

RESUME

1. **Name** : A. PRASANNA
2. **Date of Birth** : 12.07.1984
3. **Age** : 31 Years
4. **Religion** : Hindu
5. **Community** : BC – Vellala Gounder
6. **Nationality** : Indian



7. Address :

Residential:

3/125 Gounder Street
Pulivalam(Po),Musiri(Tk)
Tiruchirappalli-620 020
Tamil Nadu, India.
Email: apj_jmc@yahoo.co.in
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8. Date of Entry in the Service :

Assistant Professor in Mathematics (SF) from 01-07-2007 at Jamal Mohamed College, Tiruchirappalli -620020, Tamilnadu

9. Educational Qualifications:

Course	Institution	Board/ University	Class / Grade Secured	Year of Passing
OSLC	Jamiul Firdhouse Hr. Sec. School, Trichy	State	I	1999
HSC	Jamiul Firdhouse Hr. Sec. School, Trichy	State	I	2001
B.Sc (Mathematics)	Jamal Mohamed College, Trichy	Bharathidasan University	I	2004
M.Sc (Mathematics)	Jamal Mohamed College, Trichy	Bharathidasan University	I Class with Distinction	2006
M.Phil (Mathematics)	PRIDE	Periyar University, Salem	I	2008
PGDCA	CCI, Trichy	State	'A'	2009
Ph.D., (Mathematics)	Jamal Mohamed College, Trichy	Bharathidasan University	Highly Commended	2015

10. Experience (As on 01.11.15) : Undergraduate: 08 Years 04 Months
Postgraduate: 08 Years 04 Months
M.Phil: 02 Months

11. Areas of Specialization : 1. Fuzzy Algebra
2. Algebra
3. Operations Research
4. Mathematics of Finance
5. Statistics

12. Languages known : Tamil, English and Arabic

13. Subjects Taught:

Undergraduate : 1. Operations Research
2. Differential Equation
3. Business Mathematics and Statistics

Postgraduate : 1. Algebra
2. Mathematics of Finance

M.Phil : Analysis

14. Research Supervision:

Post Graduate Degree – Project: Completed: 10 Pursuing – 2

M.Phil Degree – Dissertation : Pursuing – 5
(M.Phil Bharathidasan University Guide-ship Recognition Ref. No.: 22952/ M.Phil/
RA/ Mathematics/2015 Dated 15.07.2015)

15. Book Published:

❖ Business Mathematics and Statistics – Dr. Ismail Mohideen, A. Mohamed Ismayil and
A. Prasanna-Raja Publication, Trichy, (Dec. 2013) ISBN:978-93- 80243-84-9.

16. Publications

1. A.Prasanna, R.Periasamy and R.Prakash““The Insurance Schemes Calculations – a View” in the Proceeding of the **National Conference** on Management in the Age of Innovation at Jamal Institute of Management (ISBN No. 978 – 81- 909104 – 0- 8), Jamal Mohamed College, Tiruchirappalli, on 25th January, 2011.
2. A.Prasanna, J.R. Karthikeyan and G.Praburaj“ Interest Calculation in the Investment – A View” in the Proceeding of the **National Conference** on Management in the Age of Innovation at Jamal Institute of Management (ISBN No. 978 – 81- 909104 – 0- 8), Jamal Mohamed College, Tiruchirappalli, on 25th January, 2011.

3. R.Sivanesan, S.Ismail Mohideen, A.Prasanna and S.Masoothu, Analysis of diabetics using R- software, Elixir **International Journal**, 37A (2011) 4141-4142.
4. A.Solairaju and A.Prasanna, Primary Decomposition of Fuzzy Dot Ideals in d-Algebra, **International Journal** of Mathematical Sciences and Applications, Vol. 1, No.2 (May 2011), 671 – 677.
5. A.Solairaju and A.Prasanna, New Structure of Fuzzy Fully Invariant Bipolar Q-Fuzzy Regular Lattices **International Journal** Of Computer Applications (0975 – 8887) Volume 18– No.3, March 2011.
6. A.Solairaju, R.Nagarajan and A.Prasanna, Fuzzy Dot Algebras Over Fuzzy Dot Fields, Global Journal Of Mathematical Sciences: Theory & Practical (GJMS), an **International Journal** VOL.4, NO.1 (2012), 57-61
7. A.Solairaju, R.Nagarajan and A.Prasanna, Enumerations of Maximal Chain and Flags Interm of Finite Abelian Groups, Antarctica Journal of Mathematics, 9(4) (2012),331-341.
8. A.Solairaju, R.Nagarajan and A.Prasanna, Some Algebraic Properties of BCK – Algebra’s and Fuzzy S-Semi Groups, Antarctica Journal of Mathematics, 9(4) (2012), 343-350.
9. A.Solairaju, R.Nagarajan and A.Prasanna, Some Structure Properties of Q-Cyclic Fuzzy Group Family, Antarctica Journal of Mathematics, 9(4) (2012), 351- 358.
10. A.Abdulsalam and A.Prasanna, The Practical Application of Cryptography by Using Matrices in Image Identification and Road Mapping” in the proceeding of the **International Conference** on Mathematics A Global Scenario (**National Mathematics Year 2012**) at D-G Vaishav College Chennai on 13, 14. 12.12.
11. A.Abdulsalam and A.Prasanna “Description of Road map by two different persons using matrix” in the proceeding of the One day **International Conference** on Recent Trends in Discrete Mathematics and its applications to science and Engineering at Periyar Maniammai University on 03.12.2013.
12. A.Solairaju and A.Prasanna, Homomorphism in Intuitionistic QL fuzzy subhemiring of a hemiring, Advances in Fuzzy Mathematics, 9(1) (2014), 1-5.

13. A.Prasanna, S.Ismail Mohideen and K.Rajasekar, Matrix based cryptography VB.Net approach, **International Research Journal** of Mathematics, Engineering and IT, Volume-2, Issue-7 (July 2015), IF-2.868, ISSN (2349-0322).
14. T. Kalaivani, A. Prasanna, S.Ismail Mohideen, A. Solairaju, Intuitionistic Fuzzy B-Ideal on B-Algebras, **International Research Journal** of Mathematics, Engineering and IT, Volume-2, Issue-12 (December 2015), IF-2.868, ISSN (2349-0322).

17. Papers Presented in Seminars / Conferences:

1. "Applications of Operations Research" – At **One Day Seminar** on Tax Reforms With Special Reference to VAT, Department of Economics, Jamal Mohamed College(Autonomous), Tiruchirappalli-20, on 22nd March 2005.
2. "Impact of Child Labor on Education a Statistical Analysis at **UGC Sponsored State Level Seminar** on Socio Economic Dimensions of Child Labor, Department of Economics, Jamal Mohamed College(Autonomous), Tiruchirappalli-20, September 27-28,2005.
3. "Mathematics of Finance And Insurance – a View", at **State Level Seminar** on Advanced Techniques Involved in Graphs and Matrices, Department of Mathematics, Dhanalakshmi Srinivasan College of Arts and Science for Women, Perambalur, on 14th February 2009.
4. "Controlling Human Moods by Fuzzy Logic" at **UGC Sponsored National Seminar** On Fuzzy Mathematical Modeling in Agriculture and Waste Land Development Khader mohideen College, Adirampattinam on 28,29 March 2009.
5. Role of Social Responsibility in Women at the **UGC Sponsored Two Day National Seminar** on Social Entrepreneurship and Corporate Social Responsibility (CSR) – Role in Women Development at Department Of Women Studies, Bharathidasan University, Trichy-23 on March 27,28 -2010.
6. "Physical Problems of Children With Special Needs With Special Reference From Mental Retardation at **TANSACS Sponsored State Level Seminar** on Health Issues of Youth in India: Problems and Prospects at Department of Social Work, Jamal Mohamed College, Tiruchirappalli, on 20.12.2010.

7. Paper Presented at One Day **State Level Seminar** on Investment Opportunities And Challenges at Department of Commerce, Jamal Mohamed College, Tiruchirappalli, on 12th January 2011.
8. “The Insurance Schemes Calculations – a View” at **National Conference** on Management in the Age of Innovation at Jamal Institute of Management, Jamal Mohamed College, Tiruchirappalli, on 25th January, 2011.
9. “Interest Calculation In The Investment – A View” at **National Conference** on Management in the Age of Innovation at Jamal Institute of Management, Jamal Mohamed College, Tiruchirappalli, on 25th January, 2011.
10. “An Empirical Model of Application of Matrix in Cryptography” in the **UGC Autonomous Funded International Conference** on Mathematics and its Applications at Islamiah College, Vaniyambadi on August 29, 2012.
11. “Cryptography Encryption and Decryption Using Matrix in Unsymmetrical Image” in the **National Seminar** on Algebra and Graph Theory at Srinivasan College of arts and Science, Perambalur on 26.09.2012.
12. “Matrices in Cryptography” in the **National Seminar** on Algebra and Graph Theory at Srinivasan College of Arts and Science, Perambalur on 26.09.2012.
13. “A Correlation and Regression study on the ground water of vaiyampatty village” In the **National Seminar** on Algebra and Graph Theory at Srinivasan College Of Arts and Science, Perambalur On 26.09.2012.
14. “The Practical Application of Cryptography by Using Matrices in Image Identification and Road Mapping” on **International Conference** on Mathematics A Global Scenario D-G Vaishav College Chennai on 13, 14. 12.12.
15. “Quran Paved The Way For Algebraic Growth” On **International Seminar** on Hadis and Modern Science at Jamal Mohamed College on 19th &20th February 2013.

18. Conference / Seminar Attended Without Presenting Papers:

1. **State Level Seminar** on “Mathematical Methods in Social Sciences” Organized by PG and Research Department of Mathematics, Jamal Mohamed College (Autonomous), Tiruchirappalli-20 and **Sponsored by University Grants Commission**, New Delhi During September 8 – 9, 2004.

2. **Three Days Work Shop** On Soft Computing at Department of Mathematics, National Institute of Technology, Tiruchy – 15 on 15-17 November 2007.
3. **National Seminar** on Fuzzy Mathematics and its Applications at School of Mathematics, Alagappa University, Karaikudi on March 09, 2009
4. **UGC Sponsored National Conference** on Advanced Computing Conducted by Department of Computer Science, Jamal Mohamed College, Trichy-20 On March 27 & 28, 2009.
5. **International Conference** on Operations Research Application in Engineering and Management (ICOREM) at Department of Management Studies, Anna University, Tiruchy on May 27, 28 & 29, 2009
6. **UGC Sponsored International Conference** on Mathematical Methods and Computation at Department of Mathematics, Jamal Mohamed College, Trichy-20 on July 24&25, 2009.
7. **UGC Sponsored National Seminar** on Applications of Algebra and Number Theory at Department of Mathematics, National College, Tiruchy -01 on December 04 &05,2009
8. **National Conference** on Recent Trends in Fluid Dynamics (NCRTFD – 2010) Conducted by Sri Ramakrishna Mission Vidyalaya College of Arts & Science , Coimbatore on 19.02.2010.
9. **UGC Sponsored State Level Seminar** on Examination Reforms at Jamal Mohamed College, Trichy-20 on March 12, 2010.
10. One Day **National Level Seminar** on Graph Theory, Algorithms and Modeling at Department of Mathematics, Jamal Mohamed College, Trichy-20 on 19th March 2010.
11. **UGC Sponsored Two Day National Seminar** on Social Entrepreneurship and Corporate Social Responsibility (CSR) – Role in Women Development at Department Of Women Studies, Bharathidasan University, Trichy-23 on March 27,28 -2010.
12. **NAAC Sponsored National Level Seminar** on Quality Enhancement in Teaching, Research And Extension in Higher Education Institutions – Prospects and Problems Organized by **IQAC**, Jamal Mohamed College, Trichy-20 on April 15 and 16, 2010.

13. **Seminar** on Creating Competitiveness to Excel in Higher Education – A TQM approach Organized by **IQAC**, Jamal Mohamed College, Trichy-20 on 8th December 2010.
14. **UGC Sponsored One Day Seminar** on Empowerment of Persons With Special Needs at Jamal Mohamed College, Trichy-20 on 22nd December 2010.
15. **Work Shop** on Mathematical Modeling at Department Of Mathematics, Jamal Mohamed College, Trichy-20 on 19.01.2011 – 25.01.2011.
16. **UGC Sponsored One Day Seminar** on Disability Rights and Laws for Students With Disability in Higher Education at Government Arts College, Tiruchy -22 on 09.02.2011.
17. **Work Shop** on LATEX organized by the ISTE chapter and Department of Information Technology, Dr.Sivanthi Aditanar College of Engineering, Tiruchendur on 15th November 2011.
18. **UGC Sponsored One Day National Seminar** on Applications of Mathematics at Department of Mathematics, Jamal Mohamed College, Trichy-20 on 22nd February 2012.
19. **UGC Sponsored One Day National Seminar** on Examination Reforms at Jamal Mohamed College, Trichy-20 on 24th February 2012.
20. **National Seminar cum Panel Discussion on Differently Abled: Challenges and opportunities in Higher Education** organized by Bharathidasan University, Centre for differently abled persons in association with Jamal Mohamed College at Jamal Mohamed College, Trichy-20 on 6th March 2012.
21. **One day Seminar** Teaching, Learning and Research in Higher Education –Excellence and Beyond Excellence Organized by **IQAC**, Jamal Mohamed College, Trichy-20 on 7th March 2012.
22. **UGC Sponsored** (Autonomous Grant) One Day **National Seminar** On Discrete Mathematics and its Applications at Department of Mathematics, Jamal Mohamed College, Trichy-20 on 09th March 2013.
23. **Leadership Training Program** Organized by Rotaract Club of Jamal Mohamed College at Jamal Mohamed College on 1st September 2013.

24. **International Conference** on Mathematical Methods And Computation at PG and Research Department of Mathematics, Jamal Mohamed College, Tiruchirappalli on 13th & 14th Feb. 2014.
25. **State Level Workshop for Guide Teachers to the 22nd National Children Science Congress**, Catalyzed and Supported By Department of Science and Technology, Govt. Of India, Organized by Tamilnadu Science Forum at Parisutham College Of Engineering and Technology, Tanjore on 19th And 20th July 2014.
26. Special One Day **“Interaction With IISER Scientists”** Program Organized at National College, Trichy organized by Anna Science Centre – Planetarium, Trichy on 6th August 2014.
27. **ICMR Sponsored International Seminar** on Recent Trends in Computational Intelligence Techniques for Big Data Analysis at PSNA College Of Engineering, Dindigul during 27th And 28th August 2014.
28. **Leadership Training Seminar** Organized by Rotaract Club of Jamal Mohamed College at Jamal Mohamed College On 21st September 2014.
29. a **Four day workshop on Latex and SPSS** at PG and Research Department of Mathematics, Jamal Mohamed College, Tiruchirappalli from 20.09.2014 to 25.09.2014.
30. **International Conference** on Mathematical Methods and Computation at PG and Research Department of Mathematics, Jamal Mohamed College, Tiruchirappalli on 22nd and 23rd February 2015.
31. **One day State level seminar and workshop** on Personality development and Fashion Portfolio at PG Department of Fashion Technology, Jamal Mohamed College, Tiruchirappalli on 4th March 2015.
32. **One Day Workshop on “Free Open Source Software”** at PG and Research Department of Mathematics, Jamal Mohamed College, Tiruchirappalli on 12.10.2015.
33. **An Inter Departmental One Day Seminar on Mission 2020** as a mark of respect to our former President Dr.A.P.J.Abdul Kalam. The Government of Tamil Nadu has identified 15th October as “ Youth Awakening Day” to honour our Bharat Ratna’s birth anniversary at PG and Research Department of Mathematics, Jamal Mohamed College, Tiruchirappalli on 15.10.2015.

34. **One Day Inter-Collegiate Workshop** on “E-Content Development for Teaching – Learning Process” Organized by **IQAC**, Jamal Mohamed College, Trichy-20 on 22.12.2015.

19. Orientation / Refresher Courses Attended:

1. The **Faculty Orientation Program** on Accommodations for Students With Disabilities at Department of Rehabilitation Science, Holy Cross College, Trichy on 01.12.2010.

20. Resource Person:

1. Acted as **Presiding Officer** for the Ordinary Elections -2011 Conducted by the Tiruchirappalli City Corporation on 17.10.2011
2. Conducted the **TANCET Coaching Class** Organized by the Anti-Dowry Association, Jamal Mohamed College, Trichy-20 during February 2012.
3. Worked as **Part Time Lecturer** in the Department of Computer Application & Engineering at **Bharathidasan University**, Tiruchy -24 From August 2012 to November 2012.
4. Delivered a **Lecture On Stress Management** to the Higher Secondary School Students at Tiruchirappalli Schools Organized by **Bharathi IAS Academy And Department of Social Science, Bharathidasan University** Tiruchirappalli.
5. Delivered a **Lecture as a Resource Person** in the **District Level Workshop for Guide Teachers To The 22nd National Children Science Congress**, Catalyzed and Supported by Department of Science and Technology, Govt. of India, Organized by Tamilnadu Science Forum at ER Higher Secondary School, Trichy on 28.08.2014.
6. Delivered a **Lecture as a Resource Person** in the **District Level Workshop for Guide Teachers To The 22nd National Children Science Congress**, Catalyzed and Supported by Department of Science and Technology, Govt. of India, Organized by Tamilnadu Science Forum at John Britto School, Trichy on 01.09.2014.
7. Acted as **Evaluator** in **22nd National Children Science Congress-2014**, Catalyzed and Supported by Department of Science and Technology, Govt. of India, Organized by Tamilnadu Science Forum at Jamal Mohamed College, Trichy on 22 & 23.11.2014.

8. Acted as a **Judge in Business Quiz in the State level Intercollegiate Meet- EXOBIZ-2K15** at Department of Business Administration, Jamal Mohamed College, Trichy on 28.02.2015.
9. Delivered a **Lecture on Mathematics Projects and Mathematics Exhibition Ideas to In-service training for Mathematics BT Teachers** (Spell-II) conducted by Rashtriya Madhyamik Shiksha Abhiyan, Trichy
10. Delivered an **Inaugural Address** in the “Math Integra10”- Mathematics Association Inauguration at Department of Mathematics, Theivanai Ammal College for Women, Villupuram on 21.08.2015.
11. Conducted the **Bank Coaching Class – “Quantitative Ability”** Organized by the Guidance and Counseling Centre, Jamal Mohamed College, Trichy-20 on 26.08.2015.
12. Acted as **Evaluator in 23rd National Children Science Congress-2015** Catalyzed and Supported by Department of Science and Technology, Govt. of India, Organized by Tamilnadu Science Forum at Bharathidasan University, Trichy on 10.11.2015.

20. SPECIAL AWARDS RECEIVED:

- Received Service **Gold Medal** (Outstanding NSS Volunteer) By **Jamal Mohamed College** during 2003.
- Awarded **Outstanding NSS Volunteer Award** (Tamil Nadu State NSS Award) by **Government of Tamil Nadu** during 2007.
- Awarded **Ramanujam Award – 2011 (Best Paper Award)** for Presented a Paper on “Analysis of Diabetics Using Modeling” at Sri Khandhan College Of Arts & Science, Erode during 2010-2011.
- Won **Consolation Prize in National Science Day Celebrations** Exhibition Conducted By PG & Research Department Of Zoology On 27.02.2013.
- Won **Consolation Prize in National Science Day Celebrations** Exhibition Conducted By PG & Research Department Of Zoology On 27.02.2014.
- Guided a project, which is selected as one of the **Best Project in State Level- Youth Science Festival 2015** held at Chennai on 14th and 15th March 2015.

21. MEMBERSHIP IN ACADEMIC BODIES:

- Member, Board of Studies (Mathematics), Jamal Mohamed College, Trichy -20 (From 2009 to till date)
- Member, Tamil Nadu Science Forum (From 2014 to till date)
- Member of College Collaboration Scheme (C3-Program) (visit: <http://www.ijaiem.org>)

22. ADMINISTRATIVE POSITIONS HELD IN THE COLLEGE:

- Sub-Warden - Khajamian Hostel (February 2008 – November 2014)
- Tutor in-charge for BCA (2008-09)
- Tutor in-charge for I M.Sc., Mathematics(SF) (2010-11)
- Tutor in-charge for B.Sc., Mathematics(From 2011-12 to 2013-2014)
- Member, Admission Committee (From 2012-13 to till date)
- Tutor in-charge for M.Phil. Mathematics (From 2014-15 to till date)
- Deputy Warden - Khajamian Hostel (From 24.11.2014 to till date)