

# CURRICULUM VITAE

1. Name : Dr. S. SREENIVASA
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6. Google Citation and Citation indices (Google scholar)  
: <http://scholar.google.co.in/citations?hl=en&user=MyMdd7gAAAAJ>

	All	Since 2020	Patents filed
Citations	1780	1220	04
h-index	22	19	
i10-index	39	33	

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

8.

Department Address	Permanent Address
<b>Dr. S. Sreenivasa</b> Professor of Chemistry, & Principal University College of Science, Tumkur University, Tumakuru-572 103 Cell: +91 94482 33725	<b>Dr. S. Sreenivasa</b> Sreevari, Ganeshnagara, Behind Sree Ranga Gas Godown, Hanumantha Pura, Kyatsandra (Post) Tumakuru – 572 102 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
<b>M.Phil. Guidance</b>				
1	Vinay k	Anti-Oxidant. Anti microbial and Phytochemical studies of Datura Stramonium, Jatropha curcas, 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 reactions for the determination of Phenolic antioxidants.	2008	M.Phil. deg
5	Shruthi P	Synthesis and study of Quinoline Derivatives	2010	M.Phil. deg
<b>M.Pharma. Guidance</b>				
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	Characterization 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
<b>Ph.D. Guidance</b>				
1	Mohan N R	Synthesis and Characterization of pharmaceutically important Nitrogen containing Heterocycles	2015	Ph. D. awarded
2	Manoj Kumar K E	Synthesis, Characterization of pharmaceutical evaluation of some Oxadiazole, pyridine, pyrimidine and	2018	Ph. D. awarded

		pyrazoline derivatives		
3	Anitha H C	Synthesis and Characterization and biological studies of some Novel Nitrogen containing Heterocyclic derivatives	2018	Ph. D. awarded
4	Niveditha R Desai	Design synthesis Characterization and pharmacological evaluation of Novel nitrogen containing Heterocycles	2018	Ph. D. awarded
5	Parashurama L	Designing the efficient Transition metal catalysts and their activity studies in the organic Transitions: A catalytic approach	2020	Ph. D. awarded
6	Naveen Kumar	Synthesis and Characterization and biological studies of some N-bridged Heterocyclic compounds	2019	Ph. D. awarded
7	Ghouse Khan	Synthesis, Characterization and screening of biological activity of condensed Heterocyclic compounds	2020	Ph. D. awarded
8	Akshatha S	Synthesis of Pure and Doped Metal Oxide Nanomaterials and their Luminescence and Photocatalytic Studies	2021	Ph. D. awarded
9	Raghuram Shetty P	Synthesis, characterization, pharmacological Evaluation and docking studies of cinchonic acid Derivatives and their analogs	2021	Ph. D. awarded
10	Shivaraja G	Synthesis of Novel Hybrid Molecules for Analytical and Biological Applications	2023	Ph. D. awarded

## 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	6 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: 37 and 22 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 to till date) 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.

#### 14. Research Experience: 25 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.

#### 15. 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. 28<sup>th</sup> 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.

## 16. 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, Niaزيد 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)-1)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 Fe<sub>3</sub>O<sub>4</sub>@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 of Substituted 1-Phenyl-4-(((Tetrahydro-2H-pyran-2-yl)oxy)methyl)-1H-1,2,3-Triazole-5-yl 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.

17. 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: Industrial & Environmental Applications of Mass Spectrometry	Workshop	National	Participated	28-03-1995	Indira Gandhi Centre for Atomic Research, Kalpakkam,
5	Teaching Learning Methodology	Workshop	State	Participated	26-09-1990	Jagadguru Sri Shivarathreeshwara

						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 Swacchadedge	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 Employability and Quality enhancement	Conference	National	Paper Presented	21-03-2009	Sree Siddaganga College of Arts, science and Commerce, 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
33	Advances in Biochemistry, Biotechnology, and Nanotechnology-Science for 21 <sup>st</sup> 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
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	Seminar	State	Participated	10-02-2011	Shree Siddaganga College of arts, science

	educational Institutes					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
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	4 <sup>th</sup> 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
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 <sup>th</sup> 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
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 Guide to Understanding Key Indicators"	Principal's Meeting	National	Resource person	01-03-2023	UGC-HRDC center, Mysore

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	23 <sup>rd</sup> & 24 <sup>th</sup> Nov 2023	KSTA Bengaluru
128	New Vistas in Chemical science	Symposium	National	Chaired a session and organized	04 <sup>th</sup> March 2024	DOS& R in Organic chemistry, TUT

### 18. 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
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
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, Mangalagangothri- 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
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.	2 <sup>nd</sup> to 4 <sup>th</sup> 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
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 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& 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.	7 <sup>th</sup> Aug – 5 <sup>th</sup> 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 & 24-02-2024	Delivered a lecture in NIMS university, Jaipur on “Preparedness for Higher Education Institutions”

#### 19. 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

		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	9781032644 189	2024	CRC Press

## 20. 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-triazole-5-thiones.	1993	Indian Journal of Heterocyclic Chemistry	2456-4311	3	National
2	Studies on Arylfuran derivatives – Part –III. Synthesis and antibacterial properties of Arylfurfurylidene isatin- $\beta$ -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-mercapto 1,2,4-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

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 naphthofuryltriazaolothiadiazoles	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 $\beta$ and $\beta$ bc 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
17	I-3-Chloro-N_-hydroxybenzene-1-carboximidamide	2012	Acta Cryst	1600-5368	E68	International
18	4-Methyl-2,6-bis(pyrrolidin-1-yl)pyrimidine	2012	Acta Cryst	1600-5368	E68	International
19	4-Nitrophenyl 4-hydroxy-3-methylbenzoate	2012	Acta Cryst	1600-5368	E68	International
20	Phytochemical Analysis, Antibacterial and Antioxidant Activity of Leaf Extract of Datura Stramonium	2012	International Journal of Science Research	2277 – 7989	1, 2	International
21	[1-(4-Nitrobenzyl)-2-butyl-4-chloro-1H-imidazol-5-yl]-4,5-dihydro-1-phenyl-1H-pyrazole: Synthesis, Anti-Inflammatory and Analgesic Activities	2013	Open Journal of Medicinal Chemistry	2164-3121	3	International

22	N-(2-Chloro-5-cyanophenyl)-4,4,4-trifluorobutanamide	2013	Molbank	1422-8599	M803	International
23	2-[5-(2-Fluorophenyl)-3-isobutyl-1H-pyrazol-1-yl]benzoic acid	2013	Acta Cryst	1600-5368	E69	International
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
28	1-Tosyl-4-[2-(trifluoromethyl)benzyl]piperazine	2013	Acta Cryst	1600-5368	E69	International
29	4'-Cyanobiphenyl-4-yl-7-diethylamino-2-oxo-2H-chromene-3-carboxylate	2013	Acta Cryst	1600-5368	E69	International
30	2-Amino-5-fluorobenzoic acid	2013	Acta Cryst	1600-5368	E69	International
31	4-(Decyloxy)phenyl-2-oxo-7-trifluoromethyl-2H-chromene-3-carboxylate	2013	Acta Cryst	1600-5368	E69	International
32	tert-Butyl-4-{5-[3-(trifluoromethoxy)phenyl]-1,2,4-oxadiazol-3-yl}piperazine-1-carboxylate	2013	Acta Cryst	1600-5368	E69	International
33	An unknown solvate of 1-(2,4-dichlorobenzyl)-4-[(4-methylphenyl)sulfonyl]piperazine	2013	Acta Cryst	1600-5368	E69	International
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
36	1-(3,4-Difluorobenzyl)-4-(4-methylphenylsulfonyl)piperazine	2013	Acta Cryst	1600-5368	E69	International
37	N-Hydroxypyridine-2-carboximidamide	2013	Acta Cryst	1600-5368	E69	International
38	2-Chloro-N-(3-methoxybenzoyl)benzenesulfonamide	2013	Acta Cryst	1600-5368	E69	International
39	N-(3-Methoxybenzoyl)-2-methylbenzenesulfonamide	2013	Acta Cryst	1600-5368	E69	International
40	N-(3-Methoxybenzoyl)-4-methylbenzenesulfonamide	2013	Acta Cryst	1600-5368	E69	International
41	4-Methoxy-N-[(4-methylphenyl)sulfonyl]benzamide including an unknown solvate	2013	Acta Cryst	1600-5368	E69	International
42	4-[4-(Heptyloxy)benzoyloxy]phenyl-2-oxo-7-trifluoromethyl-2H-chromene-3-carboxylate	2013	Acta Cryst	1600-5368	E69	International
43	Synthesis and invitro antibacterial activity of some novel Sulfonamide derivatives	2013	Journal of Applicable	2278 – 1862	2, 4	International

	bearing 1,4-disubstituted-1,2,4-oxadiazole Moiety		Chemistry			
44	Synthesis, Characterization and Biological evaluation of novel substituted acid amides containing piperazine 1,2,4-Oxadiazole nucleus	2013	Journal of Applicable Chemistry	2278 – 1862	2,4	International
45	Analytical Method Validation Of Epalrestst An Antidiabetic Drug In Bulk And Tablet Formulations By Uplc – A Novel Technique.	2013	Indo American Journal of Pharmaceutical Research	2231-6876	3, 7	International
46	Estimation of Orlistat by Various Spectrophotometric Techniques	2013	Indo American Journal of Pharmaceutical Research	2231-6876	3, 7	International
47	6-[5-Chloro-2-(trifluoromethyl)phenyl]-3-fluoro- 2-methylpyridine	2013	Molbank	1422-8599	M808	International
48	Viscosity, Ultrasonic, Refractometric and Morphological Studies of Pullulan/Gelatin Blends	2013	Journal of Applicable Chemistry	2278 – 1862	2, 5	International
49	Methyl 4-(trifluoromethyl)-1H-pyrrole-3-carboxylate	2013	Acta Cryst	1600-5368	E69	International
50	1-(3,5-Difluorophenyl)-4,4,4-trifluorobutane-1,3-dione	2013	Acta Cryst	1600-5368	E69	International
51	Ethyl(2E)-2-cyano-3-(4-methoxyphenyl)acrylate	2013	Acta Cryst	1600-5368	E69	International
52	Design, synthesis and antibacterial investigations of novel symmetric 2,6-di(benzofuran-2-yl)-4-Phenyl- pyridine derivatives	2013	Indo American Journal of Pharmaceutical Research	2231-6876	3, 9	International
53	In vitro biological activities of new heterocyclic chalcone derivatives	2013	Medicinal Chemistry Research	1554-8120	22	International
54	Design, synthesis, characterization and evaluation of novel amides of pyrimidine derivatives as antibacterial, anthelmintic and anti-inflammatory agents	2013	Indo American Journal of Pharmaceutical Research	2231-6876	3, 10	International
55	Synthesis Characterization and Antimicrobial studies of some Novel Sulphonamides containing Substituted Naphthofuroyl group	2013	Research Journal of Chemical Sciences	2231-606X	3, 1	International
56	Synthesis, Characterization and Biological Evaluation of 2-(5-(3,5-Difluorophenyl)-3-isobutyl-1H-pyrazol- 1-yl)benzoic acid TBN	2013	Journal of Single Molecule Research	2331-8074	1, 2	International
57	Solid State Studies of Chitosan and Starch Blend Films	2013	Journal of Modern Chemistry & Chemical	2321–5208	4, 3	International

			Technology			
58	N-(4-Methoxybenzoyl) benzenesulfonamide,	2014	Acta Cryst	1600-5368	E70	International
59	N-Ethyl-2,2-dimethyl-N-(3-methylphenyl)propanamide	2014	Acta Cryst	1600-5368	E70	International
60	2-Chloro-N-(4-Methoxybenzoyl)benzene sulfonamide	2014	Acta Cryst	1600-5368	E70	International
61	N-(4-Methoxybenzoyl)-2-methylbenzenesulfonamide	2014	Acta Cryst	1600-5368	E70	International
62	N-(4-Methoxybenzoyl)-3-nitrobenzamide	2014	Acta Cryst	1600-5368	E70	International
63	1-Fluoro-4-[I-2nitrovinyl] benzene	2014	Acta Cryst	1600-5368	E70	International
64	2-[5-(2-fluorophenyl)-3-(trifluoromethyl)-1H-pyrazol-1-yl] benzoic acid: Synthesis, Characterization and Pharmacological Evaluation	2014	Journal of Applicable Chemistry	2278 – 1862	3, 1	International
65	Synthesis, Characterization And Crystal Structures of Two N-(Arylsulfonyl)-Arylamides	2014	Journal of Applicable Chemistry	2278 – 1862	3, 2	International
66	6-(4-Fluorophenyl)-3-phenyl-7H-1,2,4-triazolo[3,4-b][1,3,4]thiadiazine	2014	Acta Cryst	1600-5368	E70	International
67	tert –Butyl 2- {[5-(4-cyanophenyl)2-phenyl]sulfonyl}acetate	2014	Acta Cryst	1600-5368	E70	International
68	FT-IR, Laser-Raman Spectra and Quantum Chemical Calculations of Methyl 4-(trifluoromethyl)-1H-pyrrole-3-carboxylate-A DFT Approach	2014	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	1386-1425	127, 5	International
69	Vibrational Frequency Analysis, FT-IR and Laser- Raman Spectra, DFT Studies on Ethyl (2E)-2-Cyano- 3-(4-methoxyphenyl)-acrylate	2014	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	1386-1425	130	International
70	Synthesis, Antibacterial, Anthelmintic and Anti- Inflammatory Studies of Novel Methylpyrimidine Sulfonyl Piperazine Derivatives	2014	J. Braz. Chem. Soc.,	0103-5053	25, 6	International
71	One-pot synthesis of novel symmetric 1, 5-di(benzofuran-2-yl)-3-(4-substituted-aryl)- pentane-1, 5-dione derivatives	2014	Indian Journal Of Chemistry	0019-5103	53B	International
72	Synthesis and Evaluation of Anti-inflammatory and Analgesic Activity of Isoxazoline Bearing Tris(heterocycles)	2014	Indo American Journal of Pharmaceutical Research	2231-6876	4, 5	International

73	Crystal structure of I-6-bromo-3,3-dimethyl-3,4-dihydro-2H-spiro-[cyclohexane-1,3-1,2,4-benzothiazine] 1,1-dioxide	2014	ActaCryst.	1600-5368	E70	International
74	Crystal structure of ethyl (6-hydroxy-1-benzofuran-3-yl)acetate sesquihydrate	2014	Acta Cryst	1600-5368	E70	International
75	Crystal structure of N-(3-hydroxyphenyl)succinimide	2014	Acta Cryst	1600-5368	E70	International
76	(1Z)-1-(1-Benzofuran-2-yl)ethanone oxime	2014	Acta Cryst	1600-5368	E70	International
77	2-(6-Hydroxy-1-benzofuran-3-yl)acetamide	2014	Acta Cryst	1600-5368	E70	International
78	Synthesis, Characterization and X-ray Diffraction Studies on N-(3-Methoxybenzoyl)benzenesulfonamide PAS	2014	Journal of Single Molecule Research	2331-8074	2, 2	International
79	Crystal structure of 4-methoxyphenyl 2-oxo-2H-chromene-3-carboxylate	2015	Acta Crystallographica Section E: Crystallographic Communications	2056-9890	E71	International
80	Monomer spectroscopic analysis and dimer interaction energies on N-(4-methoxybenzoyl)-2-methylbenzenesulfonamide by experimental and theoretical approaches	2015	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	1386-1425	142	International
81	Crystal structure of 4-bromophenyl-2-oxo-2H-chromene-3-carboxylate	2015	Acta Crystallographica Section E: Crystallographic Communications	2056-9890	71, 5	International
82	Crystal structure of bis (4-methoxyphenyl) malonate	2015	Acta Crystallographica Section E: Crystallographic Communications	2056-9890	71, 5	International
83	Crystal structure of 2-chloro-N-(3-fluorophenyl) acetamide	2015	Acta Crystallographica Section E: Crystallographic Communications	2056-9890	71, 5	International
84	Comparative studies of synthesis of symmetric 2, 6-di (benzofuran-2-yl)-4-phenyl-pyridine derivatives via pyrylium tetrafluoroborate salt and 1, 5-dione derivatives	2015	Indian Journal Of Chemistry Section B-Organic Chemistry Including Medicinal Chemistry	0975-0983	54B	International

85	Synthesis, Characterization and X-ray Diffraction Studies on N-(4-Bromophenyl)-4-methoxybenzenesulfonamide	2015	Journal of Single Molecule Research	2331	3, 1	International
86	Investigation of the crystal structures of N-(4- fluorobenzoyl) benzenesulfonamide and N-(4-fluoro-benzoyl)-4-methylbenzenesulfonamide	2015	Zeitschrift für Kristallographie-Crystalline Materials	2196-7105	230, 8	International
87	Crystal structures of three N-aryl-2, 2, 2-tribromoacetamides	2015	Acta Crystallographica Section E: Crystallographic Communications	2056-9890	E71	International
88	Crystal structure of 2-(4-methylpiperazin-1-yl) quinoline-3-carbaldehyde	2015	Acta Crystallographica Section E: Crystallographic Communications	2056-9890	E71	International
89	Molecular and crystal structures of two 1, 2, 4-benzothiadiazine derivatives	2015	Journal of Structural Chemistry	0022-4766	56, 7	International
90	Synthesis, characterization and pharmacological evaluation of 3,5-disubstituted pyrazoline derivatives containing pyridine and piperazine nucleus	2015	Indo American Journal of Pharmaceutical Research	2231-6876	5, 09	International
91	Green synthesis and biological evaluation of pyrimidine derivatives	2015	Journal of Applicable Chemistry	2278 – 1862	4, 5	International
92	Synthesis of Active Pharmaceutical Ingredient Derivatives and Their Anti-Inflammatory and Analgesic Activity Studies	2015	Journal of Applicable Chemistry	2278 – 1862	4, 6	International
93	Design, Green Synthesis, Characterization and Antimicrobial Studies of Novel Chalcone Derivatives of Piperazine Substituted Quinolines	2015	Journal of Applicable Chemistry	2278 – 1862	5, 3	International
94	Design, Synthesis and Pharmacological Evaluation of Novel Bis Acid Amides as Antibacterial and Anti- inflammatory Agents	2015	International Journal of Inovative Research and Development	2278- 0211	5, 11	International
95	Development and validation of a chromatographic method for the estimation of rifampicin in bulk and pharmaceutical formulations	2016	Research Journal of Pharmacy and Technology	0974-360X	9, 12	International

96	Synthesis, characterization, antibacterial and docking studies of sulfonamide derivatives	2016	Journal of Applicable Chemistry	2278 – 1862	5, 5	International
97	Synthesis, Crystal Structure and Molecular Docking Studies of Novel 2-(4-(4-substitutedphenylsulfonyl)piperazin-1-yl)quinolone-3-carbaldehyde Derivatives	2017	Research on Chemical Intermediates	1568-5675	43	International
98	Elemental composition, size distribution and image interpretation of fine particulate matter in urban city road sides, Mysore (Karnataka) India	2017	FLORA AND FAUNA	0971-6920	23, 2	National
99	Preliminary Evaluation of Antimicrobial, Anthelmintic, Anti-Inflammatory Activities and In Silico Studies of Some Cinchoninic Acid Derivatives	2017	Journal of Applicable Chemistry	2278 – 1862	6, 4	International
100	Synthesis, Characterisation, invitro and insilico studies of some novel substituted 1,3,4-oxadiazole-3(2H)-yl-ethanone derivatives	2017	World Journal Of Pharmacy And Pharmaceutical Sciences	2278-4357	6, 9	International
101	Zirconia Supported Cu (I) Stabilized Copper Oxide Mesoporous Catalyst for the Synthesis of Quinazolinones Under Ambient Conditions	2017	Asian J. Org. Chem	2193-5815	6	International
102	Synthesis, Evaluation and In Silico Studies of Alkylated Sulfonyl Piperazine Derivatives against Antimicrobial, Anthelmintic and Anti-inflammatory Activities	2017	Asian Journal of Pharmacy and Pharmacology	2455-2674	3, 5	International
103	1-(4-Methoxyphenyl)-3-[2-(4-methylpiperazin-1-yl) quinolin-3-yl]prop-2-en-1-one	2017	IUCrData	2414-3146	2	International
104	Synthesis and characterization of cloisite-30B clay dispersed poly(acrylamide/sodium alginate)/AgNp hydrogel composites for the study of BSA protein drug delivery and antibacterial activity	2017	Mater. Res. Express	2053-1591	5	International
105	3-[6-(4-Methoxyphenyl)-2-methylpyrimidin-4-yl]- 2-(4-methylpiperazin-1-yl)quinolone,	2018	IUCrData	2414-3146	3	International
106	Rapid visualization of fingerprints on various surfaces using ZnO superstructures prepared via	2018	Journal of Science: Advanced	2468-2179	3	International

	simple combustion route		Materials and Devices			
107	Development, Formulation, and Evaluation of Sodium Alginate-G-Poly (Acrylamide-Co-Acrylic Acid/Cloiste-30b)/Agns Hydrogel Composites and their applications In Paclitaxel Drug Delivery and Anticancer	2018	International Journal of Applied Pharmaceutics	0975-7058	10, 3	International
108	Regioselective Synthesis, Antibacterial, Molecular docking and Fingerprint applications of 1-benzhydrylpiperazine derivatized 1,4-disubstituted 1,2,3-Triazoles	2018	Chemistry Select	2365-6549	3	International
109	3-(3,5-Difluorophenyl)-1-phenyl-1H-pyrazole4- carbaldehyde	2018	Molbank	1422-8599	M1011	International
110	Benzo[d]28rapheme28-5-yl)-5-(substituted)-1,3,4- Oxadiazoles: Synthesis, Anticancer, Antimicrobial and In Silico studies	2018	Letters in Drug Design and Discovery	1875-628X	16	International
111	Benzyl and Solfonyl derivatives of N-(2,6-dimethylphenyl)-2-(piperazin-1-yl)acetamide(T2288): Biological Screening and Fingerprint applications	2019	Orient. J. Chem.,	2231-5039	35, 1	International
112	Synthesis, Biological Evaluation and Docking Studies of Sulfonyl Piperazine Derivatives: Part-A	2019	Journal of Applicable Chemistry	2278 – 1862	8, 2	International
113	Synthesis and electropolymerization of cobalt tetraaminebenzamidophthalocyanine macrocycle for the amperometric sensing of dopamine	2019	Journal of Electroanalytical Chemistry	1572-6657	838	International
114	Fluorescent aromatic symmetrical azines: Synthesis and appraisal of their photophysical and electrochemical properties	2018	Optical Materials	1873-1252	85	International
115	Environmentally Benign Approach for the Synthesis of Azo Dyes in the Presence of Mesoporous Sulfated Core-Shell Zirconia-Copper(I) Oxide Solid Acid Catalyst	2019	ChemistrySelect	2365-6549	4, 17	International
116	Synergistic effect of Hybrid Ce <sup>3+</sup> /Ce <sup>4+</sup> doped Bi <sub>2</sub> O <sub>3</sub> Nano-sphere Photocatalyst for Enhanced Photocatalytic Degradation of Alizarin Red S Dye and its NUV Excited Photoluminescence	2019	Journal of Environmental Chemical Engineering	2213-3437	7, 3	International

	Studies					
117	A non-enzymatic electrochemical sensor based on ZrO <sub>2</sub> : Cu(I) nanosphere modified carbon paste electrode for electro-catalytic oxidative detection of glucose in raw Citrus aurantium var. sinensis	2019	Food Chemistry	0308-8146	300, 1	International
118	Synthesis, Crystal structure and Molecular Docking Studies of Novel 2-(4-benzoylpiperazin-1-yl) quinoline-3-carbaldehyde	2019	Chemical Data Collections	2405-8300	24	International
119	Ultrasound induced synthesis of dual phased hierarchical ZrO <sub>2</sub> : Eu <sup>3+</sup> architectures: Fluorescent based sensor for rapid visualization of latent fingerprints	2019	Colloids and Surfaces A: Physicochemical and Engineering Aspects	0927-7757	581	International
120	Synthesis and discovery of N-(1-methyl-4-oxo-4,5-dihydro-1H-imidazol-2-yl)-[1,1'-biphenyl]-2-carboxamide derivatives as antimicrobial agents	2020	Journal of Heterocyclic Chemistry	1211-1219	57	International
121	Synthesis, biological screening, in silico study and fingerprint applications of novel 1, 2, 4-triazole derivatives	2020	Journal of Heterocyclic Chemistry	2010-2023	57	International
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 MoS <sub>2</sub> /Wurtzite ZnS Heterostructure Photocatalyst	2020	ChemistrySelect	6918-6926	5	International
124	Rutile, mesoporous ruthenium oxide decorated 2D graphene 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

	Studies of 2-Phenyl Quinoline-4-Carboxamide Derivatives					
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 Co <sub>3</sub> O <sub>4</sub> @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-benzylidene-5-aza-2-oxindole derivatives (Part-1)	2021	Chemical Data Collections	100617	31	International
130	N <sup>2</sup> -((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 Ce <sup>4+</sup> /3 <sup>+</sup> 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

137	Molecular iodine catalyzed solvent free one pot synthesis, characterization, insilico ADME, hERG analysis, molecular docking studies and dft analysis of 2- substituted 4,5-diphenyl-1h-imidazole derivatives	2021	Journal of Advanced Scientific Research	4	12	International
138	NrGO wrapped Cu-ZrO <sub>2</sub> as a multifunctional visible-light-sensitive catalyst for advanced oxidation of pollutants and CO <sub>2</sub> reduction	2022	Journal of Environmental Chemical Engineering	107679	10	International
139	Solar light sensitive hybrid Ce <sup>4+</sup> /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

	Application for Direct Conversion of Alcohol to Azide.					
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 NiCo <sub>2</sub> O <sub>4</sub> 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 ZnCo <sub>2</sub> O <sub>4</sub> 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
158	Experimental Investigation and Numerical Simulation of Carboxylic (COOH) Group Functionalized Graphene-Based Paraffin Wax as Phase Change Material in a	2024	International Journal of Maritime Engineering	141-150	1	International

	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 Hollow 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 CeO <sub>2</sub> 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 CuFeX <sub>2</sub> Nanocrystals and Surface Passivated CuFeX <sub>2</sub> /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

21. Patents: patens filed-04

22. 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
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

### 23. 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	Sandmeyer's Reaction- Experimental Video	Synthesis of p-Chlorotoluene from p-Toluidine

#### 24. 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 standing 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 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

#### 25. 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

#### 26. 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]**