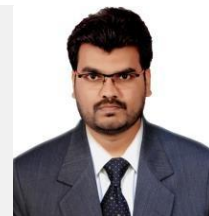


CURRICULUM VITAE

Dr. PRADEEPA S.M



Address for Communication

Dr. Pradeepa S.M
Nanjundeshwara Nilaya,
#1347, 10th Cross,
1st E Main Road,
Kengeri Satellite Town
Bengaluru-560060
Karnataka, INDIA

Permanent Address

Dr. Pradeepa S.M
S/o Mahadevappa S
Sirabadige (Village)
Lakkamanahalli (Post)
Chikkamagaluru (T) & (D)
Karnataka - State
Pin - 577168

Phone No.

Mob: (+91) 7411966337

E-mail Address

pradeepsmpdt@gmail.com

Personal Data

DOB: 05th December 1986
Sex: Male
Nationality: Indian
Religion: Hindu
Caste: IIIB
Marital Status: Married

Languages Known

- **Kannada**
(Read/Write/Speak)
- **English**
(Read/Write/Speak)
- **Hindi**
(Read/Write/Speak)

Objective

To secure a challenging and responsible position in a development oriented institution where there is scope for contributing and updating my knowledge and skills for the development of self and the institution.

Personal Traits

Flexible, Responsible, Self-disciplined, Sincere with good interpersonal skills and willingness to learn.

Present Status

Presently, I am working as an **Assistant Professor** in Department of Chemistry at **BMS College of Engineering**, P.O. Box No.: 1908, Bull Temple Road, Bangalore - 560 019, Karnataka, INDIA.

Academic Qualifications

Ph.D: Doctorate on research entitled “**Development of Metal based Photosensitizers: Studies on Synthesis, Characterization, DNA binding and Photocleavage activity**”

Post Graduation: **M.Sc.: August 2007- May 2009**

(Distinction with “O” Grade-Got University 9th Rank),

Under Graduation: **B.Sc.: April 2004- May 2007**

(**First class with Distinction**)

Specialization: Physics, Mathematics, Chemistry

D.V.S Arts and Science College,

Shivamogga, INDIA

Research Details:

Citations: 266, **h-Index:** 7, **i10-Index:** 7

Web of Science ResearcherID: AAF-1189-2019

Publons ID:

<https://publons.com/researcher/3202942/dr-pradeepa-s-m/>

Scopus ID:

<https://www.scopus.com/authid/detail.uri?authorId=54933506400>

ORCID ID :

<https://orcid.org/0000-0001-5854-4981>

Google Scholar ID:

<https://scholar.google.co.in/citations?user=8IC02BkAAAAJ&hl=en>

Educational Qualification:					
Name of the Institute	Degree	Branch / Specialization	% of Marks / grade secured	Year of award of degree	Ranks / Medals, if any
Kuvempu University	Ph.D	Industrial Chemistry	-----	2015	-----
Kuvempu University	M.Sc.	Industrial Chemistry	79.09/ "O grade"	2009	9 th Rank
D.V.S Arts & Science College, Shimoga	B.Sc.	Physics, Chemistry Mathematics,	76.93/ First Class	2007	----
D.V.S. PU Science College, Shimoga	P.U.C	Physics, Chemistry Mathematics, Biology	63.00	2004	-----
Sri SGHS, Kunkanadu Kadur (T)	SSLC	KSEE Board	74.24	2002	-----

Hands on Experience with				
Name & Place of the Institute/Industry	Position	From	To	Duration
ACS College of Engineering, Mysore Road, Bengaluru (A unit of RajaRajeswari group of Institutions)	Assistant Professor	21-12-2015	19-05-2023	7.4 Years
Additionally, I am also handled Biochemistry subject for I year B.Sc., Allied Health Sciences- students of RajaRajeswari College of Nursing from 2016 to 2019.				
Bharathi PG and Research Centre & GMIT, Bharathi College, K.M. Doddi, Mandya (D)	Assistant Professor	20-07-2015	20-12-2015	5 Months
PG Dept. of Industrial Chemistry, Kuvempu University	Lecturer	17-08-2009	30-04-2010	1 Year
PG Dept. of Industrial Chemistry, Kuvempu University	Lecturer	01-01-2014	30-05-2014	1 Semester

Research Experience
1. Got Recognition as Research Supervisor from Visvesvaraya Technological University (VTU), Belagavi. Appl. # (RSRI): VTU08171226. Currently, I am guiding three students for their Ph.D degree. 1. Shivarajkumar S (1AH19PCT02): (Studies on Synthesis, Characterization, Electrochemical and Biological activity of Transition metal complexes) 2. Ravi Onteli (1RN22PCY01): (Synthesis, Characterization, spectral analysis and Biological evaluation of Chalcones and salts of some active Pharmaceutical compounds) 3. Priyanka H D: (Transition metal oxide nanoparticles: studies on synthesis, characterization, photocatalytic and antimicrobial activity)
2. Successfully handled BRNS Major Research Project (Sanction No. 2009/34/44/BRNS/3227 dated 22-02-2010) entitled "Development of Metal based photosensitizers for Photodynamic therapy (PDT)" as a Project Fellow from 2010-2014.
3. I performed Characterization and Cell Cytotoxicity (Dark & Photo) studies in Bhabha Atomic Research Centre (BARC), under the guidance of Dr. K. Indira Priyadarsini, Scientific Officer (H), Head Radiation and Photochemistry Division, & Dr. Atanu Barik, Scientific Officer (F), Govt. of India, Trombay, Mumbai- 400085.
4. Instruments handled: UV-visible spectrophotometer, Gel Electrophoresis Unit, Bio-safety Incubator, Bio-Rad plate reader, micro-organisms and cancer cell lines in laboratory condition.

Field(s) of Research Work:

🌈 Photodynamic Therapy (PDT)/ Metal Based Photosensitizers (PS's)/

Bio-Inorganic Chemistry/DNA Interaction Studies/ Biological and Electrochemical Studies

Research papers published/accepted/in press/communicated

1. **Synthesis and characterization of cobalt(II), nickel(II) and copper(II)-based potential photosensitizers: Evaluation of their DNA binding profile, cleavage and photocytotoxicity**
S.M. Pradeepa, H.S. Bhojya Naik, B. Vinay Kumar, K. Indira Priyadarsini, Atanu Barik, S. Jayakumar, *Inorg. Chim. Acta*, 428 (2015) 138-146, **Publisher:** Elsevier, **ISSN:** 0020-1693 **Impact Factor:** 3.118.
2. **DNA binding, Photoactivated DNA cleavage and cytotoxic activity of Cu(II) and Co(II) based Schiff-base azo photosensitizers**
S.M. Pradeepa, H.S. Bhojya Naik, , B. Vinay Kumar, K. Indira Priyadarsini, Atanu Barik, M.C. Prabhakara, *Spectrochim. Acta Part A*, 141 (2015) 34-42. **Publisher:** Elsevier, **ISSN:** 1386-1425, **Impact Factor:** 4.831.
3. **Metal based photosensitizers of tetradentate Schiff base: Promising role in anti-tumor activity through singlet oxygen generation mechanism**
S.M. Pradeepa, H.S. Bhojya Naik, , B. Vinay Kumar, K. Indira Priyadarsini, Atanu Barik, T.R. Ravikumar Naik, M.C. Prabhakara, *Spectrochim. Acta Part A*, 115 (2013) 12-21. **Publisher:** Elsevier, **ISSN:** 1386-1425, **Impact Factor:** 4.831.
4. **Cobalt(II), Nickel(II) and Copper(II) complexes of a tetradentate Schiff base as photosensitizers: Quantum yield of $^1\text{O}_2$ generation and its promising role in anti-tumor activity**
S.M. Pradeepa, H.S. Bhojya Naik, B. Vinay Kumar, K. Indira Priyadarsini, Atanu Barik, T.R. Ravikumar Naik, *Spectrochim. Acta Part A*, 101 (2013) 132-139. **Publisher:** Elsevier, **ISSN:** 1386-1425, **Impact Factor:** 4.831.
5. **Synthesis, DNA-binding, DNA-photonuclease profiling and antimicrobial activity of novel tetra-aza macrocyclic transition metal complexes constrained by thiadiazole**
B. Vinay Kumar, H.S. Bhojya Naik, D. Girija, N. Sharath, **S.M. Pradeepa**, H. Joy Hoskeri. *Spectrochim. Acta Part A*, 94 (2012) 192-199. **Publisher:** Elsevier, **ISSN:** 1386-1425, **Impact Factor:** 4.831.
6. **Metal Complexes of New Tetra-aza macrocyclic Constrained Oxadiazole Ring as Subunits: Synthesis, DNA Binding and Photonuclease Activity**
B. Vinay Kumar, H. S. Bhojya Naik, D. Girija, N. Sharath, **S. M. Pradeepa**. *J. Macromol. Sci. Part A Pure. & Appl. Chem.* 49 (2012) 139-148. **Publisher:** Taylor & Francis, **ISSN:** 1060-1325, **Impact Factor:** 2.168.
7. **Rapid Removal of Hazardous Rose Bengal Dye Using Fe(III)– Montmorillonite as an Effective Adsorbent in Aqueous Solution**, Vinuth M , Bhojya Naik HS, Vinoda BM , **Pradeepa SM** , Arun Kumar G, Chandra Sekhar K, *J. Environ. Anal. Toxicol.* 6:2, (2016), 1-7, **ISSN:** 2161-0525, **Impact Factor:** 1.51.
8. **Synthesis, Characterization and Antibacterial activity of new scaffold of Schiff base derivatives**
S.M. Pradeepa^{a*}, Rajesha^a, P. Nagendra^a, H. Preethi^a, *Int. Res. J. App. Sci.*, 2 (2015) 16-29, **ISSN:** 2348-9022

9. **Synthesis of the intermediate 2-(bromoacetyl)-3H-benzo [F] chromen-3-one**
Rajesh^{a*}, S.M. Pradeepa^a, K.P. Sukrutha^a, S. Sowmya^a, M.N. Rajesh^a, *Int. Res. J. App. Sci.*, 2 (2015) 10-15, ISSN: 2348-9022
10. **A Simple and Efficient Carbodiimide Mediated One-pot Synthesis of Novel 2-(2-hydroxynaphthalen-1-yl)-3-phenyl-1,3-thiazolidin-4-one derivatives: A Potent Antimicrobial Agent**, Devappa S. Lamani, K. R. Venugopala Reddy* Pradeepa. S.M., *Int. J. ChemTech Res.*, 2 (2), (2010), 1220-1228, ISSN: 2455-9555, Impact Factor: 0.34.
11. **Synthesis and characterization of two novel copper(II)-based mixed chelate photosensitizers as efficient DNA photocleavers and Photocytotoxic agents**
S.M. Pradeepa, H.S. Bhojya Naik, B. Vinay Kumar, *J. Photochem. Photobiol. B*, 2024, (Revised), Publisher: Elsevier, Impact Factor: 2.803.
12. **Quinoline-based Schiff base transition metal complexes: Synthesis, characterization and biological evaluation as potential DNA photocleavers and photocytotoxic agents**
S.M. Pradeepa, H.S. Bhojya Naik, B. Vinay Kumar, *Med. Chem. Res.*, 2024, (Communicated), Publisher: Elsevier, Impact Factor: 1.612.

Conferences and seminars (work presented)

1. Pradeepa S.M.^{a*}, Shivarajkumar S.^a, Vinay Kumar B^b, Vinuth M^c, Harish K.N^d, **Synthesis, Characterization and Antibacterial Activity of New Scaffold of Schiff Base Derivatives at the 19th Annual/5th International Science Fiction Conference 2020 (ISFC-2020) (Virtual)** organized by Bangalore University & Indian Association for Science Fiction Studies @ on December 7, 8 & 9, 2020 Bengaluru, Karnataka, India (Oral Presentation)
2. S.M. Pradeepa^{a*}, S. Shivarajkumar^b, M. Vinuth^c, K.N. Harish^d, **"Design and Characterization of two novel Cu(II)-based mixed chelate Complexes: Evaluation of their DNA binding, DNA Photocleavage and Photocytotoxicity"**, at the *International Conference on Advances in Materials, Ceramics & Engineering Sciences (AMCES-2020)*", organized by Dayanand Sagar College of Engineering, Bengaluru, in collaboration with ICS- Karnataka Chapter and Dept. of Nanotechnology, VTU on 17th-18th January 2020. (Poster Presentation).
3. S.M. Pradeepa^{a*}, S. Shivarajkumar^b, M. Vinuth^c, B. Vinay Kumar^d, **"Synthesis and Characterization of divalent transition metal complexes of a Schiff base ligand: Evaluation of their DNA binding, DNA photocleavage and Antibacterial activity"**, at the *1st International Conference on Life, Chemical and Health sciences (ICLCHS-2019)*", organized by dept. of life sciences MS Ramaiah College of Arts, Science & commerce, in collaboration with KSTA, Dept. of IT, BT & Science and Technology, Govt. of Karnataka, Bengaluru on 24-26 October 2019. (Poster Presentation).
4. S.M. Pradeepa^{a*}, H.S. Bhojya Naik^b, B. Vinay Kumar^c, G. Banuprakash^d, **"Divalent transition metal complexes of a Schiff base ligand: Studies on Synthesis, Characterization, DNA binding, DNA photocleavage and Antibacterial activity"**, at the *International Conference on Innovations and Challenges in Science and Technology (ICICST-2018)*", which was held at the Department of Basic Sciences, Don Bosco Institute of Technology, Mysore Road, Bengaluru on 24-26 May 2018. (Oral Presentation).
5. S.M. Pradeepa^{a*}, H.S. Bhojya Naik^b, B. Vinay Kumar^c, G. Banuprakash^d, **"Divalent transition metal complexes of a Bio active Schiff base ligand: Studies on Synthesis, Characterization, DNA Interaction and Antibacterial activity"** at the National Conference on **"Recent advances in chemical biology & material Science for Industry & Society (RACBMS-2018)"**, which was held at the Department of Industrial Chemistry, Kuvempu University, Kuvempu University, Shankaraghatta on 09th and 10th Feb 2018. (Poster Presentation).

6. **S.M. Pradeepa^{a*}**, H.S. Bhojya Naik^b, M.C. Prabhakara^c, Rajesha^a, **“Synthesis and Characterization of some novel Schiff base transition metal complexes: Evaluation of their antibacterial activity”** at the **8th KSTA Annual Conference-2015** on **“Science and Technology for Gen-Next Urban Space”**, jointly organized by Karnataka Science and Technology Academy and Bangalore Institute of Technology (BIT) during 05th & 6th November, 2015 held at Bangalore Institute of Technology (BIT), Bangalore. **(Poster presentation)**.
7. **S.M. Pradeepa^a**, H.S. Bhojya Naik^{a*}, B.M. Vinoda^a, K.R. Kotresh ^c, B. Avinash ^c **“Bivalent transition metal complexes of a Schiff base ligand: Studies on synthesis, characterization, DNA interaction and antibacterial activity”** at the UGC sponsored one day **national seminar** on **“Green Chemistry- Need of the Universe”** held at the Dept. of Chemistry, Sri Sri Shivalingeshwara Swamy Govt. First Grade College and P.G. Centre, Channagiri, Davanagere (D), on 28th February 2015. **(Oral Presentation)**.
8. **S.M. Pradeepa^a**, H.S. Bhojya Naik^{a*}, K. Indira Priyadarsini^b, Atanu Barik ^b, **“Synthesis, characterization and antibacterial activity studies of novel Co(II), Ni(II) and Cu(II) complexes of Schiff base ligand with quinoline core”**, at the two days **national conference** on **“Recent Trends in Medicinal Chemistry**, which was held at Dept. of Chemistry, Jyothi Nivas Autonomous College, Bangalore during 03-04th September 2014. **(Poster presentation)**.
9. **S.M. Pradeepa^a**, H.S. Bhojya Naik^{a*}, K. Indira Priyadarsini^b, Atanu Barik^b **“Synthesis, characterization, DNA interaction and Photocytotoxic studies of new Cobalt(II), Nickel(II) and Copper(II) complexes of a Schiff base ligand bearing thiophene ring”**, at the **“XXXII Annual Conference of Indian Council of Chemists”** held at the Dept. of Chemistry, Karnatak University Dharwad, during 28-30th November 2013. **(Oral Presentation)**.
10. **S.M. Pradeepa^a**, H.S. Bhojya Naik^{a*}, K. Indira Priyadarsini^b, Atanu Barik^b, **“Cobalt(II), Nickel(II) and Copper(II) complexes of a Schiff base ligand with Quinoline core as Photosensitizers: DNA binding, Photoinduced DNA cleavage and Photocytotoxic studies”**, at the **“International Conference on Biological Inorganic Chemistry (ICBIC-2013)”**, which was held at the Department of Chemistry, Periyar University, Periyar Palkalai Nagar, Salem-636011, Tamil Nadu on 20-22 February 2013. **(Oral Presentation)**.
11. **S.M. Pradeepa^a**, H.S. Bhojya Naik^{a*}, K. Indira Priyadarsini^b, Atanu Barik^b, M.C. Prabhakara, **“Evaluation of DNA Binding, Photoactivated DNA cleavage and Photocytotoxicity of Metal based photosensitizers of tetradentate Schiff base”** at the **5th Annual KSTA Conference-2012** on **“Science and Technology for Societal Transformation”**, jointly organized by Karnataka Science and Technology Academy and Dayananda Sagar Institutions during 19-20th December, 2012 held at Dayananda Sagar Institutions, Bangalore. **(Poster presentation)**.
12. **S.M. Pradeepa^a**, H.S. Bhojya Naik^{a*}, K. Indira Priyadarsini^b, Atanu Barik^b, **“Metal Based Photosensitizers of Br-substituted bis-aroyl Schiff base: DNA binding, Photoinduced DNA cleavage and Photocytotoxic studies”**, at the **“6th International Meeting on Halogen Chemistry (HALCHEM-VI)”**, during 8-11th December, 2012 held at Dept. of Inorganic and Physical Chemistry, Indian Institute of Science, Bangalore, India. **(Poster presentation)**.
13. H.S. Bhojya Naik^{a*}, **S.M. Pradeepa^a**, K. Indira Priyadarsini^b, **“Mononuclear Cu(II) and Co(II) complexes of photochromic ligands as a new class of photosensitizers: DNA binding and near-IR light induced DNA cleavage studies”** at the **GECON-CONCOORD 2012** held at Metabief-Mont D’or, France, during 30-08th June, 2012. **(Poster presentation)**.
14. **S.M. Pradeepa^a**, B. Vinay Kumar^a H.S. Bhojya Naik^{a*}, Atanu Barik^b, K. Indira Priyadarsini^b, **“Synthesis, Characterization and DNA interaction studies of Iron(III) and Chromium(III) complexes of a tetradentate bis aroyl Schiff base”** at the two days National conference on **“Impact of Chemical biology on society NCICBS-2012”**, during 26th & 27th April 2012, Organized by the Dept. of P.G. Studies and Research in Industrial Chemistry, Kuvempu University, Shankaraghatta. **(Poster presentation)**.

15. **S.M. Pradeepa^a**, B. Vinay Kumar^a H.S. Bhojya Naik^{a*}, K. Indira Priyadarsini^b, **Synthesis, Characterization, DNA binding and Photo nuclease activity of Cu(II), Co(II), Ni(II) and Fe(III) complexes with Bis acyl Schiff base ligand**, at the “**International Conference on Synthetic and Structural Chemistry (ICSSC – 2011)**”, during 8-10th December, 2011 in the Dept. of Studies in Chemistry, Mangalore University, Mangalore, INDIA. (**Poster presentation**).

Conferences, seminars and Symposium (attended)

1. Participated in three days Faculty Development Programme on “**Recent trends in Science for Versatile Engineering Applications (RSVEA-2019)**” held during 25th July to 27th July 2019 at **Dayananda Sagar Academy of Technology and management**, Bengaluru.
2. Participated in one day national seminar on “**Chemistry of Nanomaterials and their Engg. Applications**” on 10th Feb 2018, Organized by Dept. of Chemistry, Adichunchanagiri Institute of Technology, Chikkamagaluru.
3. Participated in the two days workshop on “**Emerging Trends in Applied Sciences**” from 22nd to 24th JAN 2018, Organized by Dept. of Basic Sciences, SJB Institute of Technology, Bengaluru.
4. Participated in one day national seminar on “**Role of Chemistry in higher Engineering Courses “RCE-2018”**” on 20th JAN 2018, Organized by Dept. of Chemistry, Sambhram Institute of Technology, Bengaluru.
5. Participated in **10th Annual Conference of Karnataka Science & Technology Academy 2018**, from **18th -19th JAN 2018**, Organized by Reva University, Bengaluru.
6. Participated in the two days National workshop on “**Challenges and Opportunities on Renewable Energy Conversion Technologies**” from 25th Feb. 2016 to 26th Feb. 2016, Sponsored by Ministry of New and Renewable Energy (MNRE), Govt. of India, Organized by Dept. of Mechanical Engineering, ACS college of Engineering, Kambipura, Mysore Road, Bengaluru-560074.
6. Participated in the two days workshop on “**Research Methodology**” from 27th July 2016 to 28th July 2016, Organized by Dept. of Biomedical Engineering, ACS college of Engineering, Kambipura, Mysore Road, Bengaluru-560074.
7. Participated in the **103rd Indian Science congress**, held at University of Mysore, Mysuru, Karnataka, India from January 3-7th, 2016.
8. Participated in the Awareness workshop on “**The Facilities of UGC-DAE Consortium For Scientific Research**” held at Manipal Institute of Technology, Manipal on 6th and 7th Sep 2010.
9. Participated in Two day National Seminar on “**Frontier Areas in Chemical Science and Nanotechnology**” held at Dept. of P.G. Studies and Research in Industrial Chemistry, Kuvempu University, Shankaraghatta, on 1st and 2nd May, 2010.
10. Participated in one day National Seminar on “**Pharmaceutical Chemistry and Technology**” held at Dept. of Pharmaceutical Chemistry, Kuvempu University, PG Center, Kadur, on 2nd May, 2012.
11. Participated in National Seminar on “**Progress in Nanoscience and Technology**” organized by Dept. of Nanoscience and Technology, Kuvempu University, on 5th -6th May 2012.
12. Participated in three days workshop on “**Personality Development and Communication Skill**” organized by SC/ST development cell held at Kuvempu University, on 22nd -24th March 2011.

13. Participated in UGC Sponsored one day National Conference on **“Recent Trends in Analytical Techniques [NCRTAT-2011]”** organized by Dept. of Chemistry, D.R.M. Science College, Davanagere on 19th February 2011.
14. Participated in four days **“Kuvempu University Silver Jubilee Exhibition”** organized by Committee for Popularization of Science Education, Kuvempu University, Jnana Sahyadri, held at Kuvempu University, Shankaraghatta during 16th to 19th February, 2012.
15. Participated in Two days National Workshop on **“Elements of Nanoscience & Technology”** organized in association with Karnataka Science and Technology Academy (KSTA) by Dept. of Nanoscience and Technology (Dept. of Industrial Chemistry), Kuvempu University, Shankaraghatta on 12th -13th October, 2012.
16. Participated in DST Sponsored National Conference on **“An Overview of Medicinal Value of Plants”** held at Sahyadri Science College (Autonomous), Shivamogga, on 21st April 2014.
17. Participated in National Workshop on **“Usage of Instruments for Nanotechnology Applications”** Organized by dept. of Nanoscience & Technology and Dept. of Ind. Chemistry, Kuvempu University, Shankaraghatta 577451 on 25th April 2011.
18. Participated in National Seminar on **“Nanotechnology-Past, Present & Future”** held at the Dept. of Chemistry, Kuvempu University, Shankaraghatta 577451 on 04-04-2008.

List of Online International/National Webinars/FDP/Technical talks (Participated)

1. Participated in International Webinar entitled **“Current status of Li-Ion Battery Technology”** by Dr. Supreeth Nagendran, organized by Department of Chemistry Don Bosco Institute of Technology Bengaluru on 5th June 2021.
2. Participated in the Webinar entitled **“Recent Trends & Career Opportunities in RF Engineering”** by Mr. Shambulingappa Vadeyanapur, Sr. RF Engineer, Cambium Networks Pvt, Ltd., Bengaluru, organized by Department of Chemistry Don Bosco Institute of Technology, Bengaluru on 7th June 2021.
3. Participated in the Webinar entitled **“Life with no electricity and living off the grid could you survive?”** organized by Department of Science and Humanities, ACS College of Engineering, Mysore Road, Bengaluru-74 on 12th June 2020.
4. Attended the R&D expert seminar through webinar on the **“Natural Nano Materials Chemistry Exemplified by Cellulosic Fibres & Products”** organized by School of applied Sciences, Dept. of Chemistry, REVA University on 14th June, 2020.
5. Attended the Webinar on **“Research Proposal Writing: Opportunities, Challenges and Myths”** organized by the Department of Basic Sciences of Sri Krishna Institute of Technology, Bengaluru on 12th June 2020.
6. Participated in the webinar on **“Glimpse on Nanotechnology”** organized by Department of Mechanical Engineering in association with Dept. of Basic Sciences, Cambridge Institute of Technology, North Campus, on 10th June 2020.
7. Participated in the Webinar on **“Exploring the Nanoworld”** organized by Department of Science and Humanities, ACS College of Engineering, Mysore Road, Bengaluru-74 on 29th May 2020.
8. Participated in the Webinar on **“Mathematical Modelling of Pandemic Diseases-COVID-19”** organized by Department of Mathematics, ACS College of Engineering, Mysore Road, Bengaluru-74 on 22nd May 2020.

9. Participated in the Faculty Development Programme on **C and C++** organized by PG and Research Department of Physics, Jamal Mohamed College (Autonomous), Tiruchirappalli in association with Spoken Tutorial, IIT Bombay on 27th May 2020.
10. Participated in the National Webinar on "**Two Dimensional Materials for Diverse Applications**" organized by Department of Basic Sciences, Cambridge Institute of Technology on 23rd May 2020.
11. Participated in one week national level E-FDP on "**Mastering the Art of Handling Post COVID Challenges for Sustainable Development**" from 19th May to 23rd May 2020 organized by Dr. M.G.R. Educational and Research Institute, Adayalampattu Phase -II Campus, Chennai.
12. Participated in the webinar on "**Strategy for Enhancing Article Citation & H-Index**" held on 11/05/2020 organized by Dept. of Mechanical Engineering, ACS College of Engineering, Mysore Road, Bengaluru-74.

Details of UG / PG Projects / Dissertations / Mini Projects Guided:

Title	UG/PG	Important Contribution/Results Achieved
1. Synthesis, Characterization and Antibacterial Activity of New Scaffold of Schiff Base Derivatives	PG	We reported a rapid and efficient method for the synthesis of novel linear and Bis acyl schiff base ligands <i>via</i> simple condensation method which afforded good yield purity. All the synthesized compounds were screened for their antibacterial activity.
2. Studies on Synthesis and Biological Activities of New Scaffold of Schiff Bases	PG	In this direction we planned and synthesized many thiosemicarzones and coumarin hydrazones containing heterocyclic atoms such as N,O,S compounds and screened for their biological studies.
3. "Bivalent Transition Metal Complexes of Some Novel Schiff Base Ligands: Synthesis, Structural Characterization and Antibacterial Activity Studies"	PG	We have synthesized and characterized Co(II), Ni(II) and Cu(II) complexes of the Schiff base ligands. All the complexes were highly active against some of the bacterial species. The activity is significantly increased on coordination.

Meritorious Awards:

Description	Yes / no	Details of award
University Rank Holder	Yes	I got Kuvempu University 9th Rank in M.Sc. , (2009 batch) during 20 th convocation.
Best Paper Presentation	Yes	Got best poster award at two days National conference on " Impact of Chemical biology on society NCICBS-2012. "
Best Project Work	Yes	Successfully handled BRNS Major Research Project (Sanction No. 2009/34/44/BRNS/3227 dated 22-02-2010) entitled " Development of Metal based photosensitizers for Photodynamic therapy (PDT) " as a Project Fellow from 2010-2014.
Community Service	Yes	As an active YRC Programme Officer and NSS member, we have organized computer training programme for orphanage children, distribution of study kits, fruits and cloths to orphanage children, Voluntary Blood Donation Camp, Plantation camp, Yoga Day, Unnath Bharat abhiyan, Road Safety drive and Health awareness programme etc.

College/Departmental Responsibilities held so far:

Institute	Year	Responsibility	Important contribution
RNS Institute of Technology	2023-2024	Department R & D Coordinator	Working on all aspects of R & D related work of our department at RNSIT
RNS Institute of Technology	2023-2024	Department- Apertura Magazine Coordinator and RNSIT Website coordinator	Working for updating the departmental activities in both Apertura magazine and Chemistry department website
RNS Institute of Technology	2023-2024	Department UHV Cell Coordinator	Working on all aspects of UHV related work of RNSIT
ACS College of Engineering	2018-2022	Youth Red Cross (YRC) Coordinator	Currently working on all aspects of YRC related work of ACSCE
ACS College of Engineering	2016-2022	National Service Scheme (NSS) Member	Conducted Many events such as Plantation Camp, Banamahotsav, Say No to Crackers, NSS camp etc.,
ACS College of Engineering	2016-2022	NBA Criteria 3# Research and Extension activities Coordinator and Dept. Coordinator for NAAC	Presented Research related progress of the dept. to NBA committee and also Worked on all aspects of NAAC related work
ACS College of Engineering	2016-2020	Internal Test Co-ordinator	Co-ordinated the internal tests of all the first year branches (both P & C cycle)
ACS College of Engineering	2016-2022	Admission Co-ordinator and Promotional activity member	Worked as admn. Coordinator & performed promotional activity
Bharathi PG & Research Centre, Bharathi College, K.M.Doddi, Maduur (T), Mandya (D)	2015	Editorial Board member & Associate Editor to bi-annual scientific journal “The International Research Journal of Applied Sciences” ISSN: 2348-9022	Reviewed more than 8 research Journals

R & D Grants

Project Title	Sanctioned Date and Duration	Amount	Funding	Status
Next Generation Hybrid Vehicles: Digital Twin Development of Bio-methane powered solid oxide fuel cell (SOFCs) Systems	30/08/2024 3 Yeas	10,00,000/-	VTU- CRC	Sanctioned
“Synthesis and Characterization of metal based photosensitizers as efficient Photocleavers and Photocytotoxic agents”	--	Rs. 20.00 Lakhs	VGST, GoK (K-FISTL1)	Submitted
“Synthesis and Characterization of Metal based Photosensitizers as efficient Photocleavers and Photocytotoxic agents for PDT application”	Feb 2016, 2 Year	4,75,000/-	UGC Minor Research Project	Sanctioned, But Not Reported due to change of college from Bharathi college to ACSCE

Computer Skill set
• Operating systems (MS-Windows (any flavor), MS-DOS), • Chemical Draw Tools (Chemsketch 10, Chem office 7.0.). • Other Application MS-Office, Web Browsing along with several other basic and required applications.
Interests & Activity
▪ Able to take the leadership of a team for a particular required task and guide them towards achievement of the set goals. ▪ Hardworking and willing to take on new responsibilities and responds to it with good initiative. Likes to accomplish the tasks in smarter ways. ▪ Open to receive any suggestions and advice from anybody.
References
Dr. H.S. Bhojya Naik (Research supervisor) Professor Dept. of PG Studies and Research in Industrial Chemistry, Jnana Sahyadri, Kuvempu University, Shankaraghatta- 577 451, Shimoga Dist., Karnataka, INDIA. Mob. No.:9448438281 E-mail ID: hsb_naik@rediffmail.com Dr. J. Manjanna, Associate Professor and Chairman Dept. of PG Studies and Research in Chemistry Rani Channamma University, Belagavi Karnataka, INDIA. Mob. No.:9916584954 E-mail ID: jmanjanna@rediffmail.com Dr. Atanu Barik Scientific Officer (E), Radiation Chemistry and Biology Section Radiation and Photo Chemistry Division Bhabha Atomic Research Centre Mumbai, INDIA Mob. No.: +91 9869965829 Email: Atanu@barc.gov.in
Declaration
“I hereby declare that the information furnished above is true to the best of my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars” Date: 20/10/2024 Place: Bengaluru (Dr. Pradeepa S.M)