



CURRICULUM VITAE

Name:	Dr. Shashikant Walki	
Designation:	Assistant Professor	
Department:	Chemistry	
Specialization & Research Interests:	Organic Chemistry and Synthetic Chemistry	
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2. ACADEMIC QUALIFICATION (in reverse Chronological order):

Degree	Year	University/Board
Ph.D.	2022	Kuvempu University, Shivamogga.
M.Sc.	2012	Karnataka University, Dharwad
B.E.	2010	Karnataka University, Dharwad

3. ANY OTHER QUALIFICATION:**4. PROFESSIONAL EXPERIENCE:**

Organization/Institute/University	Position Held	Duration
Hirasugar Institute of Technology, Nidasoshi	Asst. Professor	01-04-2017 to till date
Hirasugar Institute of Technology, Nidasoshi	Lecturer	05--06-2016 to 31-03-2017

5. ADMINISTRATIVE ASSIGNMENTS:**6. COURSES TAUGHT:**

- Engineering Chemistry
- Chemistry for EEE stream
- Chemistry for CSE stream
- Chemistry for CVE stream
- Scientific foundation of Health
- Innovation and design thinking
- Environmental studies

7. RESEARCH SUPERVISION:**A. Ph.D.:**

- i. Awarded : ---
- ii. Submitted : ---
- iii. Ongoing : ---

B: M.Tech.

- i. Awarded : ---
- ii. Submitted : ---

iii. Ongoing : ---

C. BE/B.Tech Degree Oriented (Bachelor Level Dissertation):

i. Awarded : --

ii. Submitted : --

iii. Ongoing : --

8. CONTRIBUTION TO CORPORATE LIFE OF THE INSTITUTE:

9. MEMBERSHIP OF SOCIETIES/PROFESSIONAL BODIES:

10. PUBLICATIONS:

A. BOOKS/MONOGRAPHS:

1. Authored:

2. Edited:

B. PAPERS IN REFEREED/PEER REVIEWED JOURNALS:

1. **ShashikanthWalki**, S. Naveen, S Kenchanna, K. M. Mahadevan, M. N. Kumara, N. K. Lokanath, Crystal structure of 8-ethoxy-3-(4-nitrophenyl)-2H-chromen-2-one.,*Acta Crystallographica Section E: Crystallographic Communications.*, 2015, 71,(11), 0860-0861
2. **ShashikanthWalki**, S. Naveen, S. Kenchanna, K. M. Mahadevan, M. N. Kumara, N. K. Lokanath., 7-Hydroxy-3-(4-nitrophenyl)-2H-chromen-2-one.,*IUCrData.*,2016, 1 , 160329.
3. **ShashikantWalki**, L. Naik, H. M. Savanur, K. C. Yogananda, S. Naik, M. K. Ravindra, G. H. Malimat, K. M. Mahadevan.,Design of new imidazole-derivative dye having donor- π -acceptor moieties for highly efficient organic-dye-sensitized solar cells.,*Optik.*, 2019,164074.

4. **ShashikantWalki**, L. Naik, H. M. Savanur, M. K. Ravindra, S. Naik, G. H. Malimathand, K. M. Mahadevan., Photophysical Studies on D- π -A Imidazole Derivative for Organic Dye Sensitized Solar Cell Application., *asian journal of chemistry*, 2020, 32 (11), 2829-2838.
5. **ShashikantWalki**, Hemantkumar M. Savanur, Sonia Naik, G. H. Malimath, K. M. Mahadevan and L. Naik., Photophysical and DFT Correlative Studies of New Synthesized 3,3'-Carbonyl Biscoumarin Derivative., *Journal of Molecular Structure*, 2021, 1243, 130781.
6. **Shashikant Walki**, Mahesh Madar , S. Suresha , Kishor Kalarakoppa , Vijet R. Shetty , Moamen S. Refat , Amnah Mohammed Alsuhaibani , Jehan Y. Al-Humaidi , Hemantkumar M. Savanur , Lohit Naik, Microwave assisted structural engineering on efficient eco-friendly natural dye alizarin for dye sensitized solar cells application, *Optik*, 2023, 287, 171090.
7. **Shashikant Walki**, Doddamani H, Suresha S, Lohit Naik and Sikandar H Dhannur, Synthesis of Blue Light Emitting Nitrophenyl Substituted Coumarin as Photosensitizers for Dye-sensitized Solar Cells, *Goya Journal*, 2023, 16, 11.

C. PAPERS IN CONFERENCES PROCEEDINGS:


1. Presented paper entitled "Synthesis, spectroscopic properties of carbonyl biscoumarin. In National seminar on Recent trends in chemical biology and material science (RTCBMS-2018) organized by Department of chemistry, P.G. Centre Kadur on 26th- 27th February, 2018.
2. Presented Paper entitled "**Synthesis and characterization of highly florescent Donor/Aceptor substituted Imidazole derivative for solar cell application**" in DRDO sponsored two-days international conference on Multi-functional material (ICMM-2019) organized by the Gethanjali College of Engineering and Technology, Hyderabad on 19th& 21th December, 2019.
3. Presented paper entitled "**Synthesis of blue light emitting Nitro phenyl substituted Coumarin as photo- sensitizer for solar cell application**" in three-days Indo-UK international virtual conference on Advanced Nano materials for energy and Environmental applications (IANEE-2020) jointly organised by Department of Nano Science and Technology, Aligappa University India and Brunel University London on 16th-18th September 2020.
4. Presented paper entitled "**Photo physical and DFT Correlative Studies of New Synthesized 2-(3-Oxo-3H-Benzo[f]Chromene-2-Carbonyl)-3H-Benzo[f]Chromen-3-One**" in AIP sponsored three -days National conference on Physics and Chemistry of Materials (NCPCM2020) organized by Department of Physics, Government Holkar Science college, Indore on 14th- 16th December, 2020.

11. Patents/Copyrights/IPR (If Any)**12. INVITED TALKS:****13. RESEARCH PROJECTS (COMPLETED/ONGOING):**

**14. PARTICIPATION & PRESENTATIONS IN SEMINARS /SYMPOSIA/
WORKSHOPS/ CONFERENCES:**

Sl. No.	Topic	Period		Venue
		From	To	
1	Faculty Development Program on "Biology for Engineers"	30 th May 2023.	3 rd June 2023.	Jain College of Engineering
2	Faculty Development Program on "Polymer Composites for Engineering Applications"	22 nd May 2023.	26 th May 2023.	B. M. S. College of Engineering, Bengaluru
3	"Recent Trends in Green Chemistry-2021"	15th November 2021	19th November 2021	Don Bosco Institute of Technology, Bengaluru

15. AWARDS, FELLOWSHIPS & OTHER DISTINCTIONS:

16. ANY OTHER SIGNIFICANT INFORMATION:


Dr. Shashikant Walki