

BIO-DATA OF TAMMAREDDY ANURADHA



NAME : TAMMAREDDY ANURADHA

DATE OF BIRTH : 05-06-1982

Academic Qualifications:

S.No	Qualification	Institution / University	Year of Passing	Percentage
1.	Ph.D.	Krishna University	2023	---
1.	M.Sc. Mathematics	P.B. Siddhartha college of arts & science, Vijayawada	2004	82
2.	B.Sc. (PMC)	SDMSM Kalasala, Vijayawada	2002	80
3.	Intermediate	SDMSM Kalasala, Vijayawada	1999	84
4.	S.S.C	Z.P.P.G. High School, Vijayawada	1997	86

- **Qualified APSET**

Teaching Experience : 19 years

Research Experience : 16 years

Present Position : Assistant Professor, Department of Mathematics, P.B. Siddhartha college of arts & Science, Vijayawada.

Worked as a lecturer in the P.G. Department of Mathematics in S.D.M.S.M.K. Vijayawada from 2004 to 2008.

Other Positions : Member in NAAC CRITERION-II , Quality Circles, Committee for People with Special needs, Program in charge for M.Sc. Mathematics.

Papers Taught : Algebra, Real Analysis-I, Real Analysis-II, Algebraic coding theory, Lattice theory, Functional Analysis, Operator theory, Numerical methods with C, Mathematical Methods, Analytical Number Theory, Discrete Mathematics, C Programming, Operations Research, Graph Theory and Algorithms, Linear Algebra, Discrete Mathematics, Optimization Techniques, Mathematical and Statistical Foundations.

Research papers published:

- published a research paper entitled “On Prime Hyperideals in Ternary semihyperring” in Advances and Applications in Mathematical Sciences, Vol. 21, Issue 11, September 2022, p. 6385-6399, ISSN:0974 - 6803. **(Web of Science indexed)**
- published a research paper entitled “Characteristics of hyperideals in Ternary semihyperrings” in Communications in Mathematics and Applications, Vol. 13, Issue 2, June 2022, ISSN:0976-5905. **(Web of Science indexed)**
- Published a research paper entitled Structure of Regular and Idempotent Ternary Semihyper rings” in Turkish Journal of Physiotherapy and Rehabilitation, August 2021, ISSN: 2651-446X.
- Published a research paper entitled “Rayleigh based ordered statistics: SPRT” in international journal of computer engineering in Research Trends, with Volume 2, Issue 8, pp. 523-529, August-2015.

Paper Presentations:

- **presented a paper** entitled “Towards Students Performance Integrated Feedback For Better Assessment For Quality Improvement: An Innovative Proposal” in the “Innovative mechanisms & standards for Assuring Quality in Higher Education Institutions (IAQHEI)”, 29 – 30, January 2021 organized by **KL University**.
- **presented a research paper** entitled “Almost Gamma Hyperideals in Gamma Semihypergroups” in the 2nd Annual Convention of North East Academy of Science and Technology & International seminar on Recent Advances in Science and Technology(ISRAST), organized by NEAST, Mizoram University, Mizoram during 16-18, November 2020.

- **presented a research paper** entitled “Right Morphic Group rings” in the UGC Sponsored National seminar RTMSA-2019 organized by Acharya Nagarjuna University during 24- 25, January 2019.
- **presented a paper** on “ A Study of Commutative Semigroup Rings which are Principal Ideal Rings” in a UGC Sponsored two day National workshop on “Rings and Near Rings with Special Emphasis on Gamma Near-Ring Theory” held at Acharya Nagarjuna University, Guntur, during 29-30, November 2019.

Online Certification Courses Completed:

- Completed an 8 weeks online certification course on “ Introduction to Coding theory” from IIT Gauhati.
- Completed 7 online courses from COURSERA.

Seminars workshops/Guest lectures attended:

- Participated in 16th International conference on “Mathematical Sciences for Advancement of Science and Technology” during December 21-23, 2022, organized by IMBIC, India.
- Participated in one week online FDP on “Enhancing The Academic and Intellectual Environment In The Higher Educational Institutes” from 11–16th July, 2022, organized By Krishna University, Machilipatnam.
- Participated in one week online FDP on “Intellectual Property Rights: Emerging Issues & Challenges” from 20–24th June, 2022, organized by Krishna University, Machilipatnam.
- Participated in one day International Webinar on “Building Climate Ready Communities: Role of Scientific Research and Circular Economy” on 10th November 2021, organized by University College of Arts & Science (UCAS), Krishna University , Machilipatnam.
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- Participated in a Webinar on National Webinar on " Fascinating world of Mathematics and its Applications to blood flows" organized by P.B.Siddhartha College of Arts & Science.
- Participated in an online Certificate course on Digital Teaching Techniques by ICT Academy.
- Participated in a Webinar on New National Education Policy-2020 organized by PVPSIT.
- Participated in a Webinar on Linear Algebra and its Applications organized by Gudlavalleru Engineering College.
- Participated in a Webinar on Matrices and their applications in Engineering organized by RGUKT, Nuzivedu.
- Participated in a Webinar on Strategies to be adopted in publishing research article in the Elsevier domain organized by Lakireddy Balireddy College of Engineering.
- Participated in a Webinar on “ Role of ICT in Education sector and its impact on students, faculties and policy makers” organized by St. Joseph’s College of arts and science, Cuddalore from 1-3rd June, 2020.
- Participated in the one day FDP on “Research Methodology- Methods and Best Practices” organized by Santhiram Engineering College, Nandyal on 07-05-2020.
- Participated in Two Week FDP on “Data Science using Python” organized by Department of Information Technology , LBRC College of Engineering from 15-05-2020 to 24-05-2020.
- Participated in the Five day FDP on “Artificial Intelligence and Machine Learning” conducted by Department of Computer Science, CMR Blackbuck Campus, Hyderabad, from 18-22nd May,2020.
- Participated in the Five day FDP on “Introduction to Data Science” conducted by Guntur Engineering College, JNTU, Kakinada from 18-22nd May, 2020.
- participated in the Five days FDP on “ Online Teaching tools for Video Lecturing and Digital e-Learning” organized by IQAC, SIR C R REDDY College, Eluru from 19-23, May, 2020.
- participated in the FDP on “Tools for Online Classroom Post Covid-19” organized by Department of Computer Science, PB Siddhartha College of Arts and Science, from 18th to 20th May,2020.

- participated in the FDP on “ Mathematical and Statistical Modelling” organized by Department of Mathematics and Statistics, Godavari Institute of Engineering and Technology, Rajahmundry, from 26-30th May, 2020.
- participated in the Three day FDP on “Improving Your Research Visibility- Research Impact and Metrics” organized by Research and Development cell and IQAC, Velalar College of Engineering and Technology, Tamilnadu from 11th to 13th May, 2020.
- participated in the two day international webinar on “Fluid Dynamics and it’s applications” organized by Department of Mathematics, Government First Grade College, Bengaluru from 28th to 29th May, 2020.
- participated in the seminar on “ Job skills to succeed in a Post Pandemic World” conducted by ICT Academy on 24th April 2020.
- participated in the webinar on “ Good Teacher to Great Teacher” conducted by ICT Academy on 14th May 2020.
- participated in an online Quiz conducted by the Department of Mathematics, D.N.R.College, Bhimavaram on 30-05-2020.
- participated in an online Quiz conducted by Department of Commerce and Management , K.B.N.College, Vijayawada.
- Participated in an FDP on “Moodles: A Learning Management System” from 10th to 14th June, 2019 conducted by IIT Gauhati.
- Participated in the Science Academy sponsored workshop on **Fluid Mechanics** organized by the Department of Mathematics & Statistics, K.B.N.College, Vijayawada during 4-5, October 2018.
- Participated in the one day **National Seminar on Mathematics** on 12th November 2017, organized by AP & TS Mathematical Society in collaboration with the Department of Mathematics, Acharya Nagarjuna University.
- Participated in the faculty development programme on ‘**Technology in the Classroom**’ held on 4th November 2016 at Sri Durga Malleswara Siddhartha Mahila Kalasala , Vijayawada.

- Participated in the one day National Seminar on Recent Advances in Algebra on 23rd October 2016, organized by SSN College in collaboration with Acharya Nagarjuna University, held at SSN College, Narasaraopet.
- Participated in the faculty development program on ‘**Effective teaching**’ held on 24th October 2016 at P.B. Siddhartha college of Arts & Science, Vijayawada.
- Participated in the National Seminar on “**Recent Advances in Mathematical Sciences**” held on 12th February 2016 at Andhra Loyola College, Vijayawada.
- Participated in the UGC Sponsored National Seminar on “**Advances in Mathematical Sciences**” held on 28th November 2015 at K.B.N. college, Vijayawada.
- Participated in the NBHM sponsored instructional workshop on “**Operator Theory**” held at Institute of Mathematics & Applications, Bhubaneswar during 7th-12th, December, 2009.

Other Positions Held:

1. Academic Counselor & Examiner for Dr. B.R. Ambedkar Open University.
2. Examiner for Krishna University and Acharya Nagarjuna University.
3. Paper Setter for M.Sc. Mathematics in Andhra Loyola College, J.K.C and K.B.N. College.

(T.ANURADHA)