

## PROFILE

**NAME** : Dr. Jyothi. V  
**DESIGNATION** : Lecturer, Department of Mathematics.  
**QUALIFICATION** : M. Sc., Ph. D  
**EXPERIENCE** : 10 Yrs  
**Technical Qualification** : M.S. Office, C, C++, MATLAB, Latex.  
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## Publications

1. **Semipseudo Symmetric Ideals in Partially ordered Ternary Semigroups**  
IJRD, Volume 3, Issue 4, April 2014.
2. **Right and lateral ideals in ternary semigroups**, GJPAM(2017), Vol – 11, November 2015, PP 031-2037..
3. **Right ideals in  $\Gamma$ -semigroups**, IJPAM, Vol-114, No-3, 2017, PP 515-521.
4. **Characterization of 2-primal SN  $\Gamma$  - semigroups**, IJPAM, Vol-114, No-4, 2017, PP 875-880.
5. **Left Gamma filters on Gamma Semigroups**, International Journal of Chemical Science, Vol-15, Iss 1, March(2017).
6. **On Strongly Duo And Duo Left  $\Gamma$ -Ts-Acts Over Ternary  $\Gamma$ -Semigroups**, IJPAM, Vol- 113, No-7.2017, 1-7
7. **Prime and Maximal ideals in  $\Gamma$  - semigroups**, IJPT,(2017) vol-9, Iss-2,
8. **2-Primal  $\Gamma$  - semigroups**, IJPT,(2017) vol- 9, Iss-3, PP 30540-30552.
9. **Strongly prime ideals in  $\Gamma$  - semigroups**, International Journal of Chemical Science, Vol: Iss-4:
10. **A Study on Unsteady MHD Free Convection And Mass Transfer Flow Past A Vertical Porous Plate** Mathematical Sciences International Research Journal : Volume 5 Spl Issue (2016) ,Issn 2278-8697
11. **A Note on co-ideals in ternary semi group** IJMTST.Vol-2, Issue -7, July -2016, ISSN 2455-2631
12. **An application of Gauss Elimination Technique to Magic Square** International Journal of Scientific Development and Research , Volume 4, Issue 1 January 2019, ISSN: 2455-2631.

13. **Execution of System of Linear Equations in Electrical Networks** International Journal for Research in Applied Science & Engineering Technology, Volume 6 Issue XII, Dec 2018- ISSN: 2321-9653.
14. **Implementation Of System Of Linear Equations To Traffic Flow For A Network Of Four One-Way Streets In Benz-Circle Vijayawada**, International Journal For Research In Applied Science & Engineering Technology , Volume 7, Issue I, Jan 2019, ISSN: 2321-9653
15. **Temperature Distribution Using Linear Equations**, International Journal For Trends In Science And Technology, Vol-5, Issue 1, Jan -2019.ISSN:2455-3778.
16. **An Application to Markov Chain**, International Research for Engineering and Technology, Vol 6, Issue 1, Jan 2019, ISSN: 2395-0072.
17. **Some Note On Elimination Theory**, International Research for Engineering and Technology, Vol 6, Issue 1, Jan 2019, ISSN:2395-0072.
18. **Application of Polygraphic System In Encoding**, Ijsrr, Vol 8, Issue 1, Jan 2019, Issn No: 2279-543x,
19. **Implementation of Linear Algebra In Balanced Equation**, IJRASET, Issn: 2321-9653, Vol-6, Issue XII, Dec-2018.
20. **A Study On Matrices in Elimination Theory**, Issn: 2455-2631, IJSDR, Vol-4, Issue-1, Jan2019.
21. **Coupled Oscillators And Eigen Values**, IJMTST, Issn; 2455-3778, Vol-05, Issue: 01, Jan -2019.
22. **Application To Markov Chain**, IJMTST, Issn: 2455-3778, Vol-05, Issue: 01, Jan -2019.

**Papers Presented** : 9

**Seminars/Guest Lectures Participated** : 5

**Workshop/FDP/Training Programs Participated:** 3

**Achievements/Awards:** Awarded Ph.D. in January 2019 on “Theory of Radicals and Two Primal Gamma SemiGroups” from K.L. University under the guidance of Prof. Y.Sarala, NIT, A.P.

**COMMITTEES:** Member in Eco-club, placements cell, Research committee.