


FACULTY PROFILE

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|---|---|----------------------------|-----------------------|---|---|--|
| Name of the Faculty: | GADDE SAMBASIVA RAO | | |  | | |
| Designation: | Assistant Professor | | | | | |
| Department: | Mathematics | | | | | |
| Date of Birth: | 15 – 08 – 1994 | | | | | |
| AICTE – ID: | | | | | | |
| Education | <ul style="list-style-type: none"> B.Sc in Maths, Physics, Comp. Science from Acharya Nagarjuna University in 2012-2015 M.Sc in Mathematics Specialization from Acharya Nagarjuna University in 2016-2018. Pursing Ph.D (Mathematics) in Koneru Lakshmaiah Educational Foundation. | | | | | |
| Experience | Teaching: 5 Years | Industry: Nill | Total: 5 Years | | | |
| | Research: 3 Years | Others: Nill | | | | |
| Research Specialization | Fuzzy Algebra | | | | | |
| Courses taught | <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> 1. Differential Equations – I 3. Analytical Solid Geometry 5. Matrix Theory 7. Computer Oriented Numerical Methods 9. Engineering Mathematics – II 11. NMAC (20MA002). </td> <td style="width: 50%; vertical-align: top;"> 2. Differential Equations – II 4. Modern Algebra 6. Vector Calculus 8. Engineering Mathematic – I 10. Mathematical Foundation of Computer Science </td> </tr> </table> | | | | 1. Differential Equations – I 3. Analytical Solid Geometry 5. Matrix Theory 7. Computer Oriented Numerical Methods 9. Engineering Mathematics – II 11. NMAC (20MA002). | 2. Differential Equations – II 4. Modern Algebra 6. Vector Calculus 8. Engineering Mathematic – I 10. Mathematical Foundation of Computer Science |
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| Research contributions | | | | | | |
| International/national peer reviewed journals | | | | | | |
| S. No. | Title of paper | Journal | Year | Volume | pages | Indexing (SCI/WoS/ SCOPUS, Google scholar) |
| 1 | A Study on Boolean Like Algebras | AIP Conference Proceedings | 2021 | 2375 | 0200 18 – 1 to 5 | SCOPUS |
| 2 | Applications of Soft Sets in Boolean Near Rings | AIP Conference Proceedings | 2023 | 2707 | 0200 12 - 1 to 11 | SCOPUS |

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|---|---|--|------|------|------------------------|----------------|
| 3 | A Note on Soft Boolean Near Ring | AIP Conference Proceedings | 2023 | 2707 | 0200 13 - 1 to 6 | SCOPUS |
| 4 | Fuzzy Soft Boolean Rings | International Journal of Analysis and Applications | 2023 | 21 | 1-8 | SCOPUS & WOS |
| 5 | APPLICATIONS OF SOFT INTERSECTION BOOLEAN NEAR SEMI-RINGS | Mathematical Sciences International Research Journal | 2023 | 12 | 17- 24 | GOOGLE SCHOLAR |

Books published

| S. No. | Title of the book | Publisher | year |
|--------|-------------------|-----------|------|
| 1 | | | |

Book chapters Published

| S.No. | Title of the Chapter | Book title | Publisher | year |
|-------|----------------------|------------|-----------|------|
| 1 | | | | |

Details of Patents (Filed & Granted)

| S. No. | Applications number | Title of the patent | Date of filing/publishing | Published/granted |
|--------|---------------------|------------------------------|---------------------------|-------------------|
| 1 | 202241048490 | Soft Boolean Near Semi-rings | 26-08-2022 | Published |

Details of Conferences/FDPs/STTPs/webinars/Workshops Organized

| S.No. | Name of the event | Role | Dates |
|-------|-------------------|------|-------|
| 1 | | | |

Details of Conferences/FDPs/STTPs/webinars/Workshops Participated

| S.No. | Name of the event | Organized by | Dates |
|-------|--|--|---|
| 1 | One Day National Seminar on Recent Advances in Algebra | Dept. of Mathematics, SS&N College. | 23 rd Oct 2016 |
| 2 | National Conference on Recent Trends in Mathematics and its applications | Dept. of Mathematics, Sri Venkateswara University at Tirupati. | 22 nd to 23 rd Dec 2016 |

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| 3 | Computer Applications based on Modern Algebra | Dept. of Mathematics, Manipal Institute of Technology at Mangalore | 01 st to 04 th July 2017 |
| 4 | XXVI Congress of Andhra Pradesh Society For Mathematical Sciences & National Conference on Recent Advances in Mathematics | Dept. of Mathematics, Kakatiya University | 11 th to 13 th Aug 2017 |
| 5 | Recent Trends in Mathematics and Mathematics applications | J.M.J. College For Woman, Tenali | 20 th to 21 st Sept 2017 |
| 6 | One Day National Seminar on Mathematics | AIMD & APTSMS in collaboration with Dept of Mathematics, Acharya Nagarjuna University at SRR & CVR Govt Degree College, Vijayawada. | 12 th Nov 2017 |
| 7 | International Conference on Recent Innovations in Computer & Mathematics | Dept of Mathematics, J.M.J. College For Woman, Tenali. | 16 th to 17 th Nov 2017 |
| 8 | The Indian Mathematical Society An International Meet | Dept of Mathematics, Sri Venkateswara University at Tirupati | 12 th to 15 th Dec 2017 |
| 9 | National Seminar on Theoretical and Applications of Mathematical Sciences | Dept of Mathematics, Adikavi Nannaya University. | 22 nd Dec 2017 |
| 10 | Recent Advances in Mathematics | Sri Ramakrishna College of Arts & Sciences at Coimbatore. | 5 th to 6 th Jan 2018 |
| 11 | Recent Advances in Mathematics & XXVII Congress of APTSMS | Dept. of Mathematics, Maris Stella College, Vijayawada. | 08 th to 10 th Dec 2019 |
| 12 | 4 th Alterman Conference – cum – workshop on Computational & Geometric Algebra, and Workshop on Kahler Calculus | Dept. of Mathematics, , Manipal Institute of Technology at Mangalore | 08 th to 13 th July 2019 |
| 13 | UGC Sponsored two day Natianal Workshop on “ Rings and Near Rings with special Emphasis on Gamma Near Ring Theory” | Department of Mathematics, A.N.U, Guntur. | 29 th to 30 th Nov 2019 |
| 14 | Abstract Algebra and Its Applications” | Dept. of Mathematics, A.E.S National College, Gauribidanur | 30 th Nov 2020. |
| 15 | Trends and Challenge in CFD | Department of BS & H, Narasaraopeta Engineering College | 6 th July 2020 |

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| 16 | Application of Mathematics in Engineering and Physics | Department of Mathematics in association with IQAC, AG and SG Siddhartha degree College of arts and science | 10 th to 11 th July 2020 |
| 17 | Understanding Face Structure Grammars and Formal Languages with JFLP software | Department of Mathematics, at SSKV College of arts and science for women Kanchipuram. | 12 th July 2020 |
| 18 | A one day Webinar on Exploring Graph Theory Applications with GRIN Software | Department of Mathematics, at Thanjavur College of Engineering | 15 th July 2020 |
| 19 | National Webinar on Application of Mathematics in Medical Diagnosis | Department of Mathematics, at Andhra Loyola College | 22 th July 2020 |
| 20 | Quantum Attacks on Cryptographic Protocol | Dept. of Mathematics, Koneru Lakshmaiah Education Foundation | 26 th Aug 2020 |
| 21 | Latest Trends in Applied Mathematics 2020 | Dept. of Mathematics, Koneru Lakshmaiah Education Foundation | 26 th Sept 2020 |
| 22 | Number Theory Webinar | Department of Mathematics, at Manipal institute of Technology | 10 th Nov 2020 |
| 23 | Mathematics and it's Applications & Ganitha Dasavadhanam | Department of Mathematics, at Acharya Nagarjuna University. | 22 nd Dec 2020 |
| 24 | International e-Conference on advances in Mathematical Sciences | Dept of Mathematics, Andhra Loyola College, Vijayawada | 8 th to 9 th Jan 2021 |
| 25 | Mathematical Approaches in Science in Engineering | Dept. of Mathematics, Koneru Lakshmaiah Education Foundation | 8 th to 12 th Feb 2021 |
| 26 | International e-Conference on Recent Trends in Mathematical Sciences | Department of Mathematics, at Andhra Loyola College. | 28 th to 29 th July 2021 |
| 27 | 27th International Conference of International Academy of Physical Sciences (CONIAPS XXVII) on "Mathematics and Science in Ancient India" | Vikram University, Ujjain (M.P.)-INDIA | 26 th to 28 th oct 2021 |
| 28 | Mathematical Sciences And Their | Department of | 28 th to 29 th Jan |

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|----|--|--|---|
| | Applications” organised by Department of Mathematics: MSATA - 2022 | Applied Mathematics, Yogi Vemana University. | 2022 |
| 29 | 2 nd International Conference on “ESSENCE OF MATHEMATICS AND ENGINEERING APPLICATIONS”(ICEMEA - 2022) | Dept. of Mathematics, Koneru Lakshmaiah Education Foundation | 9 th and 10 th Dec 2022 |
| 30 | International Conference On Advances & Applications In Mathematical Sciences | Dept. of Mathematics, Andhra Loyola College, Vijayawada. | 14 th to 16 th March 2023 |
| 31 | One Week Online FDP on "Mathematical Modelling and Computation in Engineering". | Department of Science and Humanities at SRM Institute of Science and Technology, Delhi-NCR Campus, Ghaziabad, U.P. | 24-07-2023 to 30-07-2023 |

Awards/recognitions/achievements

| S.No. | Name of the Award | Awarding body/Society/Organization | Year |
|-------|-------------------|------------------------------------|------|
| 1 | | | |

Details of project proposals submitted/sanctioned/completed

| S.No. | Title of the Project | Funding body | Submitted/ Sanctioned/ Completed | Amount | Year/ duration |
|-------|----------------------|--------------|----------------------------------|--------|----------------|
| | | | | | |

Consultancy contribution

| S.No. | Year | Amount | Details |
|-------|------|--------|---------|
| 1 | | | |

Student Project/research guidance

| S.No | Level | Total number |
|------|-------|-------------------------|
| 1 | UG | Completed: 2 Ongoing: 0 |
| 2 | PG | Completed: 0 Ongoing: 0 |
| 3 | PhD | Completed: 0 Ongoing: 0 |

Administrative experience

| S.No. | Role | Duration (From – to) |
|-------|------|----------------------|
| 1 | | |

Research credentials

| Index/database | ID/Link |
|-----------------------|---|
| Google Scholar | https://scholar.google.com/citations?user=c8vS4BIAAAAJ&hl=en |
| SCOPUS | 58287322100 |
| Web of Science | |
| Vidwan ID | 427176 |

Any other relevant information
Memberships in Various Societies

| S.No | Name of The Society | Type of The Membership |
|-------------|---|-------------------------------|
| 1 | Association For Improvement of Maths Education (AIMD) | Life Member |
| 2 | Andhra Pradesh and Telangana Society For Mathematical Sciences (APTSMS) | Life Member (LM 1216) |

(Gadde Sambasiva Rao)
(16-09-2023)