




## CURRICULUM VITAE

<b>Name:</b>	Dr. S. J. Walki	
<b>Designation:</b>	Assistant Professor	
<b>Department:</b>	Chemistry	
<b>Specialization &amp; Research Interests:</b>	Organic Chemistry, DSSC, Organic Dyes	
<b>Email IDs (Official &amp; Personal)</b>	Sjwalki.chem@hsit.ac.in anandwalki@gmail.com	
<b>Mobile No.:</b>	8105787069	
<b>Address:</b>	Dept. of Chemistry HSIT, Nidasoshi-591236 Dist: Belagavi	

### 2. ACADEMIC QUALIFICATION (in reverse Chronological order):

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

### 3. ANY OTHER QUALIFICATION:

**4. PROFESSIONAL EXPERIENCE:**

Organization/Institute/University	Position Held	Duration
S. J. P. N. Trust's Hirasugar Institute of Technology, Nidasoshi	Assistant Professor	2016 to Till Date
S. S. Arts and T. P. Science Institute Sankeshwar	Lecturer	2012 to 2014

**5. ADMINISTRATIVE ASSIGNMENTS:**

Position Held	Duration	Nature of Work
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**6. COURSES TAUGHT:**

1. Engineering Chemistry
2. Environmental Studies

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

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

**B. M. Tech.:**

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

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

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

**8. CONTRIBUTION TO CORPORATE LIFE OF THE INSTITUTE:**

- EMS Co coordinator

**9. MEMBERSHIP OF SOCIETIES/PROFESSIONAL BODIES:**

--NIL--

**10. PUBLICATIONS:**

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- $\pi$ -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- $\pi$ -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., Accepted by *AIP conference proceedings*.

**A. BOOKS/MONOGRAPHS:****1. Authored:**

--Nil--

**2. Edited:**

--Nil--

**B. PAPERS IN REFEREED/PEER REVIEWED JOURNALS:**

- i. ActaCrystallographica Section E: Crystallographic Communications
- ii. Optik
- iii. Journal of Molecular Liquids

**C. PAPERS IN CONFERENCES PROCEEDINGS:**

--Nil--

**11. Patents/Copyrights/IPR (If Any):**

--Nil--

**12. INVITED TALKS:**

--Nil--

**13. RESEARCH PROJECTS (COMPLETED/ONGOING):**

--Nil--

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

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.,*ActaCrystallographica 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- $\Pi$ -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- $\pi$ -A Imidazole Derivative for Organic Dye Sensitized Solar Cell Application., *asian journal of chemistry*,2020, 32 (11), 2829-2838.

5. **Shashikant Walki**, 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., Accepted by *AIP conference proceedings*.

#### **Papers Presented in National and International Conferences/Seminars and symposium:**

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 26<sup>th</sup>- 27<sup>th</sup> February, 2018.
2. Presented Paper entitled "**Synthesis and characterization of highly florescent Donar/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 19<sup>th</sup>& 21<sup>th</sup> 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, Algappa University India and Brunel University London on 16<sup>th</sup>-18<sup>th</sup> 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 14<sup>th</sup>- 16<sup>th</sup> December, 2020.

#### **Participated in International/National Level Conferences and Seminars:**

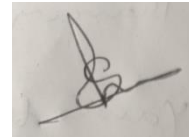
1. Participated in UGC sponsored two days national conference on "Advanced Nanotechnology and its applications" organised by Maharani's Science College for Women, Bangalore on 22<sup>nd</sup> and 23<sup>rd</sup> January 2015.
2. Participated in Two day International Webinar on "Advancements in chemical sciences towards covid-19" organized by Department Of Chemistry, Rani Channamma University, Belagavi on 12<sup>th</sup> -13<sup>th</sup> June 20220.
3. Participated in one day International webinar on "Corrosion performances of light metals" organised by Department of Science and Humanities, Hindustan Institute of Technology, Coimbatore on 2<sup>nd</sup> July 20220

#### **15. AWARDS, FELLOWSHIPS & OTHER DISTINCTIONS:**

--Nil--

**16. ANY OTHER SIGNIFICANT INFORMATION:**

--Nil--



(Shashikant Walki)