# CURRICULUM VITAE

1. Name : **Dr. S. SREENIVASA**
2. Father's Name : T. Swamy
3. Date of Birth : 16th May 1966
4. Marital Status : Married
5. E-mail address : drsreenivasa@yahoo.co.in
   drtumkuruniversity@gmail.com
   drsreenivasa@tumkuruniversity.ac.in
6. Google Citation and Citation indices (Google scholar)
   :http://scholar.google.co.in/citations?hl=en&user=MyMdd7gAAAAJ

| | All | Since 2021 | Patents Granted |
|---|---|---|---|
| Citations | 2177 | 1539 | 16 |
| h-index | 25 | 22 | |
| i10-index | 46 | 39 | |

7. Designation: Professor of Chemistry, Principal, UCS, TUT and Ex-Deputy Adviser, NAAC, Bengaluru.

8.

| Department Address | Permanent Address |
|---|---|
| **Dr. S. Sreenivasa**<br>Professor of Chemistry,<br>&<br>Principal<br>University College of Science,<br>Tumkur University,<br>Tumakuru-572 103<br>Cell: +91 94482 33725 | **Dr. S. Sreenivasa**<br>Sreevari, Ganeshnagara,<br>Behind Sree Ranga Gas Godown,<br>Hanumantha Pura,<br>Kyatsandra (Post)<br>Tumakuru – 572 102<br>Cell :+91 96202 30672 |

9. Academic Qualifications :

| S.N | Qualification | Degree | University/ Board | Subjects | Specialization | YOP | % | Division |
|---|---|---|---|---|---|---|---|---|
| 1 | Master Degree | M.Phil. | Mangalore University | Organic Chemistry | Synthetic Chemistry | 1990 | 60.00 | Distinction |
| 2 | Master Degree | M.Sc. | Mysore University | Organic Chemistry | Organic Chemistry | 1988 | 63.92 | First |
| 3 | Bachelor's Degree | B.Sc. | Mysore University | Physics, Maths and Chemistry | PCM | 1986 | 72.00 | First |
| 4 | PUC | PUC | PU Board, Bangalore | Physics, Chemistry, Maths and Biology | PCMB | 1983 | 69.16 | First |
| 5 | SSLC | | SSLC Board, Bangalore | Kannada, English, Hindi, Social, Science and Maths | - | 1981 | 57.83 | Second |

## 10. Research Degree:

| S.N. | Research Degree | Year Of Award | Thesis Title | University |
|---|---|---|---|---|
| 1 | M.Phil. | 1990 | Studies on some Mannich bases and triazolo(4,4-b) as triazino(7,6-b) indoles derived from Isatins. | Mangalore University |
| 2 | Ph.D. | 1997 | Studies on Synthetic Products of Pharmaceutical Importance. | Mangalore University |
| 3 | D.Sc. | 2013 | Synthesis, Structural and Functional analysis of Medicinally important Piperazine and Pyrimidine derivatives. | Tumkur University |

## 11. Research Guidance:

| S.N. | Name of research scholar | Thesis Title | Year of Completion | Remarks/ Status |
|---|---|---|---|---|
| M.Phil. Guidance | | | | |
| 1 | Vinay k | Anti-Oxidant. Anti microbial and Phytochemical studies of Datura Stramonium, Jatrophacurccas, Alangium Lamarchi and Gymnema Sylvestre Plant Extracts. | 2007 | M.Phil. deg |
| 2 | Nijalingappa T B | Synthesis, Characterization and Pharmacological studies of 3, 4, 5–tri substituted Isoxazolines | 2007 | M.Phil. deg |
| 3 | Sudhirmurthy S | Synthesis, Characterization and Pharmacological studies of 1, 3, 5–tri substituted condensed Heterocycles. | 2008 | M.Phil. deg |
| 4 | Bhramara M | Spectrometric Studies on Enzyme Catalyzed Coupling reactionsfor the determination of Phenolic antioxidants. | 2008 | M.Phil. deg |
| 5 | Shruthi P | Synthesis and study of Quinoline Derivatives | 2010 | M.Phil. deg |
| M.Pharma. Guidance | | | | |
| 6 | Nagarjuna Reddy | Synthesis, Characterization and Biological activity studies of Mannich bases of Triazolthiones | 1994 | M.Pharma d |
| 7 | Asha P | Synthesis, Characterization and Biological activity studies of Mannich bases of Triazino Indoles | 1995 | M.Pharma d |
| 8 | Manjunath Ghate | terization and Biological activity of 3-alkyl-6-aryl-1,2,4-triazolo [3,4-b] – 1,3,4 – Thiadiazoles Manjunath. Ghate | 1996 | M.Pharma d |
| Ph.D. Guidance | | | | |
| 1 | Dr. Mohan N R | Synthesis and Characterization of pharmaceutically important Nitrogen containing Heterocycles | 2015 | Ph. D. awarded |
| 2 | Dr.Manoj Kumar K E | Synthesis, Characterization of pharmaceutical evaluation of some Oxadiazole, pyridine, pyrimidine and pyrazoline derivatives | 2018 | Ph. D. awarded |

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|---|---|---|---|---|
| 3 | Dr.Anitha H C | Synthesis and Characterization and biological studies of some Novel Nitrogen containing Heterocyclic derivatives | 2018 | Ph. D. awarded |
| 4 | Dr.Niveditha R Desai | Design synthesis Characterization and pharmacological evaluation of Novel nitrogen containing Heterocycles | 2018 | Ph. D. awarded |
| 5 | Dr. Parashurama L | Designing the efficient Transition metal catalysts and their activity studies in the organic Transitions: A catalytic approach | 2020 | Ph. D. awarded |
| 6 | Dr. Naveen Kumar | Synthesis and Characterization and biological studies of some N-bridged Heterocyclic compounds | 2019 | Ph. D. awarded |
| 7 | Dr. Ghouse Khan | Synthesis, Characterization and screening of biological activity of condensed Heterocyclic compounds | 2020 | Ph. D. awarded |
| 8 | Dr. Akshatha S | Synthesis of Pure and Doped Metal Oxide Nanomaterials and their Luminescence and Photocatalytic Studies | 2021 | Ph. D. awarded |
| 9 | Dr.Raghuram Shetty P | Synthesis, characterization, pharmacological Evaluation and docking studies of cinchonic acid Derivatives and their analogs | 2021 | Ph. D. awarded |
| 10 | Dr. Shivaraja G | Synthesis of Novel Hybrid Molecules for Analytical and Biological Applications | 2023 | Ph. D. awarded |
| 11 | Dr. Divyarani K | Synthesis and Characterization of Modified Metal Organic Framework materials for Photocatalytic Degradation of Dyes | 2026 | Ph. D. awarded |
| 12 | Suresha E | Environmental friendly preparation of metal nanoparticles and their applications'' | 2026 | Thesis submitted |
| 13 | Pavitra | Synthesis, Characterization Of Bimetallic Mn-Based Metal-Organic-Framework Materials For Their Environment And Energy Application | | Perusing |

12. Employment Records:

| S.N. | Name and address of the Employer | From date | To date | Position held | Duration |
|---|---|---|---|---|---|
| 1 | University College of Science, Tumkur University, Tumakuru | 18-07-2018 | Till date | Professor | 7.8 years |
| 2 | National Assessment and Accreditation Council (NAAC), Bengaluru | 02-03-2020 | 01-09-2023 | Deputy Adviser | 03 years, 06 months |
| 3 | University College of Science, Tumkur University, Tumakuru | 04-01-2010 | 18-07-2018 | Associate Professor | 08 years, 06 months |
| 4 | Govt. Science College B.H Road, Tumakuru-572 103 | 12-07-2005 | 03-01-2010 | Selection Grade Lecture | 04 Year, 05 Months |
| 5 | Govt. Science College B.H. Road, Tumakuru-572 | 18-11-2004 | 11-07-2005 | Senior Scale Lecturer | 00 Year, 07 Months |
| 6 | H.P.P.C. Govt. Science College. Challakere | 12-07-1996 | 17-11-2004 | Lecturer | 08 Year, 04 Months |
| 7 | N.G.S.M Institute of Pharmacy. Deralakatte Mangalore | 25-09-1989 | 11-07-1996 | Assistant Professor | 06 Year, 09 Months |

13. Academic and Administrative Work Experience: 41 and 25 years

Academics

- Undergraduate course B. Pharma (25-09-1989 to 11-7-1996) 06 years
- Undergraduate Course B.Sc. (Chemistry / Bio-chemistry)
  - (12-07-1996) 11 years
- Post Graduate Course M Pharma (1993 to 11-07-1996). 03 years
- Post Graduate course M.Sc.in Bio-chemistry of Tumkur University 02 years
- Post Graduate course M.Sc. in Chemistry of Tumkur University. 08 years.
- B.O.E. Member for P.G. Biochemistry Examinations of Tumkur University.
- B.O.E. Member for P.G. Chemistry Examinations of Tumkur University
- B.O.E. Member for P.G. Chemistry Examinations of Yuvaraja College, Mysore University.
- B.O.E Member for P.G. Chemistry Examination of Sahyadri Science College, Shimoga (Autonomous College, Kuvempu University).
- B.O.S member for U.G and P.G. Chemistry, Tumkur University.
- B.O.S member of Bio-Science for P.G Chemistry, Tumkur University.
- B.O.E Member PG Chemistry and Analytical Chemistry for the year 2013-14 Order No. DU/EXAM/AS/203-14/1334 dated 24.09.2013.
- BOS member in Organic Chemistry of University of Mysore = Till date.
- External Expert member for the Ph.D. Candidates at SSAHE, Tumkur.
- Ph.D. BoS member, Department of Chemistry, UCS, TUT.
- Chairman, BOE (Ph.D.) Department of Chemistry, UCS, TUT.

Administration

- Principal, University College of Science, TUT, Tumkur.
- Deputy Registrar, Academic, Tumkur University, Tumkur.
- Deputy Adviser, NAAC, Bengaluru for 3.5 years.
- Deputy Registrar, Tumkur University, Tumkur for a period of two years three months (21.05.2009 to 18.08.2013).
- Director of Research, Tumkur University, Tumkur (TU/EST-2515:2015-16/3682, dated 29-02-2016) to 17-02-2018.
- Director, New PG Courses of Tumkur University 2019.
- Coordinator, Department of Studies and Research in Chemistry, Tumkur University, Tumkur.
- Chairman, Department of Studies and Research in Organic Chemistry, Tumkur University, Tumkur
- Coordinator for P.G. Course M.Sc., Biochemistry of Tumkur University, Tumkur for 2 years.
- Vice Principal, university College Of Science. (For a period of 1.5 years 07.06.2012 to 26.10.2013)
- Coordinator, University Research Centers, Tumkur University, Tumkur (till 26.10.2013)
- AIU Coordinator, Anveshana-Student research conventions south zone, Jan-2017. AU/RES/SG/16 Dated:24-11-2016.
- Chairman Logistic Committee. NAAC, Bangalore.
- Administrative committee member, NAAC, Bangalore.
- Convener for Appeal committee, NAAC, Bangalore.
- Issue management system co process owner, NAAC, Bangalore.
- North Eastern region coordination officer, NAAC, Bangalore.
- Assessors Module Owner, NAAC, Bangalore.
- DVV internal coordination committee member, NAAC, Bangalore
- Assessment and Accreditation process in charge, NAAC, Bangalore
- In charge for Assessor Selection and training at NAAC, Bangalore
- Member, scrutiny committee for selection of Deputy Adviser, NAAC, Bengaluru.
- Selection Committee Member for Regular, Deputation and PAE staff.
- Member seminar committee, NAAC, Bengaluru

- Health Science Manual and Process owner at NAAC, Bangalore.
- Member NSS Advisory Committee.
- Chief Custodian for Post Graduate Examination during 2006-2007 of Tumkur University, Tumkur
- Chairman of P.G. Selection Committee of Tumkur University.
- Nodal Officer for the purpose of Higher Education Survey.
- Member for Selection of Project Assistants under DST-Fast track.
- Member for various committees constituted by the University.
- University Security Incharge.
- Member for Recognition of Research Centre for Ph.D. program of Tumkur University.
- Member for P.G and U.G fees and Intake fixing Committee 2011-12.
- Member for P.G and U.G fees and Intake fixing Committee 2012-13.
- Member for preparing Annual Report for the year 2011-12.
- Member for preparing Prospectus for the year 2011-12 and 2012-13.
- Member Expert Committee for the supply of Chemicals, Glassware's etc.
- Member Expert Committee in respect of appointment of guest lecturers for the year 2012-13.
- Chairman, Department Council, Dept of Chemistry, Tumkur University.
- Member Research Review Committee. Dept. of Chemistry, Tumkur University.
- Member Building Committee of Sri T V Venkataswamy First Grade College, Madhugari. TU/DEV/ 2012-13/4332. Dated 24.11.2012.
- Coordinator, University Research Centers, Tumkur University, Tumkur.
- Governing Council member, Kalpataru College, Tiptur.
- Guest House In charge, Tumkur University, Tumkur.
- Peer team selection committee member, NAAC, Bangalore.

- Research Experience: 30 years
- Worked as a Research Scholar in Mangalore University for 4 years.
- Guided 10 students for the award of Ph.D. Degree and 3 students for M. Pharma and 05 students for their M. Phil Degrees.
- Currently guiding 02 students for their research program.
- Also, actively involved in motivating the youngsters to do Research from the past 8 years.
- Worked as Director Research, Tumkur University for 4 years.
- Involved in the Preparation of Manuals for different types of HEIs, provided inputs with respect to research, innovation and development, Patent recognition etc.

14. Research Projects: Completed 05 research projects. **Worth 35 Lakhs**

1. Major research project entitled: **Heterogeneous Magnetically separable Asymmetric Nano-Catalysts: Designing, Synthesis, Characterization and Applications of their Pd(II) and Ru(II) Complexes in Organic Synthesis**. Sanctioned from CSIR, New Delhi, (NO.01(2701)/12/EMR-II, dated 03.10.2012), for Rs.22,00,000=00.
2. Minor research project entitled "**Synthesis and Studies on some new chalcones and their derivatives as possible antibacterial, antifungal and anticancer agents"** is under taken with the financial assistance of Rs.45,000/- from U.G.C. New Delhi (Letter No. MRP (S)-002/07-08/KABA019/UGC-SWRO, dated. 28th March 2008).
3. Major research project entitled: **Conventional And Microwave Synthesis of Pharmacologically Important Triazoles and its Derivatives**. Sanctioned from UGC, New Delhi, Project No: UGC-MRP-43-226/2014 (SR), dated:12-08-2015. For Rs.12,58,600=00. Successfully completed on 30.06.2018 (01.07.2015 to 30.06.2018).
4. Minor research project entitled ''**Synthesis, characterization pharmacological study and fingerprint applications of Novel Schiff bases**'' sanctioned from Tumkur University, Tumkur for

Rs. 1,00,000/- from 02-04-2019 to six month.

5. Student project entitled ‘’**Layered Double hydroxide Nanomaterials as Efficient Electrodes for Supercapacitor Applications**’’ sanctioned from KSTA, Bengaluru for Rs. 7000 from 19-04-2024 to 20-08-2024.

15. Area of Research Publications and Reviewer

Synthetic Organic Chemistry, Medicinal Chemistry and Crystallography more than hundred Research Papers Published. (List enclosed).

1. Member of Editorial Board of “Modern Organic Chemistry Research” Isaac Scientific Publishing, Spain *(http://www.isaacpub.org/EditorialBoard.aspx?ids=18)*
2. Reviewer for the “Journal for Mechanical Engineering Research”.
   Fractography of Compression failed carbon fiber reinforced plastic composite aminated. Manuscript **JMER – 09 – 027.**
3. Reviewer for the “Journals Natural Product Research”.
   Evaluation of Antimicrobial and Wound healing potentials of ethanol extracts of Wedelia biflora (Linn.) D.C. leaves. **Manuscript ID GNPL-2012-0649.**
4. Reviewer for the Journal “International Scholars Journals (ISJ)
   Hypoglycemic and Hypolipidemic Activities of Methanolic Extract of Sphenocentrum jollyanum on Streptozotocin-Induced Diabetic Wistar Rats. Manuscript **(ISJ–13–539).**
5. Reviewer for the Journal “Journal of Single Molecule Research”
   The effect of Pyridazine derivative Pimobedan on the Cardiovascular System.
6. Reviewer for the Journal “Journal of Frontiers in Pharmaceutical Reserach ”
   Studies on Antimicrobial Efficacy of Aqueous Extract of Some Medicinal Plants against Food Borne Pathogens **(FPS001).**
7. Reviewer for the Journal “Journal of Molecular Structure’’
   a) Comparative spectral (FT-IR, FT-Raman, UV) investigations, HOMO–LUMO, NBO and in silico docking analysis of Nikethamide, Niazid and 2-Mercaptonicotinic acid.
   b) Design and synthesis of 1,4-disubstituted 1,2,3-triazoles: biological evaluation, in silico molecular docking and ADME screening.
8. Reviewer for the journal ‘’Medicinal Chemistry Research’’
   Design, Synthesis, Characterization and Cytotoxic Activity of New Ortho-hydroxy and Indole Chalcone Derivatives as Anticancer Agents.
9. Reviewer for the journal ‘Journal of King Saud University’’
   In vitro antimicrobial, antioxidant, anticancer and chemical analysis of different solvent extracts of Punica granatum L. (pomegranate) peels.
10. Reviewer for the journal ‘International Journal of Agricultural Science and Food Technology’’
    Assessment of the extent implementing the good manufacturing practices (GMPs) and hazard analysis critical control point system (HACCP) in Sudan sugar industry Factories.
11. Reviewer for the journal ‘Natural Product Research’’
    Only Design, molecular docking study of synthesized Nheteroaryl substituted Gallamide derivatives and their antibacterial assessment.
12. Reviewer for the journal ‘’Arabian Journal of Chemistry’’
    a) Highly Potential COVID-19 Drug Candidate: Diethyl 2-(2-(2-(3-methyl-2-oxoquinoxalin-1(2H)- l)acetyl)hydrazono)malonate: Docking of Disordered Independent Molecules of a Novel Crystal Structure, HSA/DFT/XRD and cytotoxicity.
    b) Green synthesis of 1H-benzo[d]imidazol-2-yl-4- (aryldiazenyl)phenol and bis benzo[d]imidazoles using Fe3O4@Silicapropyl @Vaniline /Thiamine nanoparticles.
13. Reviewer for the journal ‘’ Journal of Pharmaceutical Research International’’
    Impact of silver diamine fluoride on oral health related quality of life(ohrqol)-a literature review.
14. Reviewer for the journal Arabian Journal of Chemistry
    Design, synthesis and biological evaluation of novel 1,2,3-triazole linked benzoxazin-2,4-dione conjugates as potent antimicrobial, antioxidant and anti-inflammatory agent on carrageenan-induced paw edema in rats. In silico studies.
15. Journal of Molecular Structure

Design, Synthesis, Molecular Docking and Antimicrobial Activities of Novel Triazole-ferulic acid ester Hybrid Carbohydrates.

16. Journal of Molecular Structure
    Synthesis, in silico Studies and Biological Evaluations of 2-Aminoquinolines and 1-Aminoisoquinolines as Antimicrobial Agents.
17. Journal of Molecular Structure
    Synthesis, molecular docking and antiproliferative activity studies of a thiazole-based compound linked to hydrazone moiety.
18. Arabian Journal of Chemistry
    Design, Biological Assessment, DFT and Docking Investigations of New Synthesized Heterocyclic Benzoxazole-Pyrrolidin-2-one Derivatives.
19. Journal of Molecular Structure
    Synthesis of Benzofuran–Based Schiff Bases as Anti-Diabetic Compounds and Their Molecular Docking Studies.
20. Journal of Molecular Structure
    Novel 2-aminobenzohydrazide derivatives, Design, synthesis, anti-Alzheimer evaluation, SAR studies and molecular docking analysis.
21. International Journal of Agricultural Science and Food Technology
    Assessment of the extent implementing the good manufacturing practices (GMPs) and hazard analysis critical control point system (HACCP) in Sudan sugar industry Factories
22. Chemical data Collection
    Synthesis, Cytotoxicity, Molecular Docking and ADME properties ofSubstituted1- Phenyl-4-(((Tetrahydro-2H-pyran-2-yl)oxy)methyl)-1H-1,2,3-Triazolearyl Derivatives.
23. Results in Chemistry
    Synthesis of 1-(6-chloro-5-fluoro-1H-indol-2-yl) ethan-1-one and its Novel Derivatives: Evaluation of Anti-tubercular Activity, Molecular Docking, and ADME Properties.
24. Results in Chemistry
    Synthesis and evaluation of linearly fused thiadiazolocoumarins as prospects with broad-spectrum bioactivity.
25. Results in Chemistry
    Design, Synthesis, Characterization, Antimicrobial Studies of New N-Acylated Derivates of 5-(3-phenoxyphenyl)-1,3,4-oxadiazol-2-amine, and their Molecular Docking
26. Chemical data Collection
    Synthesis and Biological Evaluation of Imidazothiadiazole-fused-pyrimidine Derivatives as Anticancer Agents.

16. Seminar / Workshops/ Conference organized and attended:

| S.N | Title | Type | International/national/ State | Role | Date | Place |
|---|---|---|---|---|---|---|
| 1 | UGC Sponsored- Coaching class for entry in Service cell-2011-12 | Workshop | National | conducted/ organized | 01-01-2012 | University College of Science, Tumkur university Tumkur |
| 2 | Recent Trends in Micro analytical Techniques: Application in Nuclear, Environmental and allied science | Workshop | National | Participated | 10-02-1998 | Central Coffee research Institute Chikkamagalur |
| 3 | Recent Trends in Condensed Matter Physics | Workshop | National | Participated | 16-09-2011 | Department of PG studies and research in Physics, U C S, Tumkur University |
| 4 | National Workshop on Mass Spectrometry: | Workshop | National | Participated | 28-03-1995 | Indira Gandhi Centre for Atomic Research, |

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| | Industrial & Environmental Applications of Mass Spectrometry | | | | | Kalpakkam, |
| 5 | Teaching Learning Methodology | Workshop | State | Participated | 26-09-1990 | Jagadguru Sri Shivarathreekeshwara College of Pharmacy, Mysore |
| 6 | Basic Teaching Skills to Improve Quality I Higher Education | Workshop | State | Participated | 12-03-2007 | Government Science College, BH Road, Tumkur |
| 7 | Importance of Evaluation in teaching and Learning Process to improve Quality in Higher Education | Workshop | State | Participated | 08-03-2009 | Government Science College, BH Road, Tumkur |
| 8 | Research Methodology and Introduction to SPSS | Workshop | National | conducted/ organized | 16-02-2013 | Department of Studies and research in Business Administration, Tumkur University, Tumkur |
| 9 | Innovation in Mobile application and development ecosystem | Workshop | National | Participated | 05-04-2019 | IQAC & Skill Development Centre, Tumkur University Tumakuru |
| 10 | Rating of Universities and Improvement of Quality of Education in Higher education Institutions | Workshop | National | Participated | 21-07-2017 | Tumkur University, Tumakuru |
| 11 | Digital Learning Resources | Workshop | National | Participated | 11-11-2017 | IQAC & Skill Development Centre, Tumkur University Tumakuru |
| 12 | Emerging Trends in Basic sciences and Humanities | Workshop | State | Participated | 26-08-2015 | University College of Science, Tumkur university Tumkur |
| 13 | Recent Advances in Interdisciplinary Research in Science | Workshop | State | Invited Talk | 18-04-2017 | Shridevi Postgraduate Centre, Tumakuru |
| 14 | Namma nadige Grama Swacchadedege | Workshop | State | Invited Talk | 24-04-2017 | Department of studies and Research in Sociology, Tumkur university Tumkur |
| 15 | Recent Advances in Environmental Science and Engineering | Conference | State | Key Note Speak | 16-10-2009 | Shridevi Institute if Engineering and Technology, Tumkur |
| 16 | Multiplicity of Culture in South Asian Literatures | Conference | National | Participated | 31-08-2012 | Department of Studies and Research in English, Tumkur University, Tumkur |
| 17 | Recent Trends in Studies of Chemistry | Conference | State | Participated | 14-02-2009 | Department of Chemistry, Central College Campus, Bangalore University, Bangalore |
| 18 | Best practices in Collegiate Education with reference to | Conference | National | Paper | 21-03-2009 | Sree Siddaganga College of Arts, science and Commerce, |

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| | Employability and Quality enhancement | | | Presented | | Tumkur |
| 19 | Discussion and Deliberation of IUSBC | Conference | National | Participated | 23-05-2011 | Department of Bioscience and Bioinformatics Tumkur University Tumkur |
| 20 | Green and Sustainable Chemistry | Conference | National | conducted/ organized | 25-02-2012 | Department of Chemistry, University College of Science, Tumkur University Tumkur |
| 21 | New Vistas of Business Education in India | Conference | National | Paper Presented | 10-03-2012 | Swamy Vivekananda College of Commerce and Management, Tumkur |
| 22 | Social Work Practice in Multicultural Contexts | Conference | International | Paper Presented | 02-03-2012 | Department of Studies and research in Social Work, Tumkur University Tumkur |
| 23 | Recent advances in micro nutritional Research | Conference | National | Invited Talk | 17-05-2012 | Karnataka state Higher Education Council, Bangalore |
| 24 | Functional Foods in Health and well-being | Conference | National | Paper Presented | 02-06-2012 | Karnataka state Higher Education Council, Bangalore |
| 25 | Green and Sustainable Chemistry | Conference | National | Participated | 25-02-2012 | Department of Chemistry, University College of Science, Tumkur university, Tumakuru |
| 26 | International Conference on Advanced Materials | Conference | International | Paper Presented | 18-02-2008 | School of Chemical Sciences, Mahatma Gandhi University, Kottayam Kerala |
| 27 | Impact of Aerosols on Health, Heritage and Environment | Conference | National | conducted/ organized | 28-09-2015 | Tumkur University Tumakuru |
| 28 | New Materials for solar cells and sensors | Conference | National | Participated | 12-04-2016 | Department of Physics, University College of Science, Tumkur university, Tumakuru |
| 29 | KSTA Sponsored national Conference | Conference | National | Invited Talk | 23-11-2018 | Dharwar Regional Science Centre, Dharwar |
| 30 | Recent Advances in Nano-Science and Technology | Conference | National | conducted/ organized | 21-04-2017 | Department of Chemistry Government Science College, Chitradurga |
| 31 | International Conference on Life, Chemical and Health Sciences | Conference | International | Poster Presented | 24-10-2019 | MS Ramaiah College of Arts, Science and Commerce, Bangalore |
| 32 | Disturbing trends in Science Education | Seminar | State | Participated | 18-02-1999 | Smt. VHD Central Institute of Home Sciences, Bangalore |

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| 33 | Advances in Biochemistry, Biotechnology, and Nanotechnology-Science for 21st Century | Seminar | National | Participated | 13-11-2006 | Department of Biochemistry and Food Technology PG Centre Shivagangothri Davanagere |
| 34 | Global economic Recession-Its implication on Indian Economy | Seminar | National | Participated | 15-09-2011 | Tumkur University , Tumakuru |
| 35 | One day seminar on Information Science and Technology | Seminar | National | Participated | 06-09-2011 | Karnataka state Higher Education Council, Bangalore |
| 36 | One day national seminar on Reforms in Higher Education and Public Participation | Seminar | National | Participated | 18-06-2011 | Karnataka state Higher Education Council, Bangalore |
| 37 | GM Crops-Future Prospects | Seminar | National | Participated | 16-07-2011 | Centre for Science and Technology for rural Development, Tumkur University, Tumakuru |
| 38 | Emerging Dimensions in Sociology | Seminar | State | Participated | 12-05-2010 | DOS&R in Sociology, UCA Tumkur University |
| 39 | Recent Trends in Chemical Sciences | Seminar | National | Key Note Speak | 02-02-2015 | St Aloysius College, Mangalore |
| 40 | Chemistry of Nanomaterial's | Symposium | National | Participated | 28-03-2006 | Sri Jagadguru Renukacharya College of Science, Arts and Commerce, Bangalore |
| 41 | South Zone Anveshan-Student Research Convention | Conference | National | conducted/ organized | 14-02-2017 | Tumkur University , Tumakuru |
| 42 | National Student Research Convention | Conference | National | conducted/ organized | 27-03-2017 | Annamalai University, Annamalai Tamil Nadu |
| 43 | Stereochemistry (Optical Rotation) | Workshop | State | conducted/ organized | 31-07-2018 | Department of Studies and Research in Chemistry, University College of Science, Tumkur University, |
| 44 | Recent Trends in Synthetic methods and Material Chemistry | Conference | International | Paper Presented | 02-02-2018 | Annamalai University, Annamalai Tamil Nadu |
| 45 | International Conference on Nano Technology | Conference | International | Invited Talk | 18-10-2019 | Srinivas University |
| 46 | One Day national Workshop on e-Content, MOOCs and Arpit | Workshop | National | Participated | 25-09-2019 | Bangalore University, Bangalore |
| 47 | One day awareness workshop on RAF-NAAC | Workshop | National | Participated | 29-05-2019 | Dr. P. Sadananda Maiya Block, Tumkur University Tumakuru |
| 48 | Buddha's Teaching For the contemporary World | Conference | International | Participated | 26-03-2013 | Tumkur University, Tumakuru |

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| 49 | National Level Seminar on recent trends in energy fuels and challenges in their applications | Seminar | National | Participated | 03-08-2013 | Shree Siddaganga college of arts, science and commerce for women |
| 50 | Development of Green campus in educational Institutes | Seminar | State | Participated | 10-02-2011 | Shree Siddaganga College of arts, science and commerce |
| 51 | Software Solutions for Life sciences, Material Sciences and Environmental Science research. | Symposium | National | Participated | 03-12-2012 | Department of studies and research in Environmental Science, Tumkur University, Tumakuru |
| 52 | Recent advances in Material Science | Conference | International | Participated | 08-11-2012 | The Atria Hotel, Bangalore |
| 53 | Urbanization and Economic Transformations: Issue and Challenges | Conference | International | Paper Presented | 12-10-2012 | Tumkur University, Tumkur |
| 54 | Yoga In Education | Conference | International | Participated | 27-11-2012 | Tumkur University, Tumkur |
| 55 | UGC Sponsored Workshop on Modern Tools in teaching Learning Process | Workshop | National | Participated | 29-06-2005 | SriJagadguru Renukacharya college of science, arts and commerce |
| 56 | Discovery and Application of Innovative Materials | Seminar | National | Participated | 13-11-2012 | Karnataka state higher education Council |
| 57 | HRM-Challenges and Issues in the present Context of Recession | Seminar | National | Participated | 09-10-2009 | Department of Business administration, Tumkur University, Tumkur |
| 58 | Philosophical Ideas of Kaivara Kalajnani Nareyana | Conference | National | Participated | 18-02-2013 | Tumkur University, Tumkur |
| 59 | Lecture series | Seminar | State | Invited Talk | 10-08-2019 | Department of Botany, Tumkur University Tumakuru |
| 60 | Kuvempu janma Shatamanotsava Samaropa | Workshop | State | Invited Talk | 20-12-2004 | Tumkur |
| 61 | NSS Camp | Workshop | State | Invited Talk | 18-03-2015 | Govt Polytechnique College, Tumakuru |
| 62 | Lecture series | Seminar | State | Invited Talk | 20-08-2017 | Department of Botany, Tumkur University Tumakuru |
| 63 | Recent trends in Protein sciences | Conference | National | Participated | 31-01-2013 | Karnataka State Higher Education council, Bangalore |
| 64 | Recent Trends in Food Science and Nutrition Research | Conference | National | Poster Presented | 30-10-2012 | National College, Basavanagudi |
| 65 | New Concerns of Older Persons | Conference | National | Paper Presented | 30-10-2012 | Tumkur University, Tumkur |
| 66 | Karnataka Music and Culture | Conference | National | Participated | 16-03-2013 | Tumkur University, Tumkur |

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| 67 | UGC Sponsored national conference on Broad Base Sports and Physical Education structure at Universities | Conference | National | Participated | 18-09-2014 | University College of Arts, TUT |
| 68 | Swamy Vivekananda-An Epoch Maker | Conference | National | Participated | 24-04-2013 | Tumkur University, Tumkur |
| 69 | Institutional Brand Building in Higher Education | Seminar | National | Participated | 16-04-2010 | Siddhartha First grade College, Tumkur |
| 70 | Student Research convention-jury | Conference | National | Participated | 21-02-2018 | Bharathiyar University, Coimbatore, tamilnadu |
| 71 | Special Lecture Programme | Seminar | State | Invited Talk | 17-01-2018 | Govt. First Grade College, Tiptur |
| 72 | Current Advances in Chemical Sciences | Conference | National | conducted/ organized | 16-03-2018 | Tumkur University, Tumkur |
| 73 | Current Advances in Chemical Sciences | Conference | National | Paper Presented | 16-03-2018 | Tumkur University, Tumkur |
| 74 | Recent Innovations in medicinal and material Chemistry | Conference | National | Participated | 08-03-2019 | Mysore University, Mysore |
| 75 | Recent Advances in chemical Sciences | Seminar | State | Participated | 24-11-2017 | Tumkur University, Tumkur |
| 76 | One day seminar on Frontiers of Nano Technology | Seminar | National | Participated | 31-05-2011 | Karnataka state Higher education council |
| 77 | National workshop on Research methodology | Workshop | National | Participated | 14-03-2010 | KS Hegde Charitable Hospital Deralakatte Mangalore |
| 78 | Evolving Research Methodologies in History and Archeology | Conference | National | Participated | 07-12-2012 | Karnataka state Higher education council |
| 79 | Knowledge Utsav | Conference | National | conducted/ organized | 20-08-2010 | Tumkur University, Tumakuru |
| 80 | 4th Kannada Vijnana Sammelana | Conference | National | Participated | 15-09-2008 | Vishweshwaraiah Technical University (VTU) , Belgaum |
| 81 | Inspire Award Science Exhibition- Selection Committee Member | Workshop | State | Participated | 21-12-2018 | Tumakuru |
| 82 | Recent Advances in Engineering Technology and Science-2019 | Conference | National | conducted/ organized | 26-04-2019 | Shridevi Institute of Engineering and Technology |
| 83 | National Academic Depository NAD | Workshop | National | Participated | 08-08-2018 | Tumkur University, Tumakuru |
| 84 | Science Academies Lecture Workshop On Future perspective and emerging technologies for sustainable resources | Workshop | National | conducted/organized | 18-08-2015 | Tumkur University, Tumakuru |

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| 85 | Special Invited Lecture Programme | Workshop | National | Invited Talk | 13-04-2019 | Department of PG studies in Chemistry, Govt. Science College, Chitradurga |
| 86 | Special Lecture Workshop-KSTA | Workshop | State | conducted/ organized | 3-12-2018 | Tumkur University, Tumakuru |
| 87 | One Day Conference on Quality in Higher Education: Teachers Response | Conference | National | Participated | 13-11-2018 | Tumkur University, Tumakuru |
| 88 | Recent Advances in Industrial Engineering and Applied Chemistry | Conference | National | conducted/ organized | 21-12-2016 | Sri Siddhartha Institute of Technology, Tumakuru |
| 89 | National Science Day | Workshop | State | Invited Talk | 07-03-2019 | Aryabharathi Polytechnic College, Tumakuru |
| 90 | Invited Talk | Seminar | State | Invited Talk | 17-09-2012 | Srinivas College Of Pharmacy |
| 91 | Guest Lecture | Seminar | State | Invited Talk | 16-09-2012 | Sri Dharmashtala Manjunatheshwara College |
| 92 | Guest Lecture | Seminar | State | Invited Talk | 16-09-2017 | Sri Dharmastala Manjunatheshwara College |
| 93 | Special Lecture Series | Seminar | State | Invited Talk | 24-08-2009 | Sahyadri Science College, Shimoga |
| 94 | Invited Talk | Workshop | State | Invited Talk | 04-05-2019 | Dept. of Pharmaceutical Chemistry, Kadur PG center, Chikkamagalur |
| 95 | "Microfluidics and Nanotechnology for Lab on Chip and Personalized Diagnostics" | Webinar | International | participated | 05/08/2021 | M.S. Ramaiah Institute Of Technology, Bangalore |
| 96 | NAAC Accreditation process | Refresher course | National | Delivered a lecture | 23-8-2021 to 3-9- 2021 | University of Kashmir |
| 97 | NAAC Revised guidelines: A paradigm shift in quality initiatives | Refresher course | National | Delivered a lecture | 26-7-2021 to 1-8- 2021 | Barkatulla University, Bhopal |
| 98 | Governance Leadership and Management | Refresher course | National | Delivered a lecture | 26-8-2021 | University of Allahabad |
| 99 | Role of NAAC for Quality Education | Refresher course | National | Delivered a lecture | 7-20$^{th}$ June 2022. | UGC-Human Recourse Development Centre Banaras Hindu University, Varanasi |
| 100 | Issues and difficulties being encountered in the Accreditation process | Training | National | Technical talk | 21-10-2021 | Dr. B R Ambedkar Open University, Hyderabad |
| 101 | NAAC Accreditation process | Refresher course | National | Delivered a lecture | 23-12-2021 to 5-1-2022 | University of Kashmir |
| 102 | Biomolecules: Structure | Conference | National | Delivered a lecture | 15-02-2022 | KSTA |
| 103 | Revised a NAAC Assessment and Accreditation process | Training | National | Delivered a lecture | 07-01-2022 | Assam down town university |

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| 104 | NAAC related preparations | Training | National | Delivered a lecture | 4-10-2021 | Daimond Harbour Womens University |
| 105 | NAAC Accreditation process | Refresher course | National | Delivered a lecture | 07-03-2022 | University of Kashmir |
| 106 | NAAC Accreditation process | Refresher course | National | Delivered a lecture | 05-02-2022 | University of Kashmir |
| 107 | NAAC Accreditation process | Refresher course | National | Delivered a lecture | 30-08-2021 | University of Kashmir |
| 108 | NEP 2020 | Workshop | National | Attended | 28-05- 2022 | symbiosis international university |
| 109 | Moral values and importance of value Education in higher education | special lecture | National | Organized | 13-04-2022 | NAAC, Bengaluru |
| 110 | Remodeling the universities in the light of NEP 2020 | special lecture | National | Organized | 01-07-2022 | NAAC, Bengaluru |
| 111 | international forum Kazakhstan Participated in conference in | Conference | International | Participated | 17-9-2022 | IAAR, Kazakhstan |
| 112 | international forum Kazakhstan organized | Conference | International | Participated | 26-11-2021 | IAAR, Kazakhstan |
| 113 | Organizational values and best practices | Special lectures | National | Organized | 01-07-2022 | NAAC office |
| 114 | Organized training for assessor's orientation programme on | Training | National | Organized | 2-3,-8- 2021 | NAAC office |
| 115 | Organized training for assessors orientation programme on | Training | National | Organized | 16-17th Aug. 2021 | NAAC office |
| 116 | DVV training program | Training | National | Organized | 15-3-2022 to 18-3-2022 | IIT Kharagpur |
| 117 | Faculty induction programme | Training | National | Organized | 13-6-2022 | NAAC office |
| 118 | "NAAC A and A Process, Research Innovation in the light of NEP 2020" | Refresher course | National | Delivered a lecture | 17-12-2022 | University of Kashmir |
| 119 | Revisiting the NAAC Accreditation and Assessment Process in Autonomous colleges in the light of NEP2020" | FDP | National | Keynote speaker | 29-3-2023 | St. Philomena's College (Autonomous), Mysore |
| 120 | "Institutional Ranking Framework for Teacher Education Colleges (For B.ed Principals and IQAC Co-Ordinator's)" | FDP | National | Delivered a lecture | 23-2-2023 | IITE, Gujarat |
| 121 | "Navigating the NAAC Journey : A Comprehensive | Principal's Meeting | National | Resource person | 01-03-2023 | UGC-HRDC center, Mysore |

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| | Guide to Understanding Key Indicators" | | | | | |
| 122 | Recent Advances in Chemical sciences | Conference | National | Organized | 28-3-2023 | Tumkur University, Tumkur |
| 123 | Emerging trends in chemical science research | Conference | National | Organized | 08-3-2023 | Tumkur University, Tumkur |
| 124 | NAAC accreditation process | workshop | National | Resource person | 03-05-2023 | Bangalore North University |
| 125 | Research methodology | event | National | Resource person | 19-10-2023 | IES University, Bhopal |
| 126 | Research methodology | workshop | National | Resource person | | P P Savani University, Surat |
| 127 | Climate Resilience and Sustainable Development | Conference | National | Chaired a session | 23rd &24th Nov 2023 | KSTA Bengaluru |
| 128 | New Vistas in Chemical science | Symposium | National | Chaired a session and organized | 04th March 2024 | DOS& R in Organic chemistry, TUT |

17. NAAC Related achievements and Contributions:

I. As a speaker in online webinars for Universities and Affiliated Colleges on "Assessment and Accreditation Process of NAAC"

| S.N. | Date | Webinar Topic |
|---|---|---|
| 1 | 06-05-2020 | NAAC Awareness Program for Affiliated / Constituent Colleges |
| 2 | 08-05-2020 | NAAC Awareness Program for Affiliated / Constituent Colleges |
| 3 | 11-05-2020 | NAAC Awareness Program for Affiliated / Constituent Colleges |
| 4 | 12-05-2020 | NAAC Awareness Program for University |
| 5 | 13-05-2020 | NAAC Awareness Program – AQAR preparation |
| 6 | 14-05-2020 | NAAC Awareness Program for University |
| 7 | 20-05-2020 | NAAC Assessment and Accreditation Process for Affiliated & Constituent Colleges |
| 8 | 23-05-2020 | NAAC Assessment and Accreditation Process for Affiliated &Constituent Colleges |
| 9 | 02-06-2020 | NAAC Assessment and Accreditation Process for Affiliated & Constituent Colleges |
| 10 | 05-06 2020 | NAAC Assessment and Accreditation Process for Affiliated &Constituent Colleges |
| 11 | 08-06 2020 | NAAC Assessment and Accreditation Process for Affiliated &Constituent Colleges |
| 12 | 08-06-2020 | NAAC Assessment and Accreditation Process for Universities |
| 13 | 10-06-2020 | NAAC Assessment and Accreditation Process for Affiliated & Constituent Colleges |
| 14 | 30-06-2020 | NAAC Assessment and Accreditation Process for Affiliated & Constituent Colleges |
| 15 | 30-06-2020 | NAAC Assessment and Accreditation Process for Universities |
| 16 | 03-07-2020 | NAAC Assessment and Accreditation Process for Affiliated &Constituent Colleges |
| 17 | 08-07-2020 | NAAC Assessment and Accreditation Process for Universities |
| 18 | 09-07-2020 | NAAC Assessment and Accreditation Process for Affiliated & Constituent Colleges |
| 19 | 18-12-2020 | Assessment and Accreditation Process for Affiliated & Constituent Colleges |
| 20 | 19-12-2020 | Assessment and Accreditation Process for Affiliated &Constituent Colleges |

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| 21 | 21-12-2020 | Assessment and Accreditation Process for Universities |
| 22 | 22-12-2020 | Assessment and Accreditation Process for Affiliated &Constituent Colleges |
| 23 | 23-12-2020 | Annual Quality Assurance Report (AQAR) preparation |
| 24 | 30-12-2020 | Assessment and Accreditation Process for Universities |
| 25 | 23-04-2021 | NAAC awareness for Affiliated & Constituent Colleges |
| 26 | 24-04- 2021 | NAAC awareness for Affiliated &Constituent Colleges |
| 27 | 26-04-2021 | NAAC awareness for Affiliated & Constituent Colleges |
| 28 | 5-05-2021 | Role of IQAC in quality enhancement, Governance and Leadership |
| 29 | 6-05-2021 | SSR Preparation: Understanding the Manual and SOP Part -A: Criteria: 1 & 2 |
| 30 | 10-05-2021 | SSR Preparation: Understanding the Manual and SOP Part -A: Criteria: 3 & 4 |
| 31 | 11-05-2021 | SSR Preparation: Understanding the Manual and SOP Part -A: Criteria: 5 & 6 |
| 32 | 17-05-2021 | SSR Preparation: Understanding the Manual and SOP Part -A: Criteria: 7 & other important aspects |
| 33 | 17-05-2021 | Governance and Leadership training for university |
| 34 | 20-05-2021 | Finance management and institutes of Higher Education : special emphasis on audit function with BHU Varanasi |
| 35 | 27-05-2021 | Building Digital Commons: Strengthening Public Library in the age of the Internet with inflibnet |
| 36 | 28-05-2021 | Open Education Resources with reference to e-PG Pathshala & MOOCs: New Era |

II. The list of Report on NAAC Collaborative Webinar with A++ Graded Institution as a coordinating officer

| S.N. | Webinar Date | Name of the Institution |
|---|---|---|
| 1 | 29-07-2020 | St. Joseph's College (Autonomous), Bengaluru, Karnataka |
| 2 | 14-08-2020 | Sri Ramakrishna Mission Vidyalaya College of Education (Autonomous), Coimbatore, Tamil Nadu |
| 3 | 14-10-2020 | Indian Institute of Science, Bengaluru, Karnataka |
| 4 | 10-11-2020 | Dr. Mahalingam College of Engineering and Technology, Coimbatore, Tamil Nadu |

| S.N. | Event Date | Event |
|---|---|---|
| **1** | 22-12- 2021 | Organized National Mathematics Day celebration at NAAC, Bangalore |

III. List of Participations as Keynote speaker/ Resource person/ Member/AOP /Peer Team Visit program of the Committees during:

| S.N. | Date | **Programme** |
|---|---|---|
| 1. | 15-07-2021 & 16-07-2021 | Conducted, Virtual – Assessors Orientation Program to train new Assessors for NAAC |
| 2. | 27-07-2021 | Conducted, An online Induction –cum-Orientation program for empanelling IITs/IIMs/IISC as DVV partner |

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| 3. | 02-08-2021 & 03-08-2021 | Conducted, Virtual – Assessors Orientation Program to train new Assessors for NAAC |
| 4. | 05-08-2021 | Conducted, stakeholder meeting for Sanskrit Universities |
| 5. | 16-08-2021 & 17-08-2021 | Conducted, Virtual – Assessors Orientation Program to train new Assessors for NAAC |
| 6. | 28-08-2021 | Delivered a lecture on "NAAC Assessment and Accreditation process" conducted by UGC-HRDC at the University of Allahabad, Prayagraj |
| 7. | 30-08-2021 | Delivered a lecture on "NAAC Assessment and Accreditation process" conducted by UGC-HRDC at University of Kashmir. |
| 8. | 4-10-2021 | Delivered a lecture on "NAAC Assessment and Accreditation process" for Diamond Harbour Women's University. |
| 9. | 15-11-2021 | Sensitizing All Higher Education Institutions of North Eastern Region for the implementation of NEP. |
| 10. | 16-11-2021 | Academic Bank of Credit Sensitization Webinar for the Universities |
| 11. | 28-12-2021 | Release of Quality fact sheet and Recommendation of Haryana held at Rajbhavan, Haryana |
| 12. | 31-12-2021 | Delivered a lecture on "NAAC Assessment and Accreditation process" conducted by UGC-HRDC at University of Kashmir. |
| 13. | 7-01-2022 | Delivered a lecture on "Revised NAAC Assessment and Accreditation Process" for Assam Down Town University |
| 14. | 5-02-2022 | Delivered a lecture on "NAAC Assessment and Accreditation process" conducted by UGC-HRDC at University of Kashmir. |
| 15. | 15-02-2022 | Delivered a lecture on "Bio – molecules: Structure" One day Online Workshop - Karnataka Science and Technology Academy (KSTA) |
| 16. | 28-02-2022 | Delivered a lecture on "Quality Assessment in Higher Education" conducted by UGC-HRDC at Bangalore University |
| 17. | 5-03-2022 | Delivered a talk on "NEP & NAAC process at the conclave" Vidya Pragathi" organized by Praja Pragathi and Pragathi TV, Tumkur |
| 18. | 7-03-2022 | Delivered a lecture on "NAAC Assessment and Accreditation process" conducted by UGC-HRDC at University of Kashmir |
| 19. | 18-03-2022 | PAC – DVV expert training program to the partners with respect to PAC |
| 20. | 21-04-2022 | Chief guest, Thakur Institute of Management Studies and Research (TIMSR), Mumbai, Maharashtra has organized webinar on the topic "NAAC Accreditation in New Paradigm: A Key to Quality Enhancement Higher Education" |
| 21. | 19-05-2022 | Delivered a lecture on "Role of NAAC in NEP 2020 and Assessment Models" conducted by UGC-HRDC at the Pondicherry University, Puducherry |
| 22. | 06-06-2022 & 07-06-2022 | Conducted NAAC Awareness program at King Georges Medical University and Sanjay Gandhi Post-graduate Institute of Medical Sciences, Lucknow, Uttar Pradesh |
| 23. | 11-06-2022 | Delivered a lecture on "NAAC Assessment and Accreditation process" conducted by UGC-HRDC at the Banaras Hindu University, Uttar Pradesh |
| 24. | 13-06-2022 | Delivered a lecture on "NEP 2020- Relevance of Higher Education and Assessment Models" conducted by UGC-HRDC at the Pondicherry University, Puducherry |
| 25. | 7-07-2022 | Attended one day "Orientation Programme on NAAC Assessment and Accreditation process" at SJC Institution of Technology, Chickballapur- 562101, Karnataka |
| 26. | 12-07-2022 | Delivered a lecture on "*Revised Accreditation Framework of NAAC*" conducted by Mangalore University, Mangalagangotri- 574199, Karnataka |
| 27. | 15-07-2022 | Delivered a lecture on "NAAC Assessment and Accreditation process" conducted by UGC-HRDC at the Banaras Hindu University, Uttar Pradesh |
| 28. | 30-07-2022 | Delivered a lecture on "NAAC Preparation and Criterions" conducted by UGC-HRDC at University of Kashmir, Jammu & Kashmir |
| 29. | 12-08-2022 | Delivered a lecture on "*In Pursuit of Manoeuvre Quality Assessment, Enhancement in HEI: New Framework of NAAC" conducted by* Marudhar Kesari Jain College for Women, Vaniyambadi – 635751, Tamil Nadu |

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| 30. | 5-09-2022 | Invited as resource person for workshop on the theme "NAAC Assessment and Accreditation process" at Pondicherry University, Pondicherry (by online mode). |
| 31. | 9-09-2022 | Invited as speaker for National level conference entitled "Best Practices in Implementation of NEP with reference of Assessment and Accreditation frame work of NAAC" at Padmashree Institute of Management and Science, Bengaluru |
| 32. | 23-09-2022 & 24-09-2022 | Assessors Orientation Program (AOP) at ERA University, Lucknow – 226003, Uttar Pradesh |
| 33. | 31-10-2022 | Invited as a resource person for the "First North East Research Conclave" at Meghalaya |
| 34. | 31-10- 2022 | Invited talk at University of Science & Technology, Ri-Bhoi - -793101, Meghalaya |
| 35. | 1-11-2022 | Conducted Handholding meeting with the Principals, IQAC Coordinators and Staff members of Colleges at North Eastern Hill University, Shillong – 793022, Meghalaya |
| 36. | 23-11-2022 | Invited as a resource person for on the theme "NAAC Assessment and Accreditation process" at Pondicherry University, Pondicherry |
| 37. | 29-11-2022 | Participated in a meeting on implementation of BharatNet Broadband Connection to |
| 38. | 30-11-2022 | Conducted on handholding programme for the IQAC and staff members of Gujarat National Law University, Gandhi Nagar, Gujarat on |
| 39. | 14-12-2022 | Participated in Two days National Conference on Transformative Challenges in Teaching – Learning of HEIs as per the NEP 2020 at Jain University, Bengaluru Karnataka |
| 40. | 28-12-2022 | Conducted DVV verification meeting with College of Material Management, Jabalpur, Madhya Pradesh at NAAC, Bengaluru. |
| 41. | 28-12-2022 | DVV partners orientation cum training program with partner Mizoram University, Aizwal, Mizoram NAAC, Bengaluru |
| 42. | 12-01-2023 & 13-01-2023 | Conducted Handholding meeting with HEIs at Jammu, Jammu and Kashmir |
| 43. | 17-01-2023 | Attended meeting for Central Zone Vice Chancellors' meet -2022-23, Curriculum for A Holistic and Multidisciplinary Transformative Higher Education Hosted by Symbiosis University of Applied Sciences, Indore, Madhya Pradesh |
| 44. | 21-01-2023 | Invited as a resource person for One day workshop at Mangalore University, Mangaluru, Karnataka |
| 45. | 2nd to 4th Feb 2023 | Peer Team Visit to King George's Medical University, Shah Mina Road, Chowk, Lucknow - 226003, Uttar Pradesh |
| 46. | 14-02-2023 & 15-02-2023 | Conducted of Virtual Assessors Orientation Programme (V-AOP) at NAAC, Bengaluru, Karnataka |
| 47. | 17-02-2023 | Delivered a lecture on "NAAC Assessment and Accreditation process" conducted by UGC-HRDC at the Banaras Hindu University, Uttar Pradesh |
| 48. | 23-02-2023 | Invited as a resource person to deliver a talk on the "National Assessment and Accreditation" at Indian Institute of Teacher Education, Gandhinagar, Gujarat |
| 49. | 1-03-2023 | Delivered a lecture on "NAAC Assessment and Accreditation process" conducted by UGC-HRDC at University of Mysore, Mysore, Karnataka |
| 50. | 9-03-2023 | Invited as a resource person to address the Teaching, Admin & Library staffs on the criteria's and how to go with the NAAC work etc "All Seven Criteria's of NAAC" at Sri Jagadguru Renukacharya College of Law, Near Ananda Rao Circle, Bengaluru, Karnataka. |
| 51. | 13-03-2023 | Gave a talk on Assessment process during the Handholding/ Awareness Programme for Open Universities, conducted by UGC (DEB), Delhi, in collaboration with NAAC, Bengaluru at Delhi. |
| 52. | 14-03-2023 & 15-03-2023 | Interactive meeting with the officials at the Office of the Joint Director, Department of Collegiate Education, University College Campus, Hampankatte, Mangalore, Karnataka |

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| 53. | 29-3-2023 | Invited as a resource person to deliver a talk on the "Revisiting the NAAC Accreditation and Assessment Process in Autonomous colleges in the light of NEP2020" at St. Philomena's College (Autonomous), Mysore - 570015, Karnataka |
| 54. | 20-04-2023<br>21-04-2023 | Conduct a "Two days National Level Workshop on the topic of Revised NAAC Accreditation Process in Quantitative and Qualitative metrics" at GLA University, Mathura, Uttar Pradesh |
| 55. | 28-04-2023 | Conducted the handholding meeting at Bengaluru North University, Tamaka, Kolar, Karnataka. |
| 56. | 22-05- 2023&<br>23-05-2023 | Conducted Virtual Assessors Orientation Programme (VAOP) at NAAC, Bengaluru, Karnataka |
| 57. | 17-07-2023 | Delivered a lecture on "NAAC Assessment and Accreditation process" conducted by UGC-HRDC at the Pondicherry University, Puducherry |
| 58. | 7th Aug – 5th Sep 2023 | Delivered a lecture in Faculty Induction Programme through virtual mode organized by UGC-HRDC, Banaras Hindu University. |
| 59. | 19-10-2023 | Delivered a lecture on Research methodology in an event organized by IES University, Bhopal |
| 60. | 02-01-2024 | Delivered a lecture on Research methodology in workshop organized by P. P Savani University, Surat, Gujarat |
| 61. | 03-01-2024 | Delivered a lecture on Research methodology in workshop organized by K L University, Vijayawada, Andrapradesh. |
| 62. | 15-02-2024 | Delivered a lecture on "NAAC Accreditation and Assessment Process" Business Global science, Hubballi. |
| 63. | 23-02-2024 &<br>24-02-2024 | Delivered a lecture in NIMS university, Jaipur on "Preparedness for Higher Education Institutions" |

18. Books Published:

| S.N. | Book Type | Book Title | Book Chapter | Book Pages | ISBN Number | Year of Publish | Publisher Name |
|---|---|---|---|---|---|---|---|
| 1 | National | Recent Trends in Food Science & Technology | Curcumin-drug Interactions | 147-164 | 978-93-82694-00-7 | 2012 | Tumkur University |
| 2 | National | Recent Trends in Food Science & Technology | Nanotechnology in food science and Nutrition | 85-125 | 978-93-82694-00-7 | 2012 | Tumkur University |
| 3 | International | A Survey on Pharmaceutically Significant Sulfonyl Heterocycles | A survey on Pharmaceutically Significant Sulfonyl Heterocycles | 1-80 | : 978-613-8-34675-3 | 2018 | LAP LAMBERT Academic Publishing |
| 4 | International | A Pharmacological And Phytochemical Study Medicinal Plants | A Pharmacological And Phytochemical Study Medicinal Plants, LAP LAMBERT Academic Publishing, 2020 | 1-88 | 978-620-2-81486-7 | 2020 | LAP LAMBERT Academic Publishing |
| 5 | International | Voltammetric Applications in | Voltammetric Applications in Drug | - | - | 2021 | Bentham Science Publishing |

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|---|---|---|---|---|---|---|---|
| | | Drug detection: Mini Review | detection: Mini Review | | | | |
| 6 | International | Environmental Impacts of COVID-19 Pandemic on the World | Role of E- learning in improving the quality standards of Quality assurance agencies during the Covid pandemic | 432-456 | 978-1-80356-621-4 | 2022 | Intech Open publisher |
| 7 | International | Futuristic Trends in chemical, Material Science and Nanotechnology | Remarkable breakthrough of Nanomaterial based Electrochemical Sensors as Screening Platforms for Chemical contamination in Food | | | 2023 | |
| 8 | International | Multifunctional Inorganic Nanomaterials for Energy Applications | Catalysis for Environmental and Energy applications The Potential of Multifunctional nanomaterials | 231-244 | 9781032644189 | 2024 | CRC Press |

19. Research Articles:

| S.N. | Article Title | Year of Publishing | Publisher/ Journal name | Page No. | Vol & Issue | Type |
|---|---|---|---|---|---|---|
| 1 | Mannich bases of some 3-substituted –4-[5-nitro-2 furfurylidine] amino –1,2,4-traizole-5-thiones. | 1993 | Indian Journal of Heterocyclic Chemistry | 2456-4311 | 3 | National |
| 2 | Studies on Arylfuran derivaties – Part –III. Synthesis and antibacterial properties of Arylfurfurylidene isatin-β-hydrazones and their mannich bases. | 1994 | Bolletino Chemico Pharmaceutico | 0006-6648 | 133 | International |
| 3 | Synthesis, Characterization and Biological activities of some 3-aryloxymethyl-4-(5-aryl-2-furfurylidene) amino-5-mercapto1,2,4-triazoles and their mannich bases. | 1994 | Chimica Acta Turcica | 0379-5896 | 22 | International |
| 4 | Synthesis and Biological activity studies of 1,3,4- thiadiazolo-[2,3-C]-as-triazines. | 1997 | Bolletino Chemico Pharmaceutico | 0006-6648 | 136 | International |
| 5 | Synthesis and Pharmacological properties of some quinoline derivative | 1998 | IL Farmaco | 0014-827X | 53 | International |
| 6 | Solvent effects and photophysical studies of ADS560EI laser dye | 2010 | African Journal of Pure and Applied Chemistry | 1996-0840 | 4, 9 | International |

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| 7 | Synthesis, Characterization and, Evaluation of antiproliferative and antimicrobial properties of new pyrazole derivatives. | 2011 | Journal of Pharmacy Research | 0974-6943 | 4, 8 | National |
| 8 | Synthesis Characterization and Pharmacological activities of some novel napthofuryltriazolothiadiazoles | 2011 | Research Journal of Pharmaceutical, Biological and Chemical Sciences | 0975-8585 | 2, 4 | International |
| 9 | Study of impacts of Industries on Soil Characteristics of Mysore city, India | 2012 | International Journal of Geology, Earth and Environmental Sciences | 2277-2081 | 2, 2 | International |
| 10 | Speciation and Geochemical behavior of heavy metals in Industrial area soil of Mysore city India | 2012 | Journal of Environmental Protection | 2152-2219 | 3 | National |
| 11 | Thermal evolution of polytypic modifications during thermal decomposition studies of magnesium aluminium based layered double hydroxide | 2012 | International Journal of Science Research | 2277 – 7989 | 1, 2 | International |
| 12 | Magnetic properties of β and βbc nickel hydroxide polymorphs | 2012 | International Journal of Science Research | 2277 – 7989 | 1, 2 | International |
| 13 | I-tert–Butyl4-(N_-hydroxycarbamimidoyl)piperazine-1-carboxylate | 2012 | Acta Cryst | 1600-5368 | E68 | International |
| 14 | 6-[4-Chloro-2-(trifluoromethyl)phenyl]-3-fluoro-2-methylpyridine | 2012 | Acta Cryst | 1600-5368 | E68 | International |
| 15 | 1-(2-Amino-6-methylpyrimidin-4-yl)-N,N-dimethylpiperidin-4-aminium Chloride | 2012 | Acta Cryst | 1600-5368 | E68 | International |
| 16 | Methyl 4-benzyloxy-2-hydroxybenzoate | 2012 | Acta Cryst | 1600-5368 | E68 | International |
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| 18 | 4-Methyl-2,6-bis(pyrrolidin-1-yl)pyrimidine | 2012 | Acta Cryst | 1600-5368 | E68 | International |
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| 24 | (2,3-Difluorophenyl)(4-tosylpiperazin-1-yl)methanone, | 2013 | Acta Cryst | 1600-5368 | E69 | International |
| 25 | 4-Methyl-6-(piperidin-1-yl)pyrimidin-2-amine | 2013 | Acta Cryst | 1600-5368 | E69 | International |
| 26 | (6-Methoxy-2-oxo-2H-chromen-4-yl)methylmorpholine-4-carbodithioate | 2013 | Acta Cryst | 1600-5368 | E69 | International |
| 27 | 4-(Octyloxy)phenyl 2-oxo-2H-chromene- 3-carboxylate | 2013 | Acta Cryst | 1600-5368 | E69 | International |
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| 30 | 2-Amino-5-fluorobenzoic acid | 2013 | Acta Cryst | 1600-5368 | E69 | International |
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| 32 | tert-Butyl-4-{5-[3-(trifluoromethoxy)phenyl]-1,2,4- oxadiazol-3-yl}piperazine-1-carboxylate | 2013 | Acta Cryst | 1600-5368 | E69 | International |
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| 34 | N-[(2-Chlorophenyl)sulfonyl]-3-nitrobenzamide | 2013 | Acta Cryst | 1600-5368 | E69 | International |
| 35 | 4-(4-Methylphenylsulfonyl)piperazin-1-ium trifluoroacetate | 2013 | Acta Cryst | 1600-5368 | E69 | International |
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| 37 | N-Hydroxypyridine-2-carboximidamide | 2013 | Acta Cryst | 1600-5368 | E69 | International |
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| 40 | N-(3-Methoxybenzoyl)-4-methylbenzenesulfonamide | 2013 | Acta Cryst | 1600-5368 | E69 | International |
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| 46 | Estimation of Orlistat by Various Spectrophotometric Techniques | 2013 | Indo American Journal of Pharmaceutical Research | 2231-6876 | 3, 7 | International |
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| 51 | Ethyl(2E)-2-cyano-3-(4-methoxyphenyl)acrylate | 2013 | Acta Cryst | 1600-5368 | E69 | International |
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| 54 | Design, synthesis, characterization and evaluation of novel amides of pyrimidine derivatives as antibacterial, anthelmintic and anti-inflammatory<br>agents | 2013 | Indo American Journal of Pharmaceutical Research | 2231-6876 | 3, 10 | International |
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| 106 | Rapid visualization of fingerprints on various surfaces using ZnO superstructures prepared via | 2018 | Journal of Science: Advanced | 2468-2179 | 3 | International |

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| 114 | Fluorescent aromatic symmetrical azines: Synthesis and appraisal of their photophysical and electrochemical properties | 2018 | Optical Materials | 1873-1252 | 85 | International |
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| 119 | Ultrasound induced synthesis of dual phased hierarchical ZrO2: Eu3+ architectures: Fluorescent based sensor for rapid visualization of latent fingerprints | 2019 | Colloids and Surfaces A: Physicochemical and Engineering Aspects | 0927-7757 | 581 | International |
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| 122 | Synthesis, Characterization, PASS prediction, In-silico ADME, Molecular docking and cyclic voltammetry studies of 1, 4, 5-trisubstituted 1, 2, 3-triazole ethanone and ethanol derivatives via Metal free approach | 2020 | Chemical Data Collections | 100452 | - | International |
| 123 | Visible-Light-Induced Photochemical Hydrogen Evolution and Degradation of Crystal Violet Dye by Interwoven Layered MoS2/Wurtzite ZnS Heterostructure Photocatalyst | 2020 | ChemistrySelect | 6918-6926 | 5 | International |
| 124 | Rutile, mesoporous ruthenium oxide decorated 29rapheme oxide as an efficient visible light driven photocatalyst for hydrogen evolution reaction and organic pollutant degradation | 2020 | Materials Science in Semiconductor Processing | 105156 | 116 | International |
| 125 | Use of Organic Compounds in Forensic Investigation: A Brief Review | 2020 | Journal of Forensic Sciences & Criminal Investigation | 555876 | 14 | International |
| 126 | Synthesis, Characterization, Biological Screening, ADME and Molecular Docking | 2020 | Asian Journal Chemistry | 1151-1157 | 32 | International |

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| 127 | In Vitro, Molecular Docking, and In Silico Binding Mode Analysis of Organic Compounds for Antimicrobial and Anticancer Activity against Jurkat, HCT116, and A549 Cell Lines. | 2020 | ChemistrySelect | 12807-12818 | 41 | International |
| 128 | Microwave assisted green synthesis of p-type Co3O4@Mesoporous carbon spheres for simultaneous degradation of dyes and photocatalytic hydrogen evolution reaction | 2021 | Materials Science in Semiconductor Processing | 105432 | 121 | International |
| 129 | Design, synthesis, PASS prediction, in-silico ADME and molecular docking studies of substituted-(Z)-3-benzylidine-5-aza-2-oxindole derivatives (Part-1) | 2021 | Chemical Data Collections | 100617 | 31 | International |
| 130 | N'-((3-(substituted phenyl)-1-phenyl-1H-Pyrazol-4-yl)methylene)-(substituted) benzhydrazide: Synthesis, characterization and pharmacological evaluation | 2021 | Chemical Data Collections | 100665 | 32 | International |
| 131 | Synthesis, characterization, antimicrobial and in-silico studies of (1, 1-dibenzofuran-2-yl) ethyl terephthalamide derivatives | 2021 | Research Journal of Chemistry and Environment | 68-79 | 25 | International |
| 132 | Solar light sensitive hybrid Ce4+/3+ doped perovskite magnesium zirconate nano cubes for photocatalytic hydrogen evolution and organic pollutant degradation in water | 2021 | Journal of Environmental Chemical Engineering , | 105364 | 9 | International |
| 133 | Molecular Iodine Catalyzed Solvent Free One Pot Synthesis, Characterization, in-silico ADME, herg Analysis, Molecular Docking Studies And DFT Analysis OF 2-Substituted 4, 5-Diphenyl-1H-Imidazole Derivatives | 2021 | Journal of Advanced Scientific Research | 211-229 | 12 | International |
| 134 | Highly Facile, Regio- and Stereoselective Synthesis of Spiropyrrolidine-5-aza-2-oxindole Derivatives through Multicomponent 1,3-Dipolar Cycloaddition Reaction and Their In-Vitro and In-Silico Biological Studies | 2021 | ChemistrySelect | 9407-9414 | 6 | International |
| 135 | Sulfated magnesium zirconate catalyzed synthesis, antimicrobial, antioxidant, anti-inflammatory, and anticancer activity of benzo[d]thiazole-hydrazone analogues and its molecular docking | 2021 | Results in Chemistry | 100197 | 3 | International |

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| 138 | NrGO wrapped Cu-ZrO2 as a multifunctional visible-light-sensitive catalyst for advanced oxidation of pollutants and CO2 reduction | 2022 | Journal of Environmental Chemical Engineering | 107679 | 10 | International |
| 139 | Solar light sensitive hybrid Ce4+/3+ doped perovskite magnesium zirconate nano cubes for photocatalytic hydrogen evolution and organic pollutant degradation in water | 2021 | Journal of Environmental Chemical Engineering | 105364 | 09 | International |
| 140 | GC-FID Quantification of N, N-Dimethyl Aminopropyl Chloride, a Genotoxic Impurity, in Imipramine Hydrochloride and Clomipramine Hydrochloride | 2022 | Current Pharmaceutical Analysis | 18 | 09 | International |
| 141 | Benzodioxole grafted spirooxindole pyrrolidinyl derivatives: synthesis, characterization, molecular docking and anti-diabetic activity | 2022 | RSC advances | 12 | 37 | International |
| 142 | One-pot three-component synthesis of novel phenyl-pyrano-thiazol-2-one derivatives and their anti-diabetic activity studies | 2022 | Results in Chemistry | 100439 | 4 | International |
| 143 | Electrochemical corrosion behaviour of zinc and zinc-reduced graphene oxide coatings on mild steel in 3.5% NaCl solution | 2022 | Bull. Mater. Sci. | 149 | 45 | International |
| 144 | Novel nanocomposite thin films for efficient degradation of Rhodamine B and Rhodamine 6G under visible light irradiation: Reaction Mechanism and Pathway studies | 2023 | Environmental Engineering Research | 28 | 4 | International |
| 145 | Boosting Sulfate Radical Assisted Photocatalytic Advanced oxidative Degradation of Tetracycline via Few-Layered CoZn@MOF/GO Nanosheets | 2023 | Colloids and Surfaces A:Physicochemical and Engineering Aspects | 131606 | 671 | International |
| 146 | Quantification of Genotoxic Impurities by HPLC in Active Pharmaceutical Ingredient Lorazepam | 2023 | Journal of Analytical Chemistry | 514–521 | 78 | International |
| 147 | Electrodeposition and corrosion behavior of Sn and Sn-reduced graphene oxide coatings on mild steel from the non-cyanide acid chloride bath solution | 2023 | Research Journal of chemistry and environment | 1-7 | 27 | International |
| 148 | Green Synthesis of MgO Nanoparticles using Caesalpinia Sappan Seeds and their | 2023 | Journal of Mines, Metals & Fuels | 70-76 | 70 | International |

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| 149 | Biogenic synthesis, Characterisation of Cerium Oxide nano particles using Perioriapinnatum Leaf extract and its applications | 2023 | Journal of Scientific Research | 831-843 | 15 | International |
| 150 | New 1, 2, 3-triazole-Furan Scaffold Schiff bases: Design, Synthesis, Characterization and biological studies | 2023 | Research Journal of Chemistry and Environment | 1-7 | 27 | International |
| 151 | Enhancing photocatalytic, photoelectrochemical hydrogen evolution, and dye degradation using p-type NiCo2O4 spinel photocatalyst synthesized via tapioca leaf extract mediated process | 2023 | Colloids and Surfaces A: Physicochemical and Engineering Aspects | 132262 | 676 | International |
| 152 | Stereoselective Synthesis of Highly Functionalized Aminobenzothiazole-Fused Spirooxindole Derivatives: in silico and in vitro Anti-Diabetic Studies | 2023 | Synthesis | 4145-4162 | 55 | International |
| 153 | Green synthesis of Zinc Oxide nanoparticles, antibacterial studies and investigation as catalyst for the conversion of pumpkin oil into biodiesel | 2024 | Research Journal of Chemistry and Environment | 1 | 28 | International |
| 154 | Mechanical properties of additively manufactured polymeric composites using sheet lamination technique and fused deposition modeling: A review | 2024 | Polymers for Advanced Technologies | e6396 | 35 | International |
| 155 | Mathematical modeling, numerical simulation and experimental validation of temperature profiles of PCMs and their applications in industry 4.0: A review | 2024 | Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science | 0954406224 1242704 | - | International |
| 156 | Fabrication of a novel MOF template-derived ZnCo2O4 composite for the non-enzymatic electrochemical detection of glucose | 2024 | Results in Chemistry | 101604 | 8 | International |
| 157 | Novel Advancements in the Field of Nanostructured Materials: Zero-, One-, Two-and Three-Dimensional Materials | 2024 | International Journal of Maritime Engineering | 209-218 | 1 | International |
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| | Thermal Energy Storage System | | | | | |
| 159 | Characterizations and Energy Analysis of Hydroxyl Group Functionalized Graphene (Nanomaterial) Mixed with Paraffin Wax (Polymer Pcm) as Thermal Energy Storage Materials And Applications | 2024 | International Journal of Maritime Engineering | 447-454 | 1 | International |
| 160 | An Efficient Novel NiCu@INA/rGO MOF Hallow Microsphere Z-Scheme Heterojunction Catalyst for the Photocatalytic Degradation of Tetracycline and Simultaneous Degradation of Cationic and Anionic Dyes | 2024 | Colloids and Surfaces A: Physicochemical and Engineering Aspects | 135415 | - | International |
| 161 | Green fuel mediated Europium doped Lanthanum ferrites Synthesis, characterization of and their application as photocatalyst and antibacterial agents | 2024 | Inorganic Chemistry Communications | 112978 | 168 | International |
| 162 | Synthesis, Characterization of Zr Doped and Zr/Sr-Dual Doped Ceo2 Nanoparticles with Their Photocatalytic and Cytotoxic Activities | 2024 | | | | International |
| 163 | Recent developments in the mechanical properties and recycling of fiber-reinforced polymer composites | 2024 | Polymer Composites | | | International |
| 164 | Polymer-based supporting materials and polymer-encapsulated phase change materials for thermal energy storage: A review on the recent advances of materials, synthesis, and characterization techniques | 2024 | Polymer Engineering and Science | 1-30 | - | International |
| 165 | Iron-based Chalcopyrite CuFeX2 Nanocrystals and Surface Passivated CuFeX2/ZnS (X = S and Se) Core/shell Architecture: Synthesis, Structural, Morphological, Optical and Biological Activities | 2025 | Semiconductors | 274–290 | 59 | International |
| 166 | Comparison of the tensile and flexural properties of epoxy nanocomposites reinforced by graphene oxide and reduced graphene oxide | 2025 | Polymer Composites | 3883-3908 | 46 | International |
| 167 | Thermal performance investigations of flat plate solar collectors: a holistic and comprehensive review | 2025 | Journal of Thermal Analysis and Calorimetry | | | International |
| 168 | Experimental Investigation of Flat Plate Solar Collector Having Distilled Water as the Heat Transfer Fluid and its Optimization | 2025 | International Journal of Maritime | 1-11 | 167 | International |

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| | by, Analysis of Variance, and Multivariate Regression for Solar Water Heating Application | | Engineering | | | |
| 169 | Synthesis and Characterization Methods of Two-Dimensional Nanomaterials | 2025 | International Journal of Maritime Engineering | 1-9 | 167 | International |
| 170 | The Potential of Graphene in the Structural Materials for Marine and Ship Architectures | 2025 | International Journal of Maritime Engineering | 1-9 | 167 | International |
| 171 | Experimental Investigation and Performance Analysis of Flat Plate Solar Collector Having Distilled Water as the Heat Transfer Fluid | 2025 | International Journal of Maritime Engineering | 1-10 | 167 | International |
| 172 | Thermal performance investigations by the use of nanofluids and phase change materials (PCM) in parabolic trough collectors (PTC) along with exergetic, economic, and application-based analyses | 2025 | Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy | 12-32 | 239 | International |
| 173 | Graphene-Based Materials for Solar Cells: Recent Advances, Performance Optimization, and Future Prospects | 2026 | Physica status solidi (a) | e202500144 | 223 | International |
| 174 | Green synthesis of Cd and Cd/Zr-dual doped CeO2 nanoparticles for enhanced photocatalysis and latent fingerprint applications | 2026 | Ionics | 1-19 | - | International |
| 175 | Bifunctional Zr-doped and Zr/Sr dual-doped CeO2 nanomaterials for photocatalytic and hydrogen evolution reactions with cytotoxic evaluation | 2026 | International Journal of Electrochemical Science | 101425 | - | International |
| 176 | Rational Design of Imidazo[2,1-b][1,3,4]thiadiazoles Bearing Dual Pharmacophores as Receptor Tyrosine Kinase Inhibitors: An In Silico Approach | 2026 | In Silico Research in Biomedicine | Accepted | | International |

20. Patents: 16

| PATENT DETAILS OF DR. S. SREENIVASA | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Sr No.** | **Title** | **Inventor** | **Applicant** | **Filing Date** | **Application No** | **Utility/ Design** | **Published** |
| 1 | System And Method For Remote Patient Monitoring And Drug Delivery | Surya Narayan, Sanjeev Verma, Sachin Ahuja, Ashutosh Panda, Naveen Kumar, Prabin Kumar Panigrahi, Sreenivasa.S | Chitkara University, Chitkara Innovation Incubator Foundation | 04-10-2022 | 202211057004 | Utility | 1/6/2023 |

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| 2 | Nail Growth Monitoring Device | Sanjeev Verma, Surya Narayan Panda, Naveen Kumar, Rajesh Kumar Kaushal, S. Sreenivasa, Mansi, Mayank Verma | Chitkara University, Chitkara Innovation Incubator Foundation | 06-10-2022 | 202211057279 | Utility | 1/6/2023 |
| 3 | Multifunctional Wheelchair For Mobility-Impaired Person | Surya Narayan Panda, Sanjeev Verma, Sreenivasa. S, Usha Desai, Sonu Goel, Ashutosh Panda, Mohit Kumar, Sudarson Jena | Chitkara University, Chitkara Innovation Incubator Foundation | 19-10-2022 | 202211059676 | Utility | 12/16/2022 |
| 4 | Portable Device To Meet Toilet Needs Of Kids | Mohit Kumar, Surya Narayan Panda, Sreenivasa.S, Usha Desai,Sonu Goel, Sanjeev Verma | Chitkara University, Chitkara Innovation Incubator Foundation | 19-10-2022 | 202211059675 | Utility | 1/6/2023 |
| 5 | Feeder Protection And Monitoring System Using Esp32 Microcontroller With Iot | Ruchi Mittal, Akhib Khan Bahamani, G Srinivasulu Reddy, Prabhuraj S, D Venkatabrahmanaidu, S. Sreenivasa, Varun Malik | Chitkara University, Chitkara Innovation Incubator Foundation | 30-10-2023 | 202311073640 | Utility | 11/17/2023 |
| 6 | Toilet Unit Enabled Walker | Sanjeev Verma, S.N. Panda, S. Sreenivasa, Pankaj Ramesh Natu | Chitkara University, Chitkara Innovation Incubator Foundation | 17-01-2024 | 404526-001 | Design | |
| 7 | System For Improvement Of Emotions In Verbal Communication | Muskan Chawla, Surya Narayan Panda, Vikas Khullar, Sunny Singh, S. Sreenivasa | Chitkara University, Chitkara Innovation Incubator Foundation | 31-03-2024 | 202411026909 | Utility | 5/3/2024 |
| 8 | Ai Based Device To Detect Mouth Cancer | Sn Panda, Sanjeev Kumar, Sonu Goel, S. Sreenivasa, Usha Desai, Pankaj Kumar Natu | Chitkara University, Chitkara Innovation Incubator Foundation | 22-05-2024 | 202411039861 | Utility | 6/7/2024 |
| 9 | Environment Friendly Waste Management Device | Muskan Chawla, Swati Goel, Sanjeev Verma, Surya Narayan Panda, Rajinder Singh, S. Sreenivasa, Prabin Panigrahi | Chitkara University, Chitkara Innovation Incubator Foundation | 13-09-2024 | 202411069578 | Utility | 10/4/2024 |
| 10 | Advanced Ai-Algorithm-Based Device To Detect Cervical Cancer | Sanjeev Verma, S. N. Panda, Rajesh Kumar Kaushal, Naveen Kumar, S. Sreenivasa, Prabin Panigrahi | Chitkara University, Chitkara Innovation Incubator Foundation | 30-09-2024 | 202411074080 | Utility | 10/11/2024 |
| 11 | Secured Grievances Registering And Processing Device For Organizations | Rajesh Kumar Kaushal, Naveen Kumar, Francesco Flammini, S. Sreenivasa, Prabin Panigrahi, Priya Dhir | Chitkara University, Chitkara Innovation Incubator Foundation | 22-10-2024 | 202411080413 | Utility | 11/1/2024 |

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| 12 | Automated Indoor Environment Dynamic Latent Heat Optimization System | Sanjeev Verma, Surya Narayan Panda, Manya, Raman Kumar, Swapandeep Kaur, S. Sreenivasa | Chitkara University, Chitkara Innovation Incubator Foundation | 05-06-2025 | 202511054464 | Utility | 6/20/2025 |
| 13 | Miniaturized Quad-Port Conformal Multi-Band Multiple-Input Multiple-Output (Mimo) Antenna System | Manish Sharma, Kanhaiya Sharma, Surya Narayan Panda, S Sreenivasa, Pankaj Ramesh Natu | Chitkara University, Chitkara Innovation Incubator Foundation | 31-07-2025 | 202511073063 | Utility | 8/22/2025 |
| 14 | Mimo Antenna System And Method For Mimo Antenna System With Dual-Band Rejection | Manish Sharma, Surya Narayan Panda, S Sreenivasa, Pankaj Ramesh Natu | Chitkara University, Chitkara Innovation Incubator Foundation | 31-07-2025 | 202511073064 | Utility | 8/22/2025 |
| 15 | Intraoral Health Assessment And Treatment Device | Amita Salaria, Surya Narayan Panda, Vikas Khullar, Muskan Chawla, Sonu Goel, S. Sreenivasa, Mani Goyal, Tribhav Goel | Chitkara University, Chitkara Innovation Incubator Foundation | 25-09-2025 | 202511092123 | Utility | 10/31/2025 |
| 16 | Air Purification Device For Building Openings | Rajesh Kumar Kaushal, Sanjeev Verma, Manya, Vaishali Panda, Sudarson Jena, S. Sreenivasa | Chitkara University, Chitkara Innovation Incubator Foundation | 31-10-2025 | 202511105672 | Utility | 12/12/2025 |

21. Training attended:

| S.N. | Training Name | Training place | Training from | Training To |
|---|---|---|---|---|
| 1 | Student Counseling | NIMHANS Bangalore | 19-12-2005 | 24-12-2005 |
| 2 | Management of First grade colleges for Principals & Lecturers | Administrative Training Institute Mysore | 28-07-2008 | 02-08-2008 |
| 3 | UGC Sponsored Orientation Course | Jawaharlal Nehru University, New Delhi | 21-07-1997 | 04-08-1997 |
| 4 | UGC Sponsored Refresher Course in Chemistry | Mangalore University, Mangalore | 01-03-2002 | 22-03-2002 |
| 5 | UGC Sponsored Refresher Course in the subject of Chemistry and Industrial Chemistry | Kuvempu University, Shimogga | 09-02-2004 | 03-03-2004 |
| 6 | Performance and Efficiency Improvement | Skill Development Center Tumkur University, Tumakuru | 15-12-2016 | 15-12-2016 |
| 7 | Diploma in Information Technology | IICT Computer Training Center Challakere | 01-01-2002 | 01-07-2002 |
| 8 | Typing Junior | KSEEB Commerce Examination | 01-12-1981 | 01-05-1982 |
| 9 | Typing Senior | KSEEB Commerce Examination | 01-12-1983 | 01-05-1984 |
| 10 | Diploma in International Airline Travel Management | Trade – Wings, Mangalore | 01-03-1983 | 12-03-1984 |

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| 11 | Certificate of Achievement-Beginners-Compost at Home | Swach-Bharath e-learning Portal-GOI | 29-10-2019 | 29-10-2019 |
| 12 | Certificate of Achievement-Beginners-Say No Plastic | Swach-Bharath e-learning Portal-GOI | 29-10-2019 | 29-10-2019 |
| 13 | Certificate of Achievement-Beginners-Search for SBM Toilet | Swach-Bharath e-learning Portal-GOI | 29-10-2019 | 29-10-2019 |
| 14 | Solid State Chemistry Unit IISc "College teachers Training Programme | SSCU, IISc Bangalore | 14-09-2004 | 17-09-2004 |

22. E-Content Developed:

| S.N. | Topic Name | Relevance |
|---|---|---|
| 1 | Impurities In Drug Synthesis | Deals with the Role of Chemist in Reducing the impurities in Drug synthesis |
| 2 | organic Chemistry Practical Manual | Separation of Binary mixtures, functional group detection |
| 3 | Inorganic chemistry Practical Manual | Synthesis of Six Inorganic Complexes |
| 4 | Role of Chemists In Drug Design and Discovery | Drug Development Procedures |
| 5 | Chemistry Of Heterocyclic Compounds | Introduction to Heterocyclic Compounds, Synthesis and Properties |
| 6 | Green Chemistry | Green Approach for Organic Synthesis |
| 7 | Electrochemical Cells and Electrode Potential | Basics of Electrochemistry and Electrochemical Cells |
| 8 | Nanomaterial's | Introduction, Preparation and Properties of Nanomaterial's |
| 9 | Molecular Rearrangements | Basics, Classifications, Mechanisms |
| 10 | Polymers | Synthesis, Uses and Applications of Important Polymers |
| 11 | Health Hazard Due to Fluoride in Drinking Water | Fluorosis and Its Control |
| 12 | Solvent Free Aldol Condensation Reaction | Laboratory approach for chalcone Preparation |
| 13 | Reserpine Structural Elucidation | Structure Elucidation and Synthesis of Reserpine |
| 14 | Preparation Of Adipic Acid from-Cyclohexanol-Experimental Video | Experimental Procedure in Lab |
| 15 | Sandmeyers Reaction- Experimental Video | Synthesis of p-Chlorotoluene from p-Toluidine |

23. Awards received:

| S.N. | Award Title | Awarded By | Awarded Date |
|---|---|---|---|
| 1 | Guest of Honor | Tumkur university college Teachers Association (TUCA) | 09-01-2010 |
| 2 | Best Paper | Journal of Applicable Chemistry | 03-05-2016 |
| 3 | Out sanding Contribution | National Science Teachers Congress, Indian International Science Festival | 08-10-2018 |
| 4 | Best Reviewer Certificate | Journal of biochemical and molecular Toxicology | 24-02-2021 |
| 5 | Best Reviewer Certificate | Journal of biochemical and molecular | |

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|---|---|---|---|
| | | Toxicology | |
| 6 | Appreciation | UGC-Human Resource Development Centre, Banaras Hind University, Varanasi | June 07- 20, 2022 |
| 7 | Best Reviewer Certificate | Journal of biochemical and molecular Toxicology | 29-06-2021 |

24. Consultancy work taken up:

| S.N. | Name of the project: | Sponsoring Agency | Duration from | Duration to | Name of PI/ CO- PI | Amount Sanctioned |
|---|---|---|---|---|---|---|
| 1 | Synthesis of Fragrance and Flavor Molecules | Tadimety Aromatics Pvt. Ltd | 09 January 2012 | - | Dr S. SREENIVASA | Honorary Consultant |
| 2 | Synthesis and technological development for APIS and their advanced intermediates | ArkGen Pharma Pvt. Ltd. | 01 January 2017 | - | Dr S. SREENIVASA | Honorary Consultant |
| 3 | Drug discovery and Development | Kemio Solutions | May 2017 | - | Dr S. SREENIVASA | Honorary Consultant |
| 4 | Synthesis Of Pharmaceutically Active Organic Molecules | Synus Laboratory LLP | 01-01-2015 | - | Dr S. SREENIVASA | Honorary Consultant |

25. Professional Memberships:

| S.N. | Professional Society | Membership Id |
|---|---|---|
| 1 | People for Animals | KNT-001748 |
| 2 | The Indian Pharmaceutical Association | KNT/BAN/LM/0049 |
| 3 | Nuclear Magnetic Resonance Society(NMRS) | LM1098 |
| 4 | International Science Congress Association | ISCA-FM-297 |
| 5 | Karnataka Government College Teachers Association | 1435/2010 |
| 6 | Association of Chemistry Teachers | LM 1504 |
| 7 | Vibha | 21392 |
| 8 | Mangalore University Chemistry Alumni | LM 52 |
| 9 | ISMAS- Indian Society For Mass Spectrometry | LM 407 |

**[Dr. S. SREENIVASA]**