

## FACULTY PROFILE

1. **Name** : **Dr. SuyogaVardhan D.M**
2. **Address**
  - a. **Office** : Principal  
Sri Venkataramana Swamy College  
Bantwal – 574 211, D. K.
  - b. **Email** : drsuyoga@yahoo.com  
[suyoga.uom@gmail.com](mailto:suyoga.uom@gmail.com)
3. **Contact phone number** : 9481243293
4. **Academic qualifications:**
  - a. **PDF** : UGC – Post Doctoral Fellowship, Awarded 2015 Dec.
  - b. **Ph.D** : 2014; University of Mysore, Manasagangotri, Mysore.  
**Area of research** : Organic Chemistry (Bioorganic and Medicinal Chemistry)
  - c. **M.Sc** : 2010; University of Mysore, Manasagangotri, Mysore.
5. **Research experience**
  - a. **Years** : 08 years under the guidance of Prof. D. Channe Gowda
  - b. **Research field** : “Synthesis and Biological Screening of Urea/Thiourea derivatives of Amino acids/Peptides Conjugated 2,3-dichlorophenyl piperazine”
  - c. **Research publications** : National: 00; International: **18**
6. **Teaching experience** : 7 years
7. **Designation** : Assistant Professor of Chemistry
8. **Area of Specialization** : Synthetic Organic Chemistry, Peptide Chemistry, Conjugation Chemistry, Bioorganic and Medicinal Chemistry

### ***Research Publications:***

1. **D. M. Suyoga Vardhan**, C. S. Shantharam, R. Suhas, M. B. Sridhra and D. Channe Gowda, “Synthesis and structure activity relationship studies of urea and thiourea derivatives of glycine/proline conjugated to 2,3-dichlorophenyl piperazine: An effective class of AGE inhibitors”. *Protein and Peptide Letters*.**2013**, 20, 888-897.  
**Impact Factor: 1.6**
2. **D. M. Suyoga Vardhan**, C. S. Shantharam, R. Suhas, and D. Channe Gowda. “Synthesis and evaluation of novel ureido/thioureido derivatives of amino acids conjugated 2,3-

dichlorophenyl piperazine as highly potent antiglycating agents”. *Journal of Saudi Chemical Society*.2017, 21, 248-257.

**Impact Factor: 5.6**

3. **D. M. Suyoga Vardhan**, C. S. Shantharam, R. Suhas, M. B. Sridhara and D. Channe Gowda. “Synthesis and urease inhibition studies of ureas and thioureas derived from amino acids conjugated heterocycle” *International Journal of Chemical and Pharmaceutical sciences*.2013, 4(3), 65-69.

**Impact Factor: 0.684**

4. **D. M. Suyoga Vardhan**, H. K. Kumara, M. B. Sridhara and D. Channe Gowda. “Synthesis and antioxidant activity of urea and thiourea derivatives of Gly/Pro conjugated 2,3-dichlorophenyl piperazine” *World Journal of Pharmaceutical Research*.2016, 9, 744-755.

**SJIF Impact Factor: 8.453**

5. **D. M. Suyoga Vardhan**, H. K. Kumar, H. Pavan Kumar and D. Channe Gowda. “Inhibition of urease enzyme activity by urea and thiourea derivatives of Dipeptides conjugated 2, 3-dichlorophenyl piperazine” *International journal of Pharmacy and Pharmaceutical Sciences*.2017, 9(9), 92-99.

**Impact Factor: 0.51**

6. **D. M. Suyoga Vardhan**, H. K. Kumara, M. B. Sridhara, D. Channe Gowda, “Urea/Thiourea derivatives of Gly/Pro conjugated 2,3-dichlorophenyl piperazine as potent anti-inflammatory agents: SAR studies” *Indian Journal of Chemistry Sec-B*.2017, 56, 1207-1211.

**Impact Factor: 0.456**

7. **D. M. Suyoga Vardhan**, H. K. Kumar, and D. Channe Gowda. “Urea and Thiourea Derivatives of Dipeptides Conjugated Piperazine Analogue as A New Class of AGE’s Inhibitors: Synthesis and Molecular Docking Studies” *Asian Journal of Research in Chemistry*.2017, 10(4), 459-469.

8. C. S. Shantharam, **D. M. Suyoga Vardhan**, R. Suhas, M. B. Sridhara and D. Channe Gowda, “Inhibition of protein glycation by urea and thiourea derivatives of glycine/proline conjugated benisoxazole analogue – Synthesis and structure activity studies”, *European Journal of Medicinal Chemistry*.2013, 60, 325-332.

**Impact Factor: 6.7**

9. C. S. Shantharam, **D. M. Suyoga Vardhan** and D. Channe Gowda “Synthesis and evaluation of urea/thiourea derivatives of dipeptide linked benzisoxazole as a new class of antiglycation and urease inhibitory agents”, *International Journal of Chemical and Pharmaceutical Sciences*.**2013**, 4(3), 102-112.

**Impact Factor: 0.684**

10. C. S. Shantharam, **D. M. Suyoga Vardhan**, R. Suhas and D. Channe Gowda, “Design and synthesis of amino acids conjugated heterocycle derived ureas/ thioureas as potent inhibitors of protein glycation” *Russian Journal of Bioorganic Chemistry*.**2014**, 40, 443-454.

**Impact Factor: 1.0**

11. M.B. Sridhara, **D.M. Suyoga Vardhan** and D. Channe Gowda. “An eco-friendly protocol for the synthesis of anilines from nitroarenes catalyzed by zinc and ammonium acetate in aqueous media” *Journal of Applicable Chemistry*.**2016**,5(4), 856-860.

**SJIF Impact Factor: 3.494**

12. K. P. Rakesh, C. S. Shantharam, **D. M. Suyoga Vardhan**, N. M. Made Gowda, M. B. Sridhara and D. Channe Gowda. “Synthesis and antiglycation activity of Benzene-1,3,5-tricarboxylic acid mediated new series of Schiff base derivatives”*European Journal of Pharmaceutical and Medical Research*.**2016**, 3(3), 362-367.

**SJIF Impact Factor: 4.897**

13. H. K. Kumara, K. R. Parikshith Gowda, **D. M. Suyoga Vardhan**, H. Pavan Kumar and D. Channe Gowda. “Effect of nanotization on therapeutic activities of biomolecules: Synthesis and characterization” *International Journal of Research on Pharmaceutical Sciences*.**2017**,8(2), 182-190.

14. H. K. Kumara, **D. M. Suyoga Vardhan**, J. Shiva Kumar and D. Channe Gowda. “Bisthiourea derivatives of dipeptide conjugated benzo[d]isoxazole as a class of therapeutics: Synthesis and molecular docking studies.” *Anti-Inflammatory and Anti-allergy agents in medicinal chemistry*.**2017**, 16, 1-11.

15. M. B. Sridhara, **D. M. Suyoga Vardhan**, H. K. Kumara and D. Channe Gowda. “A facile protocol for the synthesis of Azoarenes from nitroarenes using ammonium iodide and magnesium.” *Asian Journal of Research in Chemistry*. 2018, 11(1), 15-18.

16. Honnegowdanahally K. Kumara, Suhas Ramesh, **Doddahindaiah M. Suyoga Vardhan**, J. Shiva Kumar, Dase Channe Gowda. “Dipeptides as linker for multicomponent

presentation—a facile, robust, and high-bioactivity yielding strategy.” *Medicinal Chemistry Research*. 2018, 27, 1504-1516.

**Impact Factor: 1.607**

17. H. K. Kumara, R. Suhas, **D. M. Suyoga Vardhan**, M. Shobha and D. Channe Gowda. “A correlation study of biological activity and molecular docking of Asp and Glu linked bishydrazones of quinazolinones.” *RSC Advances*. 2018, 8, 10644-10653.

**Impact Factor: 2.936**

18. H. K. Kumara, R. Suhas, **D. M. Suyoga Vardhan**, M. Shobha and D. Channe Gowda. “Imidazolo and tryptophan-imidazolo hybrid derived ureas/thioureas as potent bioactive agents—SAR and molecular modelling studies.” *Bioorganic Chemistry*. 2019, 86, 34-38.

**Impact Factor: 3.929**

#### **Affiliations with Professional Bodies/ Societies:**

**Member: The Indian Science Congress Association (Lifetime member: L24885)**

**Member: Indian Council of Chemists (2013-14)**

#### **Presentations/Participations:**

1. **D. M. Suyoga Vardhan** and D. Channe Gowda, “Synthesis of urea/thiourea derivatives of 2, 3-dichlorophenyl piperazine conjugated to glycine - A new series of antiglycating agents for the treatment of diabetes” National Conference on **Recent Trends in Chemistry**, 16-17th September 2011, P.E.S. College of Science, Arts and Commerce, Mandya, Karnataka.
2. Participated in one day Seminar on “**Chemistry of Materials**” on 25th November 2011 at Sri Jayachamarajendra College of Engineering, Mysore, Karnataka, India.
3. **D. M. Suyoga Vardhan** and D. Channe Gowda, “Antidiabetic activity of some urea/thiourea derivatives of amino acid conjugated piperazine moiety” **International Conference on Synthetic and Structural Chemistry**, 8-10th December 2011, Department of Studies in Chemistry, Mangalore University, Mangalore, Karnataka.
4. **D. M. Suyoga Vardhan**, C. S. Shantharam, R. Suhas, M. B. Sridhara and D. Channe Gowda, “Synthesis and structure activity relationship studies of urea and thiourea derivatives of glycine/proline conjugated to 2,3-dichlorophenyl piperazine: an effective class of AGE inhibitors”, *100<sup>th</sup> Indian Science Congress*, 3-7<sup>th</sup> January 2013, Kolkata.

5. C. S. Shantharam, **D. M. Suyoga Vardhan**, R. Suhas, M. B. Sridhara and D. Channe Gowda, "Urea/thiourea derivatives of amino acids-benzisoxazole conjugates: synthesis, characterization and biological evaluation as novel antiglycating agents", *100<sup>th</sup> Indian Science Congress*, 3-7<sup>th</sup> January 2013, Kolkata.
6. **D. M. Suyoga Vardhan** and D. Channe Gowda, Identification of ureido and thioureido analogues derived from amino acids conjugated heterocycle as a potent class of novel urease inhibitors, National Seminar on **Recent Advances in Chemical Biology-An Overview (RACB-2013)**, 15-16th March 2013, Government Science College, Hassan, Karnataka.
7. Participated in one day state level workshop on **Basic Techniques in Instrumental Methods** sponsored by UGCon 27th March 2013 at PG Dept of Chemistry, Biochemistry and Biotechnology, JSS College of Arts, Commerce and Science, Mysore, Karnataka.
8. **D. M. Suyoga Vardhan**, C. S. Shantharam, M. B. Sridhara and D. Channe Gowda, "Synthesis and biological screening of novel urea/thiourea derivatives of pro containing dipeptides conjugated 2,3-dichlorophenyl piperazine", **XXXII Annual Conference of the Indian Council of Chemists** at Department of Studies In Chemistry, Karnataka University, Dharwad on 28th - 30th Nov, 2013.
9. Participated in International symposium on **Chemical Biology – Drug discovery** on 9-10<sup>th</sup> January 2014 at University of Mysore, Manasagangotri, Mysore.
10. **D. M. Suyoga Vardhan**, C. S. Shantharam, R. Suhas, M. B. Sridhara and D. Channe Gowda, "Synthesis and biological screening of novel urea/thiourea derivatives dipeptides conjugated 2,3-dichlorophenyl piperazine", **National Conference on Pure and Applied Chemistry (NACOPAC-2014)** organized by Department of Studies in Chemistry, University of Mysore, Manasagangotri, Mysore – 570 006, from 29<sup>th</sup> to 31<sup>st</sup> of December 2014.
11. **D. M. Suyoga Vardhan**, C. S. Shantharam, R. Suhas, M. B. Sridhara and D. Channe Gowda, "Synthesis and biological screening of novel urea/thiourea derivatives dipeptides conjugated heterocycles", UGC sponsored one day National Conference on "**Frontier Areas in Chemical Science**" organized in the Department of Chemistry, Bharathi College, Bharathinagara on January 10<sup>th</sup> 2015.
12. Participated in UGC sponsored **Open Lecture Series** Organized by Department of Chemistry, Sri. Mahadeshwara Government First Grade College, Kollegal, ChamaraJanagara district, on January 24<sup>th</sup> 2015.

13. Participated in UGC sponsored one day National level seminar on “**Boon and Curse of Biotechnology**” organized by Departments of Sericulture and Biotechnology in association with Botany and Zoology departments held on 27<sup>th</sup> February 2015.
14. Participated in One-day National seminar on “**Chemistry and Chemical biology**” held on 26<sup>th</sup> May, 2015, on the occasion of Prof. K.S. Rangappa’s 60<sup>th</sup> Birthday celebration at Shri NalwadiKrishnaraja Wodeyar Auditorium, University of Mysore, Manasagangotri, Mysuru – 570 006.
15. Participated and paper presented (Oral) on “Synthesis and biological screening of novel urea/thiourea derivatives of pro containing dipeptides conjugated 2,3-dichlorophenyl piperazine” in the **103<sup>rd</sup> Indian Science Congress** held at University of Mysore, Mysuru from January 3 to 7, 2016.
16. **D. M. Suyoga Vardhan**, H. K. Kumara, M. B. Sridhara and D. Channe Gowda. Participated and presented paper (Oral) on “Synthesis and antioxidant activity of urea and thiourea derivatives of Gly/Pro conjugated 2,3-dichlorophenyl piperazine” in the **International Conference on Science and Technology: Future Challenges & Solutions-2016 [STFCS – 2016]** organized by Indian JSPS Alumini Association (IJAA) under the auspices of Japan society for the promotion of sciences (JSPS), University of Mysore and in association with Dept. of Nanotechnology, Visvesvaraya Technological University, held during 8<sup>th</sup> – 9<sup>th</sup> August, 2016 at Vijnana Bhavana, University of Mysore, Mysuru, Karnataka, India.
17. Participated in One day national level conference on **Emerging Trends in Nano-Chemistry (NCETNC-2017)** held on 2<sup>nd</sup> February 2017 organized by MMK & SDM Mahila Vidyalaya, Krishnamurthypuram, Mysore – 04
18. **D. M. Suyoga Vardhan**, H. K. Kumara, H. Pavan Kumar and D. Channe Gowda. Participated and poster presented on “Urea and thiourea derivatives of dipeptides conjugated piperazine analogue as a new class of AGE’s inhibitors: Synthesis and molecular docking studies” in KSTA National conference on **Impact of Science and Technology on Society and Economy** jointly organized by Karnataka Science and Technology Academy (KSTA), DST, Government of Karnataka and Vijayanagara Sri Krishnadevaraya University, Bellari organized during March 8-9, 2017.
19. Participated in UGC sponsored one day national conference on “**Research Advancements in Chemical Biology**” held on 23 March 2017 at JSS College, BN road, Mysuru.
20. Participated in the “**Brain Storming Workshop for Successfully Facing Competitive Examinations**” organized by Special cell for SC-STs, Maharaja’s college centenary hall,

Mysuru in association with Directorate of student welfare, University of Mysore, Mysuru, held on 21st and 22nd April, 2017 at Sri NalwadiKrishnaraja Wodeyar Auditorium (Senate Bhavana), Manasagangotri, Mysuru.

21. **D. M. Suyoga Vardhan**, H. K. Kumar, H. Pavan Kumar and D. Channe Gowda. “Urea and thiourea pharmacophores of GFP tetrapeptide coupled 2,3-dichlorophenyl piperazines: Urease inhibition and molecular docking studies”. Participated in the National conference on “**Biodiversity and Bio-prospecting for sustainable development – 2018**” (BBSD – 2018) organized by Institution of Excellence (IOE) in association with University with Potential of Excellence (UPE) at Vijnana Bhavana, University of Mysore, Manasagangotri, Mysuru, India on 23<sup>rd</sup> and 24<sup>th</sup> February 2018.
22. Participated in the “**International Conference on Nanomaterials and their Applications**” organized by UGC-CPEPA, UPE and DST-PURSE program, held at University of Mysore, Mysuru, India, during March 1-2, 2018.
23. Participated in International webinar on “**Frontier Research in Chemical Sciences 2020**” organized by Department of Chemistry, Mangalore University, Mangalagangothri during September 10<sup>th</sup> to 12<sup>th</sup> 2020.
24. Participated in three days international webinar organized by Department of Chemistry, Manasagangothri from Sep 18<sup>th</sup> to 21<sup>st</sup> 2020.
25. Participated in state level webinar on “**Drug Addiction & Youth**” organized by IQAC, Youth Red Cross Wing & Indian Red Cross society – Kundapur on 16<sup>th</sup> Sep 2020 at Bhandarkar’s Arts & Science College, Kundapur.
26. Participated and Completed with A Grade in Faculty Induction Program(FIP) organized by HRDC, University of Mysore from 23<sup>rd</sup> Oct 2020 to 19<sup>th</sup> Oct 2020 through online mode.
27. Participated in the International webinar “**Lecture Series on Emerging Trends in Chemical Sciences**” organized by PG Department of Chemistry, Vijaya College, Basavanagudi, Bengaluru from 28<sup>th</sup> Jan 2021 to 29<sup>th</sup> Jan 2021.
28. Participated in one day national webinar on “**Optical Interference Thin films for space applications**” organized by Department of Physics & Electronics, KLE’s society’s RL Science Institute on 13<sup>th</sup> Feb 2021.
29. Participated in the National live webinar on “**Molecular Docking in Rational Drug Design**” organized by Department of Chemistry, Annai College of Arts & Science on 27<sup>th</sup> May 2020.
30. Participated in International Webinar, Doctrina – 5 on the topic “The Atomic & Molecular Basis of Materials & Life embodied in Chemistry” Stepping into the next

dimension of electrospun Nanofibre design” organized by Department of Chemistry, Sir Syed College Taliparamba on 26<sup>th</sup> May 2020.

31. Participated in the webinar on “Soil sciences and agricultural chemistry” organized by Department of Chemistry and Biosciences of BLDEA’s Commerce, BHS Arts and TGP Science College, Jamkhandi on 14<sup>th</sup> May 2020.
32. Participated in International webinar on the topic “**The art of synthesizing organic compounds: A researcher’s perspective**” organized by the Department of Chemistry, Sir Syed College, Taliparamba, Kannur, Kerala on 04<sup>th</sup> June 2020.
33. Organized a National Webinar under Star College Scheme on the topic “**Alchemy through Sustained Excellence – meant for setting a career in Chemistry**” on August 26, 2020.
34. Organized a National Webinar under Star College Scheme on the topic “**Benefits of Nuclear Science & Technology to Society**” on December 18<sup>th</sup> 2020.
35. Organized a National Webinar under Star College Scheme on the topic Chemical synthesis of Nanomaterials and their Applications in Chemical Engineering” on 23<sup>rd</sup> January 2021.
36. Organized a National Webinar under Star College Scheme on the topic “Fundamental Questions of Quantum Theory: Its Philosophical, Physical & Quantum Computational Theoretic Perspective” on 26<sup>th</sup> January 2021.
37. Participated in UGC-Sponsored 2-Day “Leadership Development Program -02 (Online) organized by UGC – Human Resource and Development Centre, Manasagangotri, Mysuru on 17<sup>th</sup> & 18<sup>th</sup> March 2021.