur on 06.10.2018.
- Appointed as an **External examiner** for the Semester Computer Practical Examinations (C++ and LATEX) for the P.G students of Mathematics, at Rajah Serfoji Government Arts College, Thanjavur on 10.12.2018 and 11.12.2018.

Community Service rendered:

1. Appointed as **Presiding Officer** to work in Thuraiyur Assembly Constituency Election in Tiruchirappalli District held on 13.04.2011.

2. Delivered a **Special lecture** at the **Free Eye Check up Campaign** conducted by the Extension Department SHEPHERD, St. Joseph's College at Devarayaneri village, Tiruchirappalli, on 23.03.2012.
3. Took part in the **JOURNEY FOR SIGHT**, an eye donation awareness rally conducted by all the Lions club of Tiruchirappalli on 08.12.2017.
4. Visited Thirumalaisamudram village and **delivered a motivational talk** to the village masses during the Three Day camp for the B. Sc Mathematics students, organised by the Extension Department SHEPHERD, St. Joseph's College (Autonomous), Tiruchirappalli on 09.09.2018.
5. Visited Gandhipuram village and **delivered a motivational talk** to the village masses during a special one day visit by the M. Sc Mathematics students, organised by the Extension Department SHEPHERD, St. Joseph's College (Autonomous), Tiruchirappalli on 02.10.2018.

Co-curricular:

NCC:

- **Associate NCC Officer**, 3(TN) Air Sqn(Tech) NCC, St. Joseph's College (Autonomous), Trichy (2008-2017).

Special Tasks as ANO:

- Detailed as the **Contingent Commander of the Flight**, which represented the Trichy Group at the **Inter Group Competitions – All India Vayu Sainik Camp**, held at Air Force station, Tambaram, Chennai, 31 August 2011 – 09 september 2011.
- Detailed as the **Contingent Commander of the Tamil Nadu, Pondicherry & Andaman Nicobar NCC contingent**, which represented the directorate at the **National Integration Camp – I** held at DG NCC Camp, Parade Ground, Delhi Cantonment, from 18 Nov 2012 to 29 Nov 2012.
- Co-ordinated the **Students Interaction Drive** by the **Indian Air Force**, - **“Guardians of the Sky”** at St. Joseph's College (Autonomous), Trichy on 04 September 2014.

Awards and Appreciations:

- Received the **‘Best Officer Cadet’** award at the NCC Officers Pre - commissioning course held at the Air Force Station, Tambaram, Chennai, 2009.

- Appreciation certificate from the Tamil Nadu, Pondicherry & Andaman Nicobar NCC Directorate for the commendable contribution and service rendered to the NCC Group HQ, Tiruchirappalli, 2009.

Others:

- Acted as the **Co-ordinator of the Educational Tour** for the P.G students in 2010 – 5 Days
- Acted as the **President of the Mathematics Association** for the Academic year 2011-2012.
- Acted as the **Joint Secretary of the Teaching staff Association** of St. Joseph's College (Autonomous), Trichy, from 2015-2016.
- Acted as the **Co-ordinator of the Educational Tour** for the P.G students in February, 2018 – 3 Days
- Acting as the **Co-ordinator of The Astronomy Club** of St. Joseph's College(Autonomous), Tiruchirappalli, from June 2018 onwards.

Personal:

Date of Birth : 21.03.1982
Nationality : Indian
Address for : 46-B, Shankar Flats, Butterworth Road,
Communication Tiruchirapalli-620 002, Tamil Nadu.

DECLARATION

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

(A. Praveen)