

Profile

Name :: Dr.N.Sulochana
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Degrees Obtained

Degree	University	Field of Specialization
B.Sc.,	Sri Venkateswara University, Tirupati.	Mathematics –Physics- Chemistry
M.Sc.,	Sri Venkateswara University, Tirupati.	Operations Research, Mathematical Statistics
Ph.D	Yogi Vemana University, Kadapa	Algebra (Semi-rings)

Years of Experience :: 2 Years

Memberships in Professional Bodies :: ISTE

Research Papers Published :: 13

1. “Structure of Semirings and Ordered semirings”, International Journal of Mathematical Archive, 3(3)-2012, page 994-999.
2. “Semirings Satisfying the Identities”, International Journal of Mathematical Archive, 3(9) - 2012, 3393- 3399.
3. “On The Additive and Multiplicative Structure of Semirings”, Annals of Pure and Applied Mathematics, Vol. 3, No. 1, 2013, 78 – 84.
4. “Some Studies on Semirings” International Journal of Mathematics Trends and Technology, Volume 4 Issue 11 – December 2013.
5. “Properties of Completely Regular Semirings” South east Asian Bulletin of Mathematics” (2016) 40: 923–930.

6. "Structure of Some Idempotent Semirings", Journal of Computer and Mathematical Sciences, Vol.7(5), 294-301, May 2016.
7. "A Study on the class of Semirings" International Journal of Modern Research in Engineering and Technology (IJMRET), Volume 1 Issue 2 , July 2016. Page 5-7.
8. "A Note on Left Regular Semiring", Int. Journal of Engineering Research and Application, Vol. 6, Issue 8, (Part -4) August 2016, pp.08-10.
9. "Structure of Multiplicatively Sub idempotent Semirings" International Refereed Journal of Engineering and Science (IRJES), Volume 5, Issue 8 (August 2016), PP.29-32.
10. "On The Structures of Regular Semirings", World Journal of Engineering Research And Technology, wjert, 2016, vol. 2, issue 5, 245 -253.
11. "A study on the Classes of Semirings and Ordered Semirings" Advances in Algebra ISSN 0973-6964 Volume 9, Number 1 (2016), pp. 11-15.
12. "Classes of K-Regular Semiring", IOSR Journal of Mathematics (IOSR-JM). Volume 12, Issue 5 Ver. I (Sep. - Oct.2016), PP 70-71.
13. "A simple study on the structures of zeroid and ordered semirings," International Research Journal of Advanced Engineering and Science, Volume 1, Issue 4, pp. 26-28, 2016.

Conferences Attended :: 10

1. National seminar on "Algebra analysis and Discrete Mathematics" Department of Mathematics, University of Kerala, Thiruvananthapuram, Feb. 8-10, 2012.
2. National seminar on "Mathematical Modeling in Science and Technology" on February 27th-28th 2013 at Skr & Skr Govt. Degree College for Women, Kadapa

3. National seminar on “Recent developments in Algebra and its Applications to Science and Technology”, S K University, Anantapur on 29th–30th November 2013.
4. International Conference on “Semigroups Algebras and Operator Theory” Cochin University of Science and Technology, Kochi, Kerala on Feb 26th to 28th 2014.
5. National Seminar on “Recent trends in Digital Image Processing and Applications”, Yogi Vemana University, Kadapa.
6. International conference on “Applications of Fluid Dynamics” (ICAFD-2014), July 21st -23rd, 2014, S.V. University, Tirupati.
7. National Seminar on “Physical, Biological & Social Sciences at Degree Level” held on January 5th & 6th, 2015 at the K.S.N Govt. Degree College for Women, Anantapur.
8. National Conference on “Recent Developments in Applications of Mathematics in Science & Engineering” at Annamacharya Institute of Technology And Sciences, Rajampet on January 10th -11th, 2015.
9. National seminar on “Frontiers in Mathematics” 18th and 19th March, 2015 at Yogi Vemana University, Kadapa organized by Department of Applied Mathematics.
10. National seminar on “Recent Trends and Challenges in Mathematical Sciences” 28th and 29th November, 2015 at Sri Krishnadevaraya University, Anantapuramu, organized by Department of Applied Mathematics.

Workshops Attended :: 12

1. International workshop on “Mathematical and Computational fluid dynamics” 13th–15th, December 2010 at Satyabama University, Chennai.

2. National Workshop on “Discrete Mathematics Algebra and their applications” in Yogi Vemana University on February 7th – 11th, 2011.
3. UGC sponsored two day National Seminar on “Present Trends in Algebra and its Applications” at JMJ College for Women (Autonomous) Tenali, Guntur during 11th & 12th July, 2011.
4. XX Congress of APSMS & National Conference on Mathematical Modeling & Simulation, 9th- 11th December 2011”, at Swarna Bharathi Institute of Technology, Khammam.
5. National Workshop on “Recent Trends on Mathematical Applications”, March 28th, 2012 at Yogi Vemana University, Kadapa.
6. National Seminar on “Advances in fluid dynamics”, 30th May 2013 at Sri Venkateswara University, Tirupati.
7. National Workshop on “Recent Trends on Cloud Computing”, September 26th, 2012 at Yogi Vemana University, Kadapa.
8. National Seminar on “Recent Developments in Mathematical Sciences”, 28th June 2013 at Sri Venkateswara University, Tirupati.
9. National Workshop on “Mathematics and its Applications” on Feb 04th to 6th 2014 at Yogi Vemana University, Kadapa.
10. National workshop on “Environmental protection and Management” Feb 14-15th 2014, Yogi Vemana University, Kadapa.
11. National workshop on “Quantitative Methods in Economics”, March 05-07th 2014, Yogi Vemana University, Kadapa.
12. One day workshop on “Innovations in Technology”, on 9th December, 2015 at JNTUA, Ananthapuramu.