

Curriculum Vitae

Name : **Dr. UPENDER REDDY GANGA**

Designation : **Professor**

Place of work : **Department of Mathematics, University College of Engineering(A), Osmania University, Hyderabad – 500007.**

Education : Ph. D Jawaharlal Nehru Technological University, Hyderabad
December – 2007.

M. Sc., Mathematics, JNTU College of Engineering, JNT
University, Hyderabad October – 2000.

B. Sc., (M. C. IC), A. V. College, Osmania University, Hyderabad
April – 1998.

Teaching Experience : Working as Professor in the Department of Mathematics, University
College of Engineering (A), Osmania University from 24th April
2025 to till date.

Worked as an Associate Professor in the Department of
Mathematics, Nizam College (A), Basheerbagh, Hyderabad
from 9th September 2021 to 24th April 2025.

Worked as an Assistant Professor in the Department of
Mathematics, Nizam College (A), Basheerbagh, Hyderabad from
7th September 2013 to 8th September 2021.

Worked as an Assistant Professor of Mathematics
(Sr. Scale) in the Department of Mathematics & Humanities
Mahatma Gandhi Institute of Technology (MGIT),
Gandipet, Hyderabad from 17th June 2005 to 6th September 2013.

Worked as a Lecturer in Department of Mathematics
JNT University College of Engineering, JNT University,
Hyderabad from 4th December 2000 to 30th April 2005.

Subjects Taught : Ordinary Differential Equations, Differential Calculus, Abstract
Algebra, Linear Algebra, Real Analysis, Numerical Analysis,
Engineering Mathematics – I, II, III & IV and Probability &
Statistics.

Title of the Thesis	:	On Special Types of Numbers in Certain Generalized Recursive Sequences
Research Interest	:	Graph Theory, Number Theory and Analysis
No. of Research Papers Published	:	35
No. of Ph. D's Awarded	:	3
No. of Ph. D Scholars Pursuing	:	5
No. of Paper Presentations in International/National Conferences and Seminars	:	34
No. of Conferences/Seminars/ Workshops/FDP's Participated	:	30
Invited Talks	:	7
Chaired Sessions	:	10
No. of Books Authored	:	2
Conferences, Seminars & Workshops Organized	:	6
Orientation Courses/ Refresher Courses Participated:	:	7
BoS Member	:	BoS member for B. Sc., (Mathematics) Courses, Nizam College (Autonomous), Hyderabad since June 2014 to 24th April 2025. Member in Syllabus Committee, Department of Mathematics, CMR Institute of Technology (Autonomous), Kandlakoya, Medchal, Hyderabad for the Academic Year 2017-18 and 2018-19. TS EAMCET Mathematics Syllabus Committee Member 2018, 2019, 2020, 2021 and 2022.

TS ECET Mathematics Syllabus Committee Member
2016, 2017, 2018, 2019 and 2020.

Membership in Professional : Indian Science Academy, Andhra Pradesh Telangana
Society for Mathematical Sciences (APTSMS) & EC
Member for APTSMS.

Administrative Experience : Head, Department of Mathematics, University College of
Engineering (A), Osmania University, Hyderabad from 2nd
June 2025 to till date.

Vice – Principal, Nizam College (A), Osmania University
from 2nd January 2023 to 28th January 2025.

Contoller of Examinations (In - charge), Nizam College(A),
Osmania University from 29th June 2024 to 18th Aug. 2024
and 4th December 2024 to 24th April 2025.

Nodal Officer, Academic Bank of Credits(ABC), Nizam
College (A), Osmania University, Hyderabad from 6th
January to 24th April 2025.

Academic Coordinator (FAC), Nizam College(A), Osmania
University, Hyderabad from 11th February 2023 to 18th July
2023.

Asst. Controller of Examinations from 27th October 2020 to
7th December 2022, Confidential Section, Examination
Branch, Osmania University, Hyderabad.

ANO NCC Officer, Nizam College (A) from 14th August
2019 to 18th August 2020.

NSS Programme Officer, Unit – I, Nizam College (A),
Osmania University, Hyderabad from 10th February 2014 to
25th August 2018.

Head, Department of Mathematics, Nizam College (A),
Osmania University, Hyderabad from 19th December 2013
to June 2016 and 7th August 2023 to 24th April 2025.

Deputy In – charge for Academic & Examination
Section from 21st October 2009 to 6th Sept. 2013, MGIT,
Gandipet, Hyderabad

List of Publications:

1. Fixed Point Results in G Metric Space via A-Series, Communications on Applied Nonlinear Analysis ISSN: 1074-133X Vol 32 No. 6s (2025)
2. On Some Applications of P-Contraction Fixed Point Theorems in Bipolar Metric Spaces Int. J. Anal. Appl., 22 (2024), 159. <https://doi.org/10.28924/2291-8639-22-2024-159>
3. Coupled Fixed Point Theorems In G_b - Metric Space, Indian Journal of Science and Technology, 17(41), 2024, pp: 4324-4331, DOI: 10.17485/IJST/v17i41.1433
4. Total Regular Domination on a Litact Graph, Indian Journal of Science and Technology (IJST), Vol. 17(23), 2024 & pp: 2401-2405, doi.org/10.17485/IJST/v17i23.1309(WoS).
5. Strong Regular Domination in Litact Graph, Communication on Applied Nonlinear Analysis (CANA), Vol. 31(1s), 2024 & pp:180-186, <https://doi.org/10.52783/cana.v31.577> (Scopus).
6. Split Regular Domination in Litact Graphs, Indian Journal of Science and Technology (IJST), Vol.17(20), 2024 & pp:2038-2042, <https://doi.org/10.17485/IJST/v17i20.737>(WoS).
7. Eccentric connectivity index and connective eccentric index of graphs, Nonlinear Studies (NS), Vol 30, No.2, 2023: pp:493-498(Scopus).
8. On Some Applications of P-Contraction Fixed Point Theorems in Bipolar Metric Spaces, Int. J. Anal. Appl. 2024, 22:159 (Scopus).
9. Coupled Fixed Point Theorems In G_b - Metric Space, Indian Journal of Science and Technology, Vol. 17(41): 4324-4331. <https://doi.org/10.17485/IJST/v17i41.1433>(WoS).
10. Certain Applications of Suzuki Type Contraction in S –Metric Spaces, Advances in Fixed Point Theory (AFPT), 2024, 14:37, <https://doi.org/10.28919/afpt/8691>(Scopus).
11. On Some Quadruple Fixed Points of Covariant Mappings in Bipolar Metric Spaces with Applications, Advances in Fixed Point Theory (AFPT), 2024, 14:34, <https://doi.org/10.28919/afpt/8607>(Scopus).
12. Tripled Fixed Point Results in G_b - Metric Spaces, Communications on Applied Nonlinear Analysis (CANA), Vol 31 No. 8s, 2024 & pp:433-440, <https://doi.org/10.52783/cana.v31.1536>(Scopus).
13. Primary Decomposition in Near Subtraction Semigroups, Eur. Chem. Bull. (ECB) 12(issue 6), 2023, & pp:3320-3328, DOI: 10.48047/ecb/2023.12.6.295.
14. Thermal Diffusion and Diffusion Thermo Effects on Axi-Symmetric Boundary Layer Flow of nanofluid Due to Non-Linear Stretching Sheet Along the Radial Direction in Presence of Magnetic Field, Int. J. of Applied Mechanics and Engineering (IJAME), Vol.29, No.3, 2024 & pp:32-46, <https://doi.org/10.59441/ijame/190394>.
15. Some fixed point results in 2-normed spaces, Nonlinear Studies (NS) Vol 30 No 2, (2023): pp:387-391(Scopus).
16. Numerical Analysis of Nanofluid on Stagnation Flow Past a Stretching Sheet in the Presence of Magnetohydrodynamics (MHD), Convective Heating and Double Diffusive Effects Journal of Nanofluids Vol. 11, pp. 728–736, 2022(Scopus).
17. Soret and Dufour Effects on Combined Sakiadis and Casson Fluid Flows Towards Horizontal Surface: A Cattaneo-Christov Heat Flux Model, Communications in Mathematics and Applications Vol. 13, No. 5, pp. 1347–1362, 2022, DOI: 10.26713/cma.v13i5.2237(WoS).
18. Bipolar Sum distance in Neutrosophic graphs, Malaya Journal of Matematik Vol. 9(1), 2021, pp.1083-1085(UGC – Care List).
19. Bipolar Single Valued Neutrosophic Detour Distance, Indian Journal of Science and Technology, 14(5), 2021, pp.427-431(WoS).

20. Bipolar Topological Pre – Closed Neutrosophic Sets, *Malaya Journal of Matematik*, 9(1), 2021, pp. 159 -162 (UGC – Care List).
21. Bipolar Topological Pre – Open Neutrosophic Sets, *Solid State Technology*, 64(1), 2021, pp. 1075 -1083 (Scopus).
22. Strongly Arc Irregular and Total Irregular Neutrosophic Graphs, *International Journal of Advanced Science and Technology*, 29(4), 2020, pp. 10528 – 10536(Scopus).
23. Minimal Spanning Tree Algorithms w.r.t. Bipolar Neutrosophic Graphs, *London Journal of Research in Sciences: Natural and Formal* Vol.20, Issue 8, 2020, pp.13-24(WoS).
24. Bipolar Neutrosophic Weakly BG – Closed Sets, *High technology Letters*, Vol.26(8), 2020, pp.878-887.
25. Common Fixed point Theorem for Four Self Maps of S – Metric Spaces by employing Compatability of Type(R), *Malaya Journal of Matematik*, 8(4), 2020, pp. 1735-1742 (UGC – Care list).
26. Bipolar soft neutrosophic Topological Region, *Malaya Journal of Matematik*, 8(4), 2020, pp. 1687-1690(UGC – Care list)
27. Edge Irregular Neutrosophic Soft Graphs, *Malaya Journal of Matematik*, 8(3), 2020, pp. 1148-1151.(UGC – Care list).
28. The Squares in Generalized Lucas Sequence, *International Journal of Theoretical & Applied Sciences*, 8(2), 2016, pp. 96-99.
29. Pentagonal Numbers in α – Pell Sequence, *Mathematical Sciences International Research Journal* Volume 7 Spl Issue, 2018, pp. 53-59.
30. Square Numbers in k – Jacobsthal Sequence, *Journal of Computer and Mathematical Sciences*, Vol.9 (12), 2018, pp. 2220-2226.
31. On Pentagonal Numbers in the Generalized Pell Sequence, *International Journal of Mathematical Sciences And Engineering Applications*, Vol. 4, No. V Dec. - 2010, pp.67-88.
32. On Square Numbers in the Generalized Lucas Sequence and Generalized Associated Lucas Sequence, *Journal of Indian Academy of Mathematics*, Vol. 32, No. 1, 2010, pp.97-105.
33. Pentagonal Numbers in Generalized Associated Pell Sequence, *Bulletin of Pure and Applied Sciences*, Vol.27E (No.1), 2008, pp.195-207.
34. Square Numbers in Generalized Jacobsthal Sequence and Generalized Jacobsthal Lucas Sequence, *International Review of Pure and Applied Mathematics*, Vol.3, No.2, July – Dec 2007, pp. 295-305.
35. Triangular Numbers in the Generalized Pell Sequence and Generalized Associated Pell Sequence, *International Journal of Mathematical Sciences*, Vol.5, No: 1, June – 2006, pp. 95-108.

List of Paper Presentations in International/National Conferences and Seminars:

1. Edge and Total domination of litact Graph, International conference on applied Mathematics and Advanced Data Analytics for Industry 5.0(ICAMADA – 2024) organized by VNR VJIT, Bachupally, Hyderabad, Telangana from 25th – 27th April 2024.
2. Single Valued Neutrosophy graph distances, XXX Congress of APTSMS & International Conference on Mathematics & Its Relevance to Science and Engineering, Department of Mathematics, Osmania University, Hyderabad from 12th – 14th March, 2022.
3. Neutrosophic Irregular Graphs, International Conference on Recent Trends in Applied Mathematics, Department of Mathematics, Loyola College(A), Chennai, Tamilnadu, India, from 24th – 25th February 2023.

4. Pre-open Neutrosophic Sets, Mathematical Techniques and Applications, Department of Mathematics, Mahatma Gandhi University, Nalgonda, Telangana, India, from 3rd – 4th March 2023.
5. D – Distance Eccentric Connectivity Index Graphs, International Conference on Research Trends in Contemporary Mathematics, PG Department of Mathematics, Patrician College of Arts and Science, Chennai in collaboration with PG & Research Department of Mathematics, Sacred Heart College, Tirupattur, Tamilnadu, India from 3rd – 4th February 2023.
6. Neutrosophic Graphs – Bipolar distances, National Conference on Relevance of English, Mathematics & Management Science, Department of Mathematics & Humanities, Mahatma Gandhi Institute of Technology, Hyderabad, Telangana, India on 24th June 2023.
7. Behaviour of Nano – Casson Fluid Flows in Convective Hydrodynamic Stagnation towards a non linear stretching Surface Filled by Porous Medium, International Conference on Computational Modelling in Science and Engineering & 32nd Congress of APTSMS, Department of Mathematics, National Institute of Technology, Warangal, Telangana, India from 28th – 30th October 2023.
8. Neutrosophic Graphs, International Conference on Graphs, Networks and Combinatorics (ICGNC – 2023) organized by Department of Mathematics, Ramanujan College, University of Delhi, New Delhi during 10th – 12th January 2023.
9. Bipolar neutrosophic Distances, International conference on Mathematical Sciences and Emerging Applications in Technology (ICMSEAT – 2022) in collaboration with APTSMS organized by Department of Mathematics, School of Sciences, GITAM (Deemed to be University), Hyderabad from 9th – 11th September 2022.
10. Soret and Dufour Effects on Combined Sakiadis and Casson Fluid Flows Towards Horizontal Surface: A Cattaneo-Christov Heat Flux Model, XXX Congress of APTSMS & International Conference on Mathematics & Its Relevance to Science and Engineering Department of Mathematics, Osmania University, Hyderabad from 12th – 14th March, 2022.
11. Bipolar Neutrosophic Topological Spaces, International Conference on Evolution in Pure & Applied Mathematics, Department of Mathematics, Akal University, Talwandi Sabo, Bathinda, Punjab, India from 16th -18th November, 2022.
12. Topological Pre – Open Neutrosophic Sets, International Conference on Relevancy of Ancient Mathematics to the Current Digital Trends (ICRAMCDT – 2022), In Collaboration with XXXI Annual Congress APTSMS, National Sanskrit University, Tirupathi, A. P., India from 9th – 11th December, 2022.
13. Bipolar Single Valued Neutrosophic distance, International Conference on Mathematical Sciences and Emerging Applications in Technology, Department of Mathematics, School of Science, GITAM (Deemed University), Hyderabad, Telangana India from 9th – 11th September – 2022.
14. Bipolar Neutrosophic Weakly BG – Closed Sets, International Conference on Relevancy of Ancient Mathematics to the Current Digital Trends (ICRAMCDT – 2022), In Collaboration with XXXI Annual Congress APTSMS, National Sanskrit University, Tirupathi, A. P., India from 9th – 11th December, 2022.
15. Bipolar Distance in Neutrosophic Graphs, International Conference on Recent Advances in Mathematical Science and Its Applications, Department of Mathematics & Tamilnadu Commonwealth Centre, Mother Teresa Women's University, Kodaikanal, Tamilnadu from 26th – 27th August 2021.
16. Strongly Arc Neutrosophic Graphs, in XXIX Congress of APTSMS & NCMA, Department of Mathematics, Mahatma Gandhi University, Nalgonda, TS, from 3rd – 5th December 2020.

17. Neutrosophic Soft Graphs, International Conference on Mathematical Advances & Applications 2020 by Red Talks Daily, RPMR&ET, Vijayawada, Andhra Pradesh, India on 23rd – 24th November 2020.
18. Minimal Spanning Tree Algorithm on Neutrosophic Graphs, International Conference on Advances in Applied Sciences, Humanities & Technology to Overcome Global Disasters(ICAASHTOGD -20) by the Department of Applied Mathematics(Mathematics), Raja Balwant Singh Engineering Technical Campus, Bichpuri(Agra), India from 18th – 19th September 2020.
19. Square Triangular Number in Pell – Lucas Sequence, XXVIII Congress of APTSMS & NCRT-PAM, Department of Mathematics, Rastriya Sanskrit Vidyapeetha, Tirupathi, from 6th – 8th December 2019.
20. Pell and Pell – Lucas Numbers by Matrix Method, Coniaps XX, International Conference of International Academy of Physical Sciences on Recent advances in Physical Sciences and Future Challenges, Faculty of Science, Osmania University, Hyderabad from 14th – 16th July 2017
21. Hessenberg Matrices, the Pell & Jacobsthal – Lucas Numbers, Two day International Conference on Innovations in Commerce and Science, Nizam College, Hyderabad from 29th – 30th November 2017.
22. (α, k) Jacobsthal – Lucas Numbers, National Conference on Recent Advances of Mathematical Techniques in Science and Engineering organized by Department of Mathematics, Osmania University, Hyderabad from 30th – 31st July 2017.
23. On the Generalized Jacobsthal Numbers by Matrix Method, National Conference on Recent Advances of Mathematical Techniques in Science and Engineering organized by Department of Mathematics, Osmania University, Hyderabad from 30th – 31st July 2017.
24. The Squares in Generalized α – Lucas Sequence, Department of Mathematics, University of Kerala from 26th – 28th November 2015.
25. Second order linear recursive sequences in Cryptography, A Two day National Conference on Relevance of English, Mathematics & Management Sciences to Technical Courses Department of Mathematics, MGIT, Gandipet, Hyderabad from 3rd – 4th April 2014.
26. Generalized Weighted Sums of second order linear recurrences, A Two day National Conference on Relevance of English, Mathematics & Management Sciences to Technical Courses Department of Mathematics, MGIT, Gandipet, Hyderabad from 3rd – 4th April 2014.
27. On the Generalized Jacobsthal Numbers by matrix Method, Sri Sinivasaramanujan's Birth Anniversary Celebrations, One day national Conference on Mathematical Modelling in Science & Engineering, Department of Mathematics & Humanities, MGIT, Hyderabad on 22nd December 2014.
28. The Squares in Generalized Lucas Sequences, XXII Congress and national Conference on Recent trend in Applications of Mathematics, Department of Humanities & Sciences, Anurag Group of Institutions, Ghatkesar, Ranga Reddy, TS from 13th – 15th December 2013.
29. Perfect Powers in second Order linear Recurrences, XXII Congress and national Conference on Recent trend in Applications of Mathematics, Department of Humanities & Sciences, Anurag Group of Institutions, Ghatkesar, Ranga Reddy, TS from 13th – 15th December 2013.
30. On Square Numbers in the Generalized Lucas and generalized Associated Lucas Sequences in National Conference on RTAMST organized by Department of Mathematics, GITAM Institute of Technology, GITAM University, Visakhapatnam from 15th - 16th April 2011.

31. Square Numbers in Generalized Jacobsthal Square and generalized Jacobsthal Lucas sequence in National Conference on Number Theory, Fixed Point Theory and Their Applications organized by Department of Mathematics, Osmania University, Hyderabad, AP from 30th – 31st August 2007.
32. On pentagonal Numbers in the Generalized Pell Sequence, National conference on new Trends in Number Theory organized by Department of Mathematics, Osmania University, Hyderabad from 18th – 19th March 2006.
33. Triangular Numbers in the Generalized Pell Sequence and Generalized Associated Pell Sequence, XIV Congress APSMS organized by Department of Basic Sciences and Humanities College of Engineering, GITAM, Visakhapatnam, AP, from 9th -11th September 2005.
34. On Pentagonal Numbers in Generalized Associated Pell Sequence XIII Congress of APSMS, Department of Mathematics & Humanities, NIT, Warangal from 10th -12th December 2004.

Conferences/Seminars/Workshops Participated:

1. A Two – Day National seminar on Quality Assurance and Faculty preparation for NAAC Accreditation of Osmania University organized by Internal Quality Assurance Cell, Osmania University from 27th – 28th February 2024.
2. Six Days Science Academies Lecture workshop on Linear Transformation, matrices and their Applications – 2020 organized by Department of mathematics, SVU College of Sciences, S. V. University, Tirupathi from 2nd – 7th November 2020.
3. A Five day Workshop on Cryptography & Coding Theory organized by Department of Mathematics, NIT Warangal from 28th January – 1st February 2019.
4. Workshop on Probability and Analysis for College Teachers, Department of Mathematics and Statistics, University College of Women, Koti, Hyderabad from 22nd – 24th February 2017.
5. Two day National Seminar on Reforms in Higher Education – Opportunities and Challenges, Deliberations on RUSA Objectives 28th – 29th March 2016.
6. One day Workshop on Teaching, Learning & Assessment Methodologies, University College of Science and University College of Arts & Social Sciences, Osmania University, Hyderabad on 17th December 2016.
7. Two days Conference on Contemporary Approches in Scientific Computing, Department of Mathematics, Osmania University, Hyderabad from 29th – 30th August 2017.
8. One day Symposium on Research Methodology, organized by Computer Science & Department of Mathematics, Osmania University on 6th May 2014.
9. Induction Programme organized by the UPE- Centre for Professional Advancement and Continuing Education & IQAC, Osmania University, Hyderabad, from 20th – 21st June 2014.
10. Two day workshop on Mathematical Principles of Cryptography & Crypanalysis, School of Computer & Information Sciences, University of Hyderabad from 1st – 2nd December 2014.
11. National Workshop on Bhaskaracharya: Life and Works Sponsored by DST, Govt. of India, New Delhi organized by Department of Mathematics, Rastriya Sanskrit Vidyapeetha, Thirupathi from 8th – 12th December 2014.
12. National Workshop on Advanced Techniques in Computational Fluid Dynamics, Department of Mathematics, Osmania University on 24th – 25th February 2012.
13. One day Workshop on Mathematical Modelling in Real World Situations organized by Department of Humanities & Mathematics, GNITS, Shaikpet, Hyderabad on 5th February 2011.
14. XIX Congress and National Conference on Mathematical Aspects of Cryptography and Network Security organized by Department of Mathematics, JITS, Nustulapur, Karimnagar, Andhra Pradesh, India from 12th – 14th November 2012.

15. One day Orientation Program on Revised B. Tech 1st Year syllabus organized by Department of Mathematics, JNUCEH, Hyderabad on 19th September 2009.
16. Mathematics Colloquium in the memory of Legendry Mathematician, Sri Srinivasa Ramanujan's 121st Birth Anniversary organized by Department of Mathematics, JNTUCEH, Hyderabad on 22nd December 2008.
17. National Conference on Mathematics and Its Applications to Engineering organized by Department of Mathematics, Vasavi College of Engineering, Ibrahimbagh, Hyderabad, Andhra Pradesh from 10th – 11th March 2008.
18. One day Workshop on Mathematical Modeling and its Applications for Engineers and Scientists Under TEQIP – II, Department of Mathematics, JNUCEH, Kukatpally, Hyderabad on 30th August 2013.
19. One day Workshop on Research Awareness Programme in Mathematics organized by Department of Mathematics, JNUCEH, Hyderabad on 1st February 2009.
20. International Conference on Number Theory & Fourier Techniques organized by SASTRA Deemed University, Srinivasa Ramanujan Centre, Kumbakonam, Tamilnadu from 20th – 21st December 2004.
21. XII Congress APSMS organized by Department of Mathematics, Osmania University, Hyderabad from 12th – 14th December 2003.

FDP's Participated:

1. FDP on The impact of Quantum Computing Cryptography and blockchain Technology by All India council for Technical Education training and Learning(ATAL) Academy and GITAM School of Science, Hyderabad from 13th - 17th September 2021.
2. FDP on Data Science, E & ICT Academy, IIT Kanpur from 19th – 30th April, 2021.
3. One week FDP on LaTeX & Technical Report writing organized by Department of Mathematics, Kakatiya University, Warangal, Telangana, India in association with Spoken Tutorial, IIT Bombay from 25th – 30th May 2020.
4. FDP on Empowering Teachers in Teaching – Learning and Research organized by Nizam College in Collaboration with UGC- HRDC, Osmania University, Hyderabad from 6th – 11th January 2020.
5. FDP on Tips and Tricks for Aptness organized by Telangana Academy for Skill and Knowledge, Hyderabad from 22nd – 23rd December 2016.
6. FDP on Applications of Mathematics in Engineering Sciences organized by department of Mathematics, VJI, Aziz Nagar, C. B. post, Hyderabad, AP from 4th- 5th September 2012.
7. One Week ISTE FDP on Teaching, Learning and Research in Engineering & Technology organized by ISTE Chapter – MGIT and IIPC – MGIT, Hyderabad from 30th July – 3rd August 2012.
8. FDP in Entrepreneurship organized by EDC, MGIT, Hyderabad from 22nd April – 4th May 2013.
9. FTP on Effective Communication organized by the Department of Mathematics & Humanities from 20th – 30th June 2005.

Orientation Courses/ Refresher Courses Participated:

1. Refresher Course in Mathematics, Organized by Department of Mathematics, TLC, Ramanujan College, University of Delhi from 16th – 30th March, 2021.
2. Swayam ARPIT Course on Leadership and Governance in Higher Education, Level 2 organized by Savitribai Phule Pune University, Pune, India from 1st December to 2020 to 31st March 2021.

3. Refresher Course in Mathematics, Organized by HRDC, Osmania University, from 30th January 2017 to 18th February 2017.
4. A Two-day CHETANA orientation on Gender Sensitization Course organized by Rashtriya Uchchatar Shiksha Abhiyan(RUSA), Commissionerate of Collegiate Education, Govt. of Telangana from 3rd – 4th June 2016.
5. Refresher Course on Human Rights(ID), UGC – ASC, Osmania University, Hyderabad from 4th – 25th June 2014
6. Mathematical Olympiad Orientation Camp for College Teachers Sponsored by HBCSE, TIFR, Mumbai organized by Department of Mathematics, SK University, Anantapur, AP, from 12th -16th September 2008.
7. Orientation Course, UGC- ASC, Osmania University, Hyderabad from 6th June- 4th July 2007.

Invited Talks:

1. Guest Lecture on Limits and Continuity, in one week Refresher Course on Engineering Mathematics from 16th June 2017.
2. Evaluator for State level 25th NCSC – 2017, TSCOST, Govt. of Telangana on 29th October 2017.
3. Guest Lecture on Number System, Seminar Conducted by LFDC, Uppal, Hyderabad on 29th July 2016.
4. Resource person of the One-day Workshop on The Role of Cryptography in e-Banking Organized by Department of Mathematics and Commerce, Government Degree College, Wanaparthi, Telangana on 19th November 2016.
5. Recording of Telelesson titled “Fourier Transforms” for UG students in the studios of Audio Visual Production and Research Centre, Dr. B. R. Ambedkar Open University, Hyderabad for telecast through DD Saptagiri Channel on 28th April 2014.
6. Recording of Telelesson titled “Line, Surface & Volume Integrals” for UG students in the studios of Audio-Visual Production and Research Centre, Dr. B. R. Ambedkar Open University, Hyderabad for telecast through DD Saptagiri Channel on 12th December 2014.
7. Lecture on Number Theory and Its Applications in Refresher Course on Traditional and Latest Trends in Mathematics, Malla Reddy Engg. College For Women, Dhulapally, Secunderabad on 3rd July 2009.

Chaired Sessions:

1. An Interdisciplinary Conclave: 4th International Conference on Nanomaterials & Technologies (CNT – 2024) organized by Department of Humanities & Sciences, Vidya Jyothi Institute of Technology (A), Hyderabad from 2nd to 3rd February 2024.
2. International conference on applied Mathematics and Advanced Data Analytics for Industry 5.0(ICAMADA – 2024) organized by VNR VJIT, Bachupally, Hyderabad, Telangana from 25th – 27th April 2024.
3. International Conference on Mathematical Sciences and Emerging Applications in Technology, Department of Mathematics, School of Science, GITAM (Deemed University), Hyderabad, Telangana, India from 9th – 11th September – 2022.
4. International Conference on Relevancy of Ancient Mathematics to the Current Digital Trends (ICRAMCDT – 2022), In Collaboration with XXXI Annual Congress Annual Congress APTSMS, National Sanskrit University, Tirupathi, A. P., India from 9th – 11th December, 2022.

5. A Two-day National Conference on Relevance of English, Mathematics & Management Sciences to Technical Courses Department of Mathematics, MGIT, Gandipet, Hyderabad from 3rd – 4th April 2014.
6. Sri Sinivasaramanujan's Birth Anniversary Celebrations, One day national Conference on Mathematical Modelling in Science & Engineering, Department of Mathematics & Humanities, MGIT, Hyderabad on 22nd December 2014.
7. National Conference TRYST – 2012 organized by Department of Mathematics, Adam's Engineering College, Paloncha, Khammam, AP on 31st March 2012.
8. XXI Congress of APSMS & National Conference on Mathematics and its Application held at the Department of Mathematics, Mahatma Gandhi University, Nalgonda, TS, from 3rd - 5th December 2020.
9. XXIX Congress of APSMS & National Conference on Mathematics and its Application held at the Department of Mathematics, Mahatma Gandhi University, Nalgonda, TS, from 3rd - 5th December 2020.
10. XXVIII Congress of APTSMS & NCRT-PAM, Department of Mathematics, Rastriya Sanskrit Vidyapeetha, Tirupathi, from 6th – 8th December 2019.

Out Reach Activity:

1. WALK to Beat Leprosy on World Leprosy Day 8th January 2018 by LEPRO Society, Hyderabad.
2. Organized Blood Donation Camp on 15th September 2017 at Nizam College, Hyderabad for State AIDS Control Society & State Blood transfusion Council, Niloufer Hospital For Women & Children Blood Bank, Red Hills, Lakdi Ka Pul, Nampally, Hyderabad.
3. Participated in National Integration Camp organized by NSS Cell, Osmania University at Sreyas Institute of Engineering & Technology, Hyderabad from 28th May – 3rd June 2017.
4. NSS Mega Green Camp in creating awareness on Waste Segregation as part of Swachh Bharat organized by NSS Cell, OU in collaboration with ITC, GHMC, MARI Foundation at Rajendranagar Division of Hyderabad from 2nd – 8th January 2017.
5. Participated in Organ donation drive organized by Yashoda Hospitals in coordination with Jeevandan on 1st July 2017 at Shilparamam, Hyderabad.
6. Participation in the Walk to Beat Leprosy on World Leprosy Day on 28th January 2018.
7. Participated in the Heartfulness Meditation Event organized by the Heartfulness Institute, India in collaboration with NSS on the occasion of International Day of Yoga on 21st June 2016 at Gachibowli Stadium, Hyderabad.
8. Participated in the Heartfulness Meditation Event organized by the Heartfulness Institute, India in collaboration with NSS Cell, OU and Govt. of Telangana on the occasion of International Day of Yoga on 21st June 2017 at LB Stadium, Hyderabad.
9. Attended 3rd Empanelled Training & Orientation Programme for NSS Programme Officers sponsored by the ministry of Youth Affairs & Sports, Govt. of India, organized by Empanelled Training Institute, NSS, OU from 20th – 26th May 2016 at UGC- HRDC, OU Hyderabad.
10. Unveiling of Country's Longest National Flag Programme on the occasion of Gandhi Jayanthi at Necklace Road, Hyderabad on 2nd October 2015 organized by Ministry of Youth Affairs and Sports, Govt. of India, Ministry of Industry, Khadi & Textile, Govt. of Telangana, NSS, NYKS & AVASYU Foundation.
11. Attended Youth Convention on Universal Brotherhood Day on 11th September 2015 at RC Kalabhavan, Baglingampally, Hyderabad, Telangana organized by Ministry of Youth Affairs & Sports, Govt. of India.

12. Organized Blood Donation Camp to Red Cross Blood Bank, Vidyanagar, Hyderabad on 13th March 2015.
13. Participated in NSS Mega Camp at Majuli College, Majuli and Dibrugarh University, Dibrugarh Assam organized by NSS Regional Centre, Guwahti from 19th – 30th January 2015.
14. Participated in Consumer Protection Day workshop as part of National Consumer Day Celebrations 2014 on 23rd December 2014.
15. Organized State Level NSS Mega Camp – 2014 NSS Cell, Osmania University in association with NSS Regional Centre, Hyderabad and State NSS Cell, Govt. of Telangana State.
16. Organized four Special Camps with Nizam College NSS Volunteers during 2014 -17.
17. Participated in Osmania University NSS Youth Festival in 2018, 2017 and 2016.
18. Organized Haritha Haram Program(Go Green Nizamian's – “ Trees Want to Talk to You) in 2014, 2015 and 2016 Sponsored by NTT Data, Hyderabad.

Place: Hyderabad

Dr. G. Upender Reddy