




## CURRICULUM VITAE

<b>Name:</b>	Dr. S. L. PATIL	
<b>Designation:</b>	Assistant Professor	
<b>Department:</b>	Mathematics	
<b>Specialization &amp; Research Interests:</b>	Graph Theory, Numerical Methods, Complex Analysis.	
<b>Email IDs (Official &amp; Personal)</b>	sipatil.math@hsit.ac.in shrinathlpatil@gmail.com	
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### 2. ACADEMIC QUALIFICATION (in reverse Chronological order):

Degree	Year	University/Board
Ph.D	2022	VTU, Belagavi
M.Sc.	2009	Karnataka University Dharwad
B.Sc.	2004	Karnataka University Dharwad

### 3. ANY OTHER QUALIFICATION:

Bachelor of Education from Karnataka University, Dharwad.

### 4. PROFESSIONAL EXPERIENCE:

Organization/Institute/University	Position Held	Duration
S. J. P. N. Trust's Hirasugar Institute of Technology, Nidasoshi	Assistant Professor	2009 to Till Date
S. J. P. N. Trust's PU Science College, Nidasoshi	Lecturer	2008 to 2009

### 5. ADMINISTRATIVE ASSIGNMENTS:

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

1. Calculus and Linear Algebra
2. Advanced calculus and Numerical Methods
3. Transform Calculus, Fourier series & Numerical Techniques
4. Complex Analysis, Probability and Statistical Methods
5. Additional Mathematics
6. Advanced Mathematical Methods in Engineering

**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:**

- Programme Officer Indian Red Cross Society.
- Worked as a Programme Officer NSS unit for five years.
- Member of OBC Cell committee.
- Member of Discipline committee.

**9. MEMBERSHIP OF SOCIETIES/PROFESSIONAL BODIES: NIL****10. PUBLICATIONS:**

1. Sudhir R. Jog, Shrinath L. Patil, On Status Indices of Some Graphs, *International J. Math. Combin.*

Vol.3(2018), 99-107.

2. Sudhir R. Jog, Shrinath. L. Patil and Jeetendra. R. Gurjar, Degree Sum Exponent Distance Index of a Graph, *International Journal of Mathematics and its Applications*, 8(3) (2020), ISSN: 2347-1557, Pages 163-175.
3. Sudhir R. Jog, Shrinath. L. Patil, Spectra of k coalescence of complete graphs, *International Journal of Asia Mathematica*, Volume: 5, Issue: 1, (2021) Pages: 113 – 118.

**A. BOOKS/MONOGRAPHS:**

1. Authored : Nil
2. Edited : Nil

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

- i. International Journal of Mathematics and Combinatory.
- ii. International Journal of Mathematics and its Applications.
- iii. International Journal of Asia Mathematica.

**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:**

1. Presented a Paper on “Derived Graphs of Some Graphs” in the National Conference on “Recent Advances in Mathematical Sciences” organized by Dept. of Studies and research in Mathematics, Tumkur University, Tumakuru during December, 1- 2, 2017.
2. Presented a Paper on “On Status Indices of Some Graphs” in the National Conference on “Graph Theory and Discrete Mathematics-2018” Organized by Dept. of Mathematics, Mangalore University, Mangalagangothri, Mangalore, during February, 5- 6, 2018.
3. Presented a Paper on “Laplacian and Signless Laplacian Spectra of Derived Graphs”, in international Conference on Recent trends in Mathematics (ICRTM-2018), held at KLE Society’s, Raja Lakhamagouda Science Institute (Autonomous and CPE), Belagavi (Karnataka, India), December, 27-29, 2018.
4. Presented a Paper on “Degree Sum Exponent Distance Index of a Graphs”, in International Conference on Recent Trends in Graph Theory (ICRTGT-2020), held at Karnataka University, Dharwad, July, 27-29, 2020.
5. Presented a Paper on “Albertson Spectra and Energy of some graphs”, Virtual International Conference on Discrete Mathematics (VICDM-2020). Held at Mangalore University, Mangalagangothri, Mangalore during February, 08-10, 2021.
6. Attended Two week FDP on “Current Practices and Critical Issues for OBE in Engineering Education” organized by Basaveshwar Engineering College, Bagalkot, During 27<sup>th</sup> Jan to 07<sup>th</sup> Feb 2020.
7. Attended TEQUIP-1.3 Sponsored One week FEP on “Engineering Mathematics-I” from 7-11 Aug 2018. Organized by VTU-HRDC, centre for PG studies Muddenahalli, Chikkaballapur.

9. Attended One day workshop on “Research Methodology” held on Nov 11-2017 at KLS Gogate Institute of Technology, Belagavi.
10. Attended “One day workshop on Engineering Mathematics-IV” held on Feb, 04- 2017 at Jain College of Engineering, Belagavi.
11. Attended Workshop on “Mathematics for Science, Engineering & Polytechnic Lecturers” held on July, 12-14, 2010 at S. G. Balekundri Institute of Technology, Belagavi.
12. Attended “International Conference on Emerging Trends in Mathematics” held on July, 25-26, 2014 at Sri Krishna Devaraya University, Bellary.
13. Attended “National Seminar on Recent Trends in Mathematics and Its Applications” held on Jan, 28-29, 2014 at Gogate Institute of Technology, Belagavi.
14. Attended “Synergy in Engineering and mathematics (SEAM-2013)” A workshop for Mathematics faculty held on July 30-31, 2013 at VTU, Belagavi.
15. National Workshop on “Application of Mathematics in Engineering” held on July, 2010, at HIT, Nidasoshi.

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

**16. ANY OTHER SIGNIFICANT INFORMATION: Nil**



(S. L. Patil)