

Bio-data of  
**Dr Kuncham SYAM PRASAD**  
 E-mail: kunchamsyamprasad@gmail.com,  
 syamprasad.k@manipal.edu  
 Phones: 09343858266 (Mobile), 91-820-2925262  
 (Work), 0 91-820-2573150 (Res).



**Name:** **KUNCHAM SYAM PRASAD**

**Total Teaching / Research Experience** **17 Years**  
 (of which 11 yrs. and 7 months in MIT Manipal)

**Number of Ph. D.'s Guided / Ongoing:** **Awarded: 1, Ongoing: 2**

**Present Designation:** Associate Professor – Senior Scale

**Present Official Address:** Department of Mathematics, Manipal Institute of Technology, Manipal University

**Residential Address:** A1-42, New Flats Shreyas I, MIT Quarters, Manipal

**Date of Birth:** **30-05-1970**

**Educational Qualifications:**

|   |                                |
|---|--------------------------------|
| <b>M. Sc.</b>                                 | <b>(Mathematics)</b>           |
| <b>B. Ed.</b>                                 | <b>(Mathematical Sciences)</b> |
| <b>M. Phil.</b>                               | <b>(Graph Theory)</b>          |
| <b>Ph. D.</b>                                 | <b>(Algebra/Graph Theory)</b>  |
| <b>Post-Doctoral-CSIR (Extended SRF-CSIR)</b> |                                |

**Fellowships:** **CSIR-SRF (1997-2000)**  
**CSIR-SRF-Extended(2000 - 2001)**

**Title of Ph.D. Thesis:** Contributions to Near-Ring Theory –II

**Title of M. Phil. Thesis:** An Isomorphism Theorem on directed Hypercubes of Dimension n.

**Awards / Prizes:**

1. **Gold Medal** -University First Rank in M. Sc.
2. **Indian Mathematical Society (National Level)–Prize, Citation** for the Year 2000-*Best Research Paper* in Algebra.
3. **CSIR-Senior Research Fellowship Award-1997.**
4. **CSIR-Senior Research Fellowship (Post-Doctoral) Award-2000.**
5. **INSA-Visiting Fellow** award 2004-2005.
6. **Dele Carnegie Certificate 2010**, Mission 10X (Wipro), 2010, High Impact Teaching Skills.
7. **ICM 2010 FULLY SPONSORED BY NBHM (GOVT OF INDIA)**
8. **Travel Grants availed from CSIR, AICTE, INSA, DST, DAE.**
9. **Full Sponsorship by NBHM** to participate ICM 2010, Hyderabad
10. **Incentives for Excellence** in Research by Manipal University, 2011.
11. **ICTP** (International Centre for Theoretical Physics), Travel support for attending the International Conference at Turkey (2013).

*Abroad Visits (Academic):*

| <u>Place / Country</u>  | <u>Year</u> | <u>Purpose of the Visit</u>   | <u>Financial support</u>   |
|---|-------------|---|--|
| <b>Alabama (USA)</b><br>University of South<br>Alabama                  | 1999        | Delivered a talk at the International<br>Conference on Combinatorics and related<br>areas.  | <b>CSIR</b>  |
| <b>Hamburg GERMANY)</b><br>Universitat der Bundeswehr                   | 2003        | Delivered a talk at the 18 <sup>th</sup> International<br>Conference on Nerrings & Nearfields.                                    | <b>AICTE, INSA</b>   |
| <b>Budapest (HUNGARY)</b><br>Hungarian Academy of<br>Sciences           | 2003        | <b>Joint Research Program</b> at the A. Renyi<br>Institute of Mathematics, Hungarian<br>Academy of Sciences, for 3 weeks.         | <b>AICTE, INSA</b>   |
| <b>Taipei (TAIWAN)</b><br>National Cheng-Kung<br>University             | 2005        | Presented a talk at the 19 <sup>th</sup> International<br>Conference on Nerrings & Nearfields.                                    | <b>DAE (NBHM),<br/>DST</b>                                       |
| <b>Singapore</b><br>National University of<br>Singapore                 | 2005        | Scientific / Research Discussions in the<br>Department of Mathematics.  | <b>DAE (NBHM),<br/>DST</b>                                       |
| <b>Kyiv (UKRAINE)</b><br>National Taras Shevchenko<br>University        | 2006        | Presented a talk at the International<br>Conference on Radicals.  | Partial support:<br>NTS University,<br>Kyiv, Ukraine             |
| <b>Linz (AUSTRIA)</b><br>Johannes Kepler University                     | 2007        | Presented a talk at the 20 <sup>th</sup> International<br>Conference on Nerrings and Nearfields.                                  | <b>CSIR, AICTE</b>   |
| <b>Bangkok (THAILAND)</b><br>Chulolongkorn University                   | 2008        | Presented a talk at the International<br>Conference on Algebra and related areas.   | Manipal University   |
| <b>Padang (INDONESIA)</b><br>Andalas University                         | 2009        | Presented a talk at the International<br>Conference on Mathematics and Statistical<br>Applications.                               | Manipal University   |
| <b>Johor Bahru (MALAYSIA)</b><br>Universiti Teknologi<br>Malaysia       | 2011        | Presented a talk at the International<br>Conference on First Biennial International<br>Conference on Group Theory (BIGTC<br>2011) | Manipal University   |
| <b>New Orleans, USA</b><br>Southeastern Louisiana<br>University         | 2011        | Presented a talk at the 22 <sup>nd</sup> International<br>Conference of Nerrings, Nearfields and<br>related areas.                | Manipal University<br><b>(Research<br/>incentives)</b>           |
| <b>Muscat (OMAN)</b><br>Sultan Qaboos University                        | 2012        | Presented a talk at the International<br>Conference on Radicals, Rings, Modules<br>and Related Topics                             | Manipal University   |
| <b>Istanbul (TURKEY)</b><br>Dogus University                            | 2013        | Presented a talk at the 2 <sup>nd</sup> Biennial<br>International Group Theory Conference   | Manipal University<br>and <b>ICTP</b><br><b>(Trieste, Italy)</b> |
| <b>Bloemfontein (South<br/>Africa),</b> University of the<br>Free State | 2013        | Presented a talk at the International<br>Conference on Rings, Nerrings and<br>Radical   | Manipal<br>University, <b>INSA,</b><br><b>CSIR</b>               |
| <b>Seoul (South Korea)</b><br>ICM 2014                                  | 2014        | Presented a talk at ICM 2014  | Manipal University<br><b>(Research<br/>incentives)</b>           |

**Educational Qualifications:**

| <b>COURSE</b>     | <b>UNIVERSITY</b>                                    | <b>PERIOD</b>     | <b>DIVISION</b> | <b>RANK/<br/>GRADE</b> |
|-------------------|--|-------------------|-----------------|------------------------|
| B.Sc.             | Andhra Loyola College, Vijayawada<br>(A.P.)          | 1990              | First           | --                     |
| B. Ed.            | Siddhartha College of Education<br>Vijayawada (A.P.) | 1992              | First           | --                     |
| M. Sc.            | Nagarjuna University                                 | 1994              | First           | <b>First Rank</b>      |
| M. Phil.          | Nagarjuna University                                 | 1998              | First           | <b>Grade-A</b>         |
| Ph.D.             | Nagarjuna University                                 | 2000              | ---             | ---                    |
| Post-<br>Doctoral | CSIR SRF EXTENDED                                    | Till Sept<br>2001 |                 |                        |

**Professional Career (Research / Teaching):**

| <b>S. No.</b> | <b>Position</b>      | <b>Period</b>            | <b>Funding Agency/ Institution</b> |
|---------------|----------------------|--------------------------|------------------------------------|
| 1             | Project Fellow       | Sept. 1994 to Mar. '97   | U G C, Nagarjuna Univ.             |
| 2             | Sr. Res. Fellow      | Apr 1997 to Mar. 2000    | C S I R, ,,                        |
| 3             | Post-Doctoral Fellow | Oct. 2000 to Sep. 2001   | C S I R, ,,                        |
| 4             | Lecturer             | Sept.2001 to 11Apr.'02   |                                    |
| 5             | Asst. Professor      | 12 Apr.'02 to 11 Apr' 07 | MIT, Manipal University            |
| 6             | Associate Professor  | 12 Apr'07 to till date   |                                    |

**Field of Research:**

Algebra (Near-Rings / Rings and Modules / Discrete Mathematics / Fuzzy Algebraic Systems),  
Graph Theory, Rough Set Theory.

**Reviews of Research:**

1. Reviewed two research papers submitted to ANIJMIT.
2. Reviewed two research papers submitted to Southeast Asian Bull. of Mathematics (**Springer**).
3. Adjudicated the Ph.D. thesis entitled "Fuzzy..." submitted to Indian Institute of Technology (**IIT, Madras**), 2007.
4. Adjudicated the Ph.D. thesis entitled "Transportation Problems" submitted to Kakatiya University, A.P. 2009.
5. Adjudicated the Ph.D. thesis entitled "Fuzzy..." submitted to Madras University, 2009.
6. Adjudicated two M. Phil. Theses submitted to ANU.
7. Reviewed a Research Paper submitted to Neural Computing Journal, 2010 (**Springer**)
8. Adjudicated the Ph.D. thesis entitled "Almost Distributive Lattices" submitted to Andhra University, 2010.
9. Adjudicated the Ph.D. thesis submitted to Annamalai University, Aug 2012.
10. Adjudicated the Ph.D. thesis, submitted to Kakatiya University, 2012.
11. Adjudicated the Ph.D. thesis submitted to Annamalai University Dec 2012.
12. Adjudicated the Ph.D. thesis submitted to Sri Venkateswara University, Tirupathi, 2013.
13. Adjudicated the Ph.D., thesis submitted to Annamalai University, Aug 2013.

**Research Guidance:**  
Ph.D., Completed: One

Kedukodi Babushri Srinivas: Awarded Ph.D., for the thesis entitled “Fuzzy and Graph Theoretical aspects of Nearrings”, by Manipal University, 2009 under my guidance.

Ongoing Research: Two

**Resource Person:** (Karnataka Science and Technology Academy, GOVT.)  
**Special Lecture Series Sponsored by the Karnataka Science and Technology Academy**, held at Gulbarga University, 09-10 Feb 2011, delivered special Lectures on Module Theory.

**Plenary Talk:**  
On Finite Dimension in N-Groups and Modules, DAV College (PG), Jalandhar 3-6, Feb 2012.

**Invited Guest Talks:**

- On Certain Algebraic Structures, ‘Andhra Loyola College (PG)’, Vijayawada, august 14, 2012.
- On Modules and N-Groups, Kannur University, 2013.
- Ideals of Gamma Nearrings, Acharya Nagarjuna University, Dec. 2014.

**Organized National Workshop:**

**Convener of the National Workshop:** Computer Applications based on Modern Algebra (Sponsored by NBHM, DST, DRDO, CSIR) Manipal Institute of Technology, Manipal University, 03-05 Jan 2013.

**Research Papers Published in Indexed International / National Journals:**

1. Satyanarayana Bh., Rao MBV, **Syam Prasad K.** ‘A Note on Primeness in Nearrings and Matrix Near-Rings’ *Indian J. Pure & Appl. Math.* 27(3): 227-234, **1996**.
2. Satyanarayana Bh., and **Syam Prasad K.** ‘A Result on E-direct Systems in N-Groups’ *Indian J. Pure & Appl. Math.*, 29(3): 285-287, **1998**.
3. Satyanarayana Bh., and **Syam Prasad K.** ‘On Direct and Inverse Systems in N-Groups’ *Indian Journal of Mathematics*, 42 (2) 183-192, **2000**.
4. Satyanarayana Bh., and **Syam Prasad K.** ‘An Isomorphism Theorem on Directed Hypercube of Dimension n’, *Indian J. of Pure & Applied Math.*, 34 (10): 1453-1457, **2003**.
5. Satyanarayana Bh., and **Syam Prasad K.**, TVP Kumar, “On IFP N-Groups and Fuzzy IFP Ideals”, *Indian Journal of Mathematics*, 46 (1) 11-19, **2004**.
6. Satyanarayana Bh., and **Syam Prasad K.** ‘Fuzzy Cosets of Gamma Nearrings’, *Turkish Journal of Mathematics*, (**Turkey**) (29) 11-22, **2005**.
7. **Syam Prasad K.** and Satyanarayana Bh., “On Fuzzy Prime ideal of a Gamma Nearing”, *Soochow Jr. Mathematics*, (**Taiwan**) 31(1) 121-129, **2005**.
8. Satyanarayana Bh., and **Syam Prasad K.** ‘Linearly Independent Elements in N-Groups with Finite Goldie Dimension’ *Bull. Korean Mathematical Society*, (**Korea**) 42 (3) 433-441, **2005**
9. Satyanarayana Bh., **Syam Prasad K.** and Kumar TVP “On Fuzzy Dimension of N-Groups with DCC on its Ideals” *East Asian Mathematical Journal* (**Korea**) 21(2) 205-216 (**2005**).

10. Satyanarayana Bh., **Syam Prasad K.** and Nagaraju D. “A Theorem on Modules with finite Goldie dimension” *Soochow Jr. of Mathematics*, (**Taiwan**) 32 (2) 311-315 (2006).
11. **Babushri Srinivas K., Syam Prasad K.** and Satyanarayana Bh. “The c-Prime Fuzzy Ideals of Nearings”, *Soochow Journal of Mathematics*, (**Taiwan**) 33(4) 891-901, (2007).
12. Satyanarayana Bh., **Syam Prasad K.**, Kumar TVP, and Srinivas T. “Some Results on Fuzzy Cosets and Homomorphisms of N-groups” *East Asian Mathematical Journal* (**Korea**), 23 (2007)1, 23-36.
13. **Babushri Srinivas K., Syam Prasad K.** and Satyanarayana Bh., “Equiprime, 3-Prime and c-Prime Fuzzy Ideals of Nearings”, *Soft Computing Springer* (**USA**), DOI 10.1007/s00500-008-0369 (Online) 2008.
14. Satyanarayana Bh., **Syam Prasad K.**, and Ram Prasad J. L. “Fuzzy Cosets of Prime Fuzzy Submodules” *Journal of Fuzzy Mathematics*, (**USA**) 17 (3) (2009) 595-603.
15. Satyanarayana Bh. **Syam Prasad K.** and **Babushri Srinivas K.** ‘Graph of a Nearing with respect to an Ideal’, *Communications in Algebra* (**USA**) **Taylor & Francis** (2010), 38 (5), 1957–1967.
16. Satyanarayana Bh., **Syam Prasad K.** and Nagaraju D. ‘Prime Graph of a Ring’, *Journal of Combinatorics, Information and System Sciences*, Vol. 35, 1-12, (2010).
17. Satyanarayana Bh., Godloza L., Babu Prasad M. and **Syam Prasad K.** ‘Ideals and Direct Products of Zero-square Nearings’, *International Journal of Algebra* (**Croatia**), Volume 4, 13-16, 2010.
18. **Babushri Srinivas K., Syam Prasad K.**, and Satyanarayana Bh., ‘Reference Points and Rough Sets’, *Information Sciences*, (**USA**), (**Elsevier**) 180 (2010) 3348–3361.
19. Venugopal, Ramana Murty and **Syam Prasad K.** ‘On Fuzzy Ideals of Semi-nearings’, Vol. 10, 2, pages 87 – 94 (2011).
20. Satyanarayana Bh., Srinivasulu D., **Syam Prasad K.** and Eswaraiah Setty ‘Some Results on Degree of Vertices in Semi total block graph and Total block graph’, *International Journal of Computer Applications*, 50, 9, 0975-8887, pages 19-22 (2012).
21. **Babushri Srinivas K., Syam Prasad K.** and Satyanarayana Bh. ‘Nearing Ideals, Graphs and Cliques’, *International Mathematical Forum*, volume 8, 2013, no. 2, 73-83.
22. **Babushri Srinivas K., Syam Prasad K.** and Satyanarayana Bh. ‘C-Prime Ideals in  $R^n[x]$ ’, *Int. J. Contemp. Math. Sciences*, Vol. 8, 2013, no. 3, 133 – 137.
23. Jagadeesha B. **Babushri Srinivas K.**, and **Syam Prasad K.** ‘Interval Valued L-Fuzzy Ideals based on t-norms and t-conorms’, *Journal of Intelligent Fuzzy Systems* (**IOS Press**), **Netherlands**, accepted (2015).

## Text Books Co-authored:

1. **Syam Prasad K.** and Satyanarayana Bh. “Finite Dimension in N-Groups and Fuzzy Ideals of Gamma Narrings”, VDM Verlag, **Germany, ISBN: 978-3-639-36838-3 (Monograph), 2011.**
2. Satyanarayana Bh., and **Syam Prasad K.** ‘Narrings, Fuzzy Ideals and Graph Theory’, CRC Press, Chapman & Hall, **Taylor & Francis Group (London, New York), ISBN 13: 9781439873106, 2013.**
3. Satyanarayana Bh., and **Syam Prasad K.** “Discrete Mathematics and Graph Theory” (U.G/P.G. level), **Prentice Hall India Ltd., ISBN 978-81-203-4948-3 (Second Edition), 2014.**

## Papers under review:

1. **Babushri Srinivas K, Syam Prasad K.** and Jagadeesha B. ‘**Different Prime Graphs of Narrings**’, Indian Journal of Pure and Applied Mathematics, (**Springer**) (under review).
2. **Syam Prasad K., Babushri Srinivas K.,** and Jagadeesha B. ‘Interval Valued L-Fuzzy Cosets and Isomorphism Theorems’, Afrika Matematika (**Springer**) (under review).

## Research Papers: (Full Paper Published in Proceedings):

1. **Syam Prasad K.** and Satyanarayana Bh. ‘A Note on IFP N-Groups’ Proc. of 6<sup>th</sup> Ramanujam Symposium on Algebra & Applications, 62-65, **1999.**
2. Satyanarayana Bh. and **Syam Prasad K.,** ‘On Finite Goldie dimension of  $M_n(N)$ -Group  $N^n$ , Proceedings of the 18<sup>th</sup> International Conf. on Narrings and Nearfields, (**Springer**) (**Germany**) 301-310, **2005.**
3. **Syam Prasad K.,** Satyanarayana Bh., and Subba Rao G.V. “Generalized Fuzzy Ideals of Gamma Narrings”, Proc. Of the National Seminar on Present Trends in Mathematics and its Applications, 111-118 (**2010**).
4. Satyanarayana Bh., **Syam Prasad K.,** Kumar TVP, and Mohiddin Shaw) “Some Results on Completely Semi Prime ideals in Gamma Narrings”, Proc. Of the National Seminar on Present Trends in Mathematics and its Applications, 101-105 (**2010**).

## Papers Presented in the Conferences:

### International:

1. 5<sup>th</sup> International Conf. on ‘Combinatorics, Statistics, Pattern Recognition and Related Areas’: **UNIVERSITY OF MYSORE, Mysore**, Dec. 19-22, 1998 (presented a talk: A Note on Complements in N-Groups with FGD and related Graph)
2. 6<sup>th</sup> International Conference on ‘Combinatorics, Statistics, and Related Areas’: **UNIVERSITY OF SOUTH ALABAMA, U.S.A.,** Dec.19-22, 1999 (presented a talk: A Note on Complements in Modules with FGD and related Graph).
3. International Symposium on Mathematics and its Applications, **UNIVERSITY OF CALCUTTA, Kolkata,** Nov. 13-15, 2002 (presented a talk entitled: A Theorem on Modules with Finite Goldie Dimension).

4. 18<sup>th</sup> International Conference on Narrings and Nearfields, *UNIVERSITAT DER BUNDESHWER*, Hamburg, **Germany**, 27-07-2003 to 03-08-2003 (Presented a talk entitled “On finite Goldie Dimension of a Module over a Matrix Nearing).
5. Joint India –American Mathematical Society International Conference (Sponsored by NBHM) held at I. I. Sc., Bangalore, during Dec. 17-20, 2003.
6. 19<sup>th</sup> International Conference on Narrings and Nearfields, *NATIONAL CHENG-KUNG UNIVERSITY*, Chi-Tou, Taipei, **Taiwan (R. O. C.)**, 31-07-2005 to 06-08-2005 (Presented a talk entitled “On Fuzzy Dimension of N-Groups with DCC on its Ideals).
7. International Conference on Radicals, National Taras University, Kiev **Ukraine**, 30-07-2006 to 05-08-2006. (Presented a talk entitled “Fuzzy Prime Ideal of a Gamma Nearing).
8. 20<sup>th</sup> International Conference on Narrings and Nearfields, *JOHANNES KEPLER UNIVERSITY OF LINZ*, **Austria**, 22-07-2007 to 28-07-2007. (Presented a talk entitled “Rough N-Subgroups”).
9. International Conference on Algebra and Related Topics, *CHULOLONGKORN UNIVERSITY*, Bangkok, **Thailand**, during 28-30, May 2008 (Presented a talk entitled “Homomorphism of Graphs”).
10. International Conference on Mathematics and Statistical Applications, *ANDALAS UNIVERSITY*, Padang, **Indonesia**, during 09-11, June 2009 (Presented a talk entitled ‘Fuzzy Cosets of Equiprime, 3-prime and C-prime Fuzzy Ideals of Narrings’).
11. International Congress of Mathematicians (ICM 2010), University of Hyderabad, Hyderabad, during 19-27 Aug 2010, presented a talk entitled “Line Graphs and Quasi Total Graphs”.
12. First Biennial International Conference on Group Theory BIGTC 2011, Universiti Tecknology Malaysia, Malaysia, during 14-18 Feb 2011, presented a talk entitled “Some Results on N-Groups with Finite Dimension”.
13. 24<sup>th</sup> International Conference on Narrings, Nearfileds and Related Topics, Southeastern Louisiana University, USA during 24-30 July 2011, presented a talk entitled “Gamma Narrings and  $(\in\vee q)$ -Ideals”.
14. International Conference on Combinatorial Matrix Theory and Generalized Inverses, Manipal University, Manipal during 10-11 Jan 2012, presented a talk entitled ‘Insertion of factors property in Matrix Narrings’.
15. International Conference on Radicals Rings and Modules, Sultan Qaboos University, Muscat (Oman), 20-26 Jan 2012, presented a talk entitled ‘Graph with respect to Module with Finite Goldie Dimension’.
16. Second Biennial International Group Theory Conference, Dogus University, Istanbul (Turkey), 04-08 Feb 2013, presented a talk entitled ‘Direct Systems in N-Groups with Finite Dimension’.
17. International Conference on Rings, Narrings and Radical, ‘Finite dimension of N-groups’, Bloemfontein (South Africa), University of the Free State.
18. ICM 2014 Seoul, ‘On the Ideal of Matrix Narrings’, 13-21 August 2014, Seoul (South Korea).

**National:**

1. 60<sup>th</sup> Indian Mathematical Society Conference: *University of Poona*, Pune, Dec. 1994.
2. 10<sup>th</sup> Ramanujan Mathematical Society Conference: Govt. P.G. College, *Rishikesh*, May 1995 (presented a talk: *On Different Types of Uniform Ideals in N- Groups*).
3. National Seminar in Algebra: *Nagarjuna University*, Nagarjuna Nagar, Oct. 1996 (presented a talk: *Prime Left Ideals in Near-Rings*)
4. 62<sup>nd</sup> Indian Mathematical Society Conference: *IIT Kanpur*, Dec. 1996 (presented a talk: *A Result on E- Direct Systems in N-Groups*)
5. 63<sup>rd</sup> Indian Mathematical Society Conference: New Arts Commerce and Science College, *Ahmednagar (University of Poona)* Dec. 1997 (presented a talk: *On N-Groups*).

6. 13<sup>th</sup> Ramanujan Mathematical Society Conference: *M.S. University*, Tirunelveli, June 1998 (presented a talk: *An Isomorphism Theorem on Directed Hypercubes of Dimension  $n$* ).
7. 6<sup>th</sup> Ramanujan Symposium on Algebra and its Applications: Ramanujan Institute for Advanced Study in Mathematics, *University of Madras*, Feb. 1999 (presented a talk: *A Note on IFP  $N$ -Groups*).
8. 15<sup>th</sup> Ramanujan Mathematical Society Conference: Ramanujan Institute for Advanced Study in Mathematics, *University of Madras*, June 1999 (presented a talk: *Linearly Independent Elements in  $N$ -Groups with Finite Goldie Dimension*).
9. 66<sup>th</sup> Indian Mathematical Society Conference: *DR. B.A.M. University, Aurangabad*, Dec. 2000 (presented a talk: *On Direct and Inverse Systems in  $N$ -Groups*, awarded **Best Research Paper Prize** in Algebra).
10. 67<sup>th</sup> Indian Mathematical Society Conference: *Aligarh Muslim University, Aligarh*, Dec. 2001 (presented a talk: *On Finite Goldie Dimension of  $M_n(N) - \text{Group } N^n$* ).
11. Two-day Seminar on Engineering Mathematics, *Sambhram Institute Of Technology, Bangalore*, Nov.2004.
12. International Seminar on Algebra and Allied Topics, *S.S.& N. College (P.G.), Narasaraopet, A.P. Jan 3<sup>rd</sup> 2006* (Presented a talk: *On Fuzzy Submodules*).
13. Two-day National Seminar on Algebra and Graph Theory, *Acharya Nagarjuna University, Nagarjuna Nagar, Jan 4-5, 2006* (Presented a talk: *On Prime fuzzy submodules*).
14. National Seminar on Algebra and Applications, *Sri Padmavathi Mahila University, Tirupathi, Dec. 27-28, 2006*. (Presented a talk: *On Fuzzy Cosets and Ideals of Gamma Nearings*).
15. 42<sup>nd</sup> Annual Conference of Association of Mathematics Teachers of India, Lalbahadur College, Warangal, A.P, 27-30 Dec. 2007. (Presented a talk: *Introduction to Rough Set Theory*).
16. National Conference on Algebra and its recent trends, VSR & NVR College, Tenali, 11-12, Sept, 2008. (Resource Person: Finite Goldie dimension in  $N$ -groups).
17. National Seminar on Present Trends in Mathematics and its Applications, S.G.S. College (PG), Jaggaiahpet, Invited talk entitled “Fuzzy Ideals of Gamma Nearings”, Nov. 11-12, 2010.

#### **Workshops:**

1. Three day workshop on “Object Oriented analysis and design using UML with fundamentals of Rational Rose” during 21-23 April 2008, (organized by IBM), held at Manipal Institute of Technology.
2. Undergone training program on *High Impact Teaching Skills-Mission 10X*, organized by conducted by Wipro Technologies, during 29 Nov – 03 Dec 2010, Manipal Institute of Technology, Manipal.
3. Three day workshop on “Predictive Mathematical Models in Science and Engineering”, Mar 15-17, 2011.
4. Two-day workshop on “Linear Algebra and Engineering Applications”.
5. National Workshop: Getting Started with MATLAB and Simulink, Manipal Institute of Technology, Manipal.
6. National Workshop: Perspectives in Science Education and their Relevance to Technology 15-16 March 2013, Manipal Institute of Technology, Manipal.



***Subjects Taught:***

**UG Level:** Complex Analysis, Numerical Methods, Partial Differential Equations, Vector Calculus, Discrete Mathematics, Advanced Discrete Mathematics (Concrete Mathematics), Probability, Statistics and Stochastic Process, Operations Research, Fourier series, Fourier Transform, Engineering Mathematics for Semesters I, II.

**Post Graduate Level:** (M.Tech. and M.Sc.) Algebra, Linear Algebra, Application Oriented Algebra, Topology, Functional Analysis, Rings and Modules.

***Extra-Curricular Activities:***

N.C.C. 'C'- Certificate, the 8<sup>th</sup> Andhra Naval Unit, NCC, Vijayawada, A.P.

***Professional Recognition:***

1. Life Member (since 1995) – Indian Mathematical Society.
2. Life Member (since 1997) – Ramanujan Mathematical Society.
3. Life Member (since 1999) – International forum for Interdisciplinary Mathematics (USA)
4. Life Member (since 2000) – Association for the Improvement of Math. Education.
5. Life Member (since 2002) – Andhra Pradesh Society for Mathematical Sciences.
6. Life Member (since 2002) – Ramanujan Mathematics Academy (A. P.)
7. Life Member (since 2004) – Bombay Mathematical Colloquium.
8. Life Member (since 2006) – Indian Science Congress Association.
9. Life Member (since 2013) - International Association of Engineers (Hong-Kong)

***Additional Responsibilities in MIT Manipal University:***

1. Warden MIT Hostel
2. Teacher Guardian

Signature