

Name: Dr.E. Prasad
 Designation: Asst Professor
 Department: H&S(Mathematics)
 Mail I'd:prasad_e@vnrvjiet.in



Experience (in years): 13 Teaching: 13 Research: External (07) Others (if any, specify):

1. Educational / Technical qualifications:

| S.No | Level (UG / PG / Ph.D) | Year of passing | Specialization |
|------|------------------------|-----------------|---------------------------------------|
| 1 | UG-BSc | 2005 | Maths,Statistics,Comp.Sci |
| 2 | PG-MSc | 2007 | Mathematics |
| 3 | Ph.D.-Mathematics | 2018 | Mathematics and Software Technologies |

2. Teaching and Learning:

- 2.1. Teaching Interests: UG(B.Tech),PG(MBA)
- 2.2. Novel Teaching & Learning Techniques adopted: Software like GeoGebra Software I used to teach Mathematics
- 2.3. Involvement in curriculum updating / Design: Advanced Mathematics Topics like Mathematical Programing I and II, Mathematics in Artificial Intelligence in Data Science

3. Co-curricular and Extra-Curricular Activities

- 3.1. Interests and Hobbies: Interest in reading Mythological, Devotional, playing shuttle and cricket
- 3.2. CCA/ECA Organized:-There is club when I was in VBIT called “Ganith Club” under which activities seminars, Quiz national level have conducted
- 3.3. CCA/ECA participated: Nil
- 3.4. Counselling and Mentoring Activity: Yes(B.Tech level)
- 3.5. Committees involved in:

Department level: Deputy HoD-H&S, Curriculum Committee, Department Audit Committee
 Institute Level: Discipline, Academic Committee, Faculty and Staff Affairs,

4. Conference / Workshop / Seminar / Guest Lectures :

- 4.1 Conducted: National Conference on Mathematics in December 2015 at VBIT in collaborating with APTSMS
- 4.2 Attended:

- 1. Participated and presented a paper entitled “Divergent Solutions of Linear Programming Problem (LPP) and System of Linear Equations(SLE) for a Particular Coefficient Matrix” 1st International Conference on Mathematical Techniques and Applications Organized by Department of Mathematics January 30th, 31st & 1st February, 2020 Organized by Department of Mathematics, SRMIST, Chennai, India
- 2. Participated and presented a paper entitled “Solution behavior of homogeneous Linear system of differential equations $x'(t) = Ax(t)$, A is Symmetric matrix ” International Conference on Mathematical Sciences and Applications (ICMSA) (First International Conference of APTSMS) August 9-11, 2019 Organized by Department of Mathematics School of Technology GITAM (Deemed to be University) Hyderabad, Telangana, India
- 3. Participated and presented a paper entitled “Divergent Solutions of Linear Programming Problem and System of Linear Equations for a Particular Coefficient Matrix” in an International Conference on Numerical Optimization in Engineering and Sciences (NOIEAS-2019),NIT(REC) Warangal, on 19 -21 June, 2019 conducted by Department of Mathematics NIT Warangal. India

4. Participated AICTE Sponsored 3 day Faculty Development at Institute of Aeronautical Engineering(IARE) Dundigal ,Hyderabad during 09-05-2019 to 11-05-2019,India
5. Convener of One Day Seminar on “Applications of Mathematics In Science and Technology (A TSCOST Sponsored seminar) on 29th March 2019, Organized by Department of Mathematics at Vignana Bharathi Institute of Technology ,Hyderabad Telangana-India
6. Participated and Presented a paper on topic “An Anty Identity Matrix J and Its Properties” in a National Conference on Computational Modeling of Fluid Dynamics Problems (CMFDP-2019)In memory of late Prof. T.K.V. Iyengar on the eve of his birth anniversary &On the occasion of Diamond Jubilee celebrations Of NIT Warangal in January 18 - 20, 2019. Organized by Department of Mathematics National Institute of Technology Warangal, Warangal 506 004. Telangana State, India.
7. Participated and Presented a paper on “Introducing Plus Matrix and its Properties” in XXVII Silver Jubilee Congress Andhra Pradesh Society For Mathematical Sciences (Regd.No.1310/1986) National Conference On Recent advances on Mathematics 8th -10th December, 2018, organized by Department of Mathematics ,Merie Stella College (Autonomous), Accredited by NAAC A -Vijayawada, Andhra Pradesh- India
8. Participated 5 day National workshop on Applications of Mathematics in engineering during 18-23 June 2018 at Nalla Mallareddy engineering college at Ghatkeser Medchal Dist ,Telangana, India
9. Participated in Faculty Development Programme on FEM and ABAQUS SOFTWARE held at VBIT from 26th to 30th June, 2018 Organized by Department of Civil Engg.India
10. Participated and Presented a paper on “Introducing Google Drive and Its Applications in Teaching and Learning of Mathematics” in International Conference on Mathematical Sciences & Engineering Applications (ICMSEA) – 2016, on 23rd ,24th & 25th December, 2016, Organized by Department of Mathematics, BITS Vizag,Visakhapattanam. Andhra Pradesh-India
11. Participated and Presented a paper on “Teaching and Learning Mathematics Using Social Media and Technology” in XXV Silver Jubilee Congress Andhra Pradesh Society For Mathematical Sciences (Regd.No.1310/1986) National Conference On Emerging Trends In Mathematical Sciences and Applications In Engineering Sciences 9th - 11th December, 2016, organized by Department of Mathematics NBKR Institute of Science & Technology(autonomous) affiliated to JNTUA, Anantapuramu. A.P-India
12. Participated in “MATLAB EXPO 2016 “conducted at Hyderabad on 28th April 2016.
13. Attended “One week -Advanced Workshop on Dynamical Models in Ecological,Epidemiological Sciences and Engineering – Theory, Computations and Real World Applications” conducted by IIT Bombay, National Programme on Differential equations Theory-Computational and Applications(NPDE-TCA) Sponsored by Department of Science and Technology(DST, Govt of India)- at Stanley college of Engineering and Technology for Women, Hyderabad during March 14th – 19th 2016,India
14. Organizing Coordinator of “Two – day Work Shop on Use of Technologies for Teaching and Learning of Engineering Mathematics ” Organized by Department of Mathematics JNTUH College of Engineering Hyderabad , on 24th & 25th July, 2015,India
15. Participated and presented a paper titled Google Plus and Its Features in Teaching and Learning, Proceedings published by ELSEVIER Journal with ISBN – 978-93-5107-261-4,pp- 652-656 in an International Conference on Mathematical Sciences (ICMS-2014) at Sathyabama University Chennai, India in Association with University of Central Florida ,USA, during 17th to 19th of July 2014,India

16. Participated and presented in XVIII Asian Technology Conference in Mathematics in Indian Institute of Technology Bombay(IITB), Mumbai, India, 6th and 7th Dec-2013(with ISBN- 978-0-9821164-70), ,India
http://atcm.mathandtech.org/EP2013/pages/2013_abstracts.html#regular
17. Participated and presented a paper in an International Conference on Innovative Technologies LINC 2013 at **Massachusetts Institute of Technology [MIT], USA**, June 2013.
<http://linc.mit.edu/linc2013/proceedings/Session8/Session8Prasad.pdf>
18. Participated and presented a paper in an International Conference on Emerging Trends in Engineering held at Geeta group of Institutions, held at Paniput during Oct 14th, 2012, India

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures:

E. Prasad, Assoc. Professor, Dept. of Mathematics, Vignana Bharathi Institute of Technology, Ghatkesar, R.R. Dist., A.P., has acted as a Resource Person for the UGC sponsored three Week Refresher Course on “Mathematical Modelling and its applications for Engineers and Scientists” scheduled from 25-02-2013 to 16-03-2013 and delivered lecture session on “Social Media in Education” on 06-03-2013 (2.00 to 5.15 pm), at UGC- Academic Staff College, JNTUH, Kukatpally, Hyderabad.

5.2. Articles / Chapters published in Books: Nil

5.3. Books published as single author or as editor: Nil

5.4. Projects Guided :

a) UG : Nil b) PG : Nil

5.5. Research Interests : Algebraic Differential Equations and Mathematical Modelling

5.6. Ph.D students :

a) Enrolled : b) Submitted : c) Awarded :

5.7. Papers published in reviewed journals :

| S.No | Title of the Paper | Journal Name Vol.No. PP | ISBN/ISSN No. | Impact Factor/ Citation Index | National/ International |
|------|--|---|---|-------------------------------|-------------------------|
| 1 | Divergent Solutions of Linear Programming Problem (LPP) and System of Linear Equations (SLE) for a Particular Coefficient Matrix | https://doi.org/10.1063/5.0026264 | ISSN: 0094-243X (print); 1551-7616 (web). | 0.40 | International |
| 2 | Solution behavior of homogeneous linear system of differential equations $x'(t) = Ax(t)$, A is Symmetric matrix | https://doi.org/10.1063/5.0014579 | ISSN: 0094-243X (print); 1551-7616 (web). | 0.40 | International |
| 3 | Vectors of Identity matrix are the only | International Journal of Applied Engineering | 0973-4562), | 0.67 | National |

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|---|---|---|-------------|------|----------|
| | Solution for a Special Linear System of Equations and Linear Programming Problems | Research (IJAER) | | | |
| 4 | The Role of Social Media in Teaching, Learning of Mathematics | International Journal of Applied Engineering Research (IJAER) | 0973-4562), | 0.67 | National |

5.8. Papers presented at National / International Journals :

| S.No | Title of the Paper | Names of the Conference/ Seminars | National/ International | Period |
|------|--|--|-------------------------|-------------------------------|
| 1 | Divergent Solutions of Linear Programming Problem (LPP) and System of Linear Equations (SLE) for a Particular Coefficient Matrix | 1 st International Conference on Mathematical Techniques and Applications | International | January 30-1st February, 2020 |
| 2 | Solution behavior of homogeneous Linear system of differential equations $x'(t) = Ax(t)$, A is Symmetric matrix | International Conference on Mathematical Sciences and Applications (ICMSA) (First International Conference of APTSMS) | International | August 9-11, 2019 |
| 3 | Divergent Solutions of Linear Programming Problem and System of Linear Equations for a Particular Coefficient Matrix | International Conference on Numerical Optimization in Engineering and Sciences (NOIEAS-2019), NIT(REC) | International | June 19 -21, 2019 |
| 4 | An Anty Identity Matrix J and Its Properties | National Conference on Computational Modeling of Fluid Dynamics Problems (CMFDP-2019) In memory of late Prof. T.K.V. Iyengar | National | January 18 - 20, 2019 |
| 5 | Introducing Plus Matrix and its Properties | XXVII Silver Jubilee Congress Andhra Pradesh Society For Mathematical | National | December 8 -10, 2018 |

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|----|---|--|---------------|----------------------|
| | | Sciences (Regd.No.1310/1986) National Conference On Recent advances on Mathematics | | |
| 6 | Introducing Google Drive and Its Applications in Teaching and Learning of Mathematics | International Conference on Mathematical Sciences & Engineering Applications (ICMSEA) | International | December 23-25, 2016 |
| 7 | Google Plus and Its Features in Teaching and Learning | International Conference on Mathematical Sciences (ICMS-2014) in Association with University of Central Florida ,USA | International | July 17-19 2014, |
| 8 | Mathematics Teaching, Learning and Assessment using Latest ICT trend Social Media | XVIII Asian Technology Conference in Mathematics in Indian Institute of Technology Bombay(IITB) | International | December 6-7 ,2013 |
| 9 | Innovate - Social Media and Open Source in Higher Education | International Conference on Innovative Technologies LINC 2013 at Massachusetts Institute of Technology [MIT], USA | International | June 16-19, 2013 |
| 10 | Social Media in Teaching and Learning | International Conference on Emerging Trends in Engineering | International | Oct 14th, 2012 |

5.9. Sponsored research Projects:Nil

| S.No | Title | Agency | Period | Grant amount | Ongoing / Completed |
|------|-------|--------|--------|--------------|---------------------|
| | | | | | |

5.10 Consultancy Projects:Nil

| S.No | Title | Agency | Period | Sanctioned Amount | Ongoing / Completed |
|------|-------|--------|--------|-------------------|---------------------|
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6. Awards / Honors received:

State 4th Rank in Mathematical Olympiad conducted by APMAT (Andhra Pradesh, Association of Mathematics Teachers) and a Medal-2005

7. Motto:

“Hard work and Success are always proportional”