

<div style="display: flex; justify-content: space-between; align-items: center;">  <div style="text-align: center;"> <p>Savitribai Phule Shikshan Prasarak Mandal's</p> <p><b>N B NAVALE SINHGAD COLLEGE OF ENGINEERING</b></p> <p><i>(Approved by AICTE &amp; Affiliated to P. A. H. Solapur University, Solapur)</i></p> <p><b><u>CURRICULAM VITAE</u></b></p> </div>  </div>																								
	<p><b>Mr. Shashikant Shivaputra Hippargi</b></p> <p>Assistant Professor, M. Tech. (Digital Communication)</p> <p>✉ <a href="mailto:shashikanthippargi80@gmail.com">shashikanthippargi80@gmail.com</a> ☎ <b>8788634831</b></p>																							
<b>Profile Summary</b>	<ul style="list-style-type: none"> <li>Total Experience 22 Years: Teaching 21 Years, Industrial: 1 Year</li> <li>Received 3 times Best Teachers Award</li> <li>GATE Qualified</li> <li>Working as Coordinator for Student Development and Career Counseling Cell</li> <li>Worked as IQAC Coordinator</li> <li>Worked as Head of Department for E&amp;TC, CSE and IT</li> <li>Aptitude Trainer for Placement Activity</li> <li>Trainer for Arduino Programming and Interfacing</li> </ul>																							
<b>Educational Details</b>	<table border="1"> <thead> <tr> <th>Institute / University Name</th> <th>Passedout Year</th> <th>Degree</th> <th>Remark</th> </tr> </thead> <tbody> <tr> <td>B.M.S. College of Engineering, Bengaluru (Visvesvaraya Technological University)</td> <td>2006</td> <td>M. Tech</td> <td>First Class with Distinction</td> </tr> <tr> <td>B. L. D. E. A's V. P. Halkatti College of Engg. &amp; Technology, Vijayapura</td> <td>2001</td> <td>B. E.</td> <td>First Class with Distinction</td> </tr> <tr> <td>Pre University Board, Bengaluru</td> <td>1997</td> <td>XII</td> <td>First Class</td> </tr> <tr> <td>K. V. BSF, Jodhpur (Central Board of Secondary Education)</td> <td>1995</td> <td>X</td> <td>First Class</td> </tr> </tbody> </table>				Institute / University Name	Passedout Year	Degree	Remark	B.M.S. College of Engineering, Bengaluru (Visvesvaraya Technological University)	2006	M. Tech	First Class with Distinction	B. L. D. E. A's V. P. Halkatti College of Engg. & Technology, Vijayapura	2001	B. E.	First Class with Distinction	Pre University Board, Bengaluru	1997	XII	First Class	K. V. BSF, Jodhpur (Central Board of Secondary Education)	1995	X	First Class
Institute / University Name	Passedout Year	Degree	Remark																					
B.M.S. College of Engineering, Bengaluru (Visvesvaraya Technological University)	2006	M. Tech	First Class with Distinction																					
B. L. D. E. A's V. P. Halkatti College of Engg. & Technology, Vijayapura	2001	B. E.	First Class with Distinction																					
Pre University Board, Bengaluru	1997	XII	First Class																					
K. V. BSF, Jodhpur (Central Board of Secondary Education)	1995	X	First Class																					
<b>Area Of Interest</b>	<ul style="list-style-type: none"> <li>Wireless Communication</li> <li>Network Theory &amp; Anlysis</li> <li>Signals and Systems</li> </ul>																							
<b>Subjects Handled</b>																								
<b>UG</b>	<ul style="list-style-type: none"> <li>Signals and Systems, Network Theory &amp; Analysis, Digital Signal Processing, Basic Electronics, Basic Electrical Engg., Electronics Circuits and Design, Digital Electronics, Digital Communication, Infrmation Theory and Coding, C Language, Data Structures, C++, Computer Organization, Embedded Systems, Computer Networks, Data Communications, Research Methodology, Operating Systems</li> </ul>																							
<b>PG</b>	<ul style="list-style-type: none"> <li>Advanced DSP, Wireless Communication, Research Methodology</li> </ul>																							

<b>Research And Guidance</b>	
<b>Number of PG Students Guiding / Guided</b>	14
<b>Invited as Resource Person/ Expert/ Evaluator</b>	<ul style="list-style-type: none"> <li>• Aptitude Training</li> <li>• Expert Lecture on Recent Trends in Electronics and Telecommunication</li> <li>• Expert Lecture on Research Innovation for 12th students</li> <li>• Resource Person Developing Entrepreneurial Competencies</li> <li>• Organizer and Resource Person for Industrial Automation and Arduino Programming</li> <li>• Resource Person for New framework of NAAC Accreditation</li> <li>• Expert: Lecture on Mobile Communication</li> <li>• Lecture on Arduino Board and its Programming</li> <li>• Subject Expert member for LIC By Solapur University, Solapur - 6 Times</li> <li>• Personality Development in Computer Engineering</li> <li>• Lecture on Communication and Networking</li> <li>• Lecture on Modern Digital Modulation Techniques</li> <li>• Guidance to students on the topic Mobile communication &amp; Future Scope of Electronics in Industry</li> <li>• Guidance to students in Signals and Systems</li> <li>• Invited as Judge for Project Competition "PROETX- 2014"</li> <li>• Lecture on Mobile Communication</li> <li>• Judge for TEXPLORE, a paper presentation event</li> <li>• Wireless Communication</li> <li>• Judge for National Level Paper Presentation</li> <li>• Judge in State Level Paper Presentation (TechnoWave- 2012)</li> <li>• Lecture on Mobile Communication Mobile Communication</li> <li>• Lecture on Recent Trends in Digital Communication</li> <li>• Expert for Technokrest</li> <li>• Judge for paper presentation SoftInsignia v.11</li> <li>• Subject Expert member for LIC By Solapur University, Solapur</li> <li>• eminar on Call Processing with CDMA</li> <li>• Guest Lecture on Basics of Python Programming</li> <li>• Guest Lecture on Use of Electronics in Photography &amp; Warmer Machines for Infant and its Automation</li> </ul>
<b>Total Journal Paper Publications</b>	32
<b>Total Conference Paper Publications</b>	2

<p><b>Detailed Journal Publication list</b></p>	<ol style="list-style-type: none"> <li>1. <i>Modified AODV Energy Routing for Optimized Performance in Mobile AD-HOC Networks</i></li> <li>2. <i>Design and Implementation of Wireless Sensor Node for NON contact measurement of liquid</i></li> <li>3. <i>Automatic 2D-to-3D Image Conversion Using KNN search</i></li> <li>4. <i>Implementation on Smart Home to Monitor the Electricity Bill as a Green Energy Initiative: An IOT approach</i></li> <li>5. <i>Sensor Based Smart Home to Monitor the Electricity Bill as a Green Energy Initiative: An IOT Approach</i></li> <li>6. <i>Design and Implementation for multiple disabled persons using Wi-Fi and Zigbee</i></li> <li>7. <i>UAV for Atmospheric Research</i></li> <li>8. <i>Design of Integrated Wireless Network for Rural India</i></li> <li>9. <i>Green Network Approach for Integrated Wireless Network Used in Rural India</i></li> <li>10. <i>IoT Based Precision Agriculture</i></li> <li>11. <i>Precision Agriculture Based on Internet of Things</i></li> <li>12. <i>An Overview of Controlling Vehicle Direction Using Brain Rhythms</i></li> <li>13. <i>Survey on parking availability and prediction techniques using Internet of Things IOT</i></li> <li>14. <i>Cloud Based Smart Vehicle Parking &amp; Antitheft System Using IOT</i></li> <li>15. <i>Implementation of Soft Computing Models of Fruit Grading: A Review</i></li> <li>16. <i>Smart Parking System using Internet of Things (IOT)</i></li> <li>17. <i>Prediction of Parking Availability by Sensor-Enabled Car Parking Slot</i></li> <li>18. <i>Communication Power Supplies: Bringing Internet to Ubiquitous Energy Gateways of Electronic Devices</i></li> <li>19. <i>IoT Based Waste Management System for Smart City</i></li> <li>20. <i>Probabilistic Data Selection and Dissemination of Data DTNs with NCL load Balancing</i></li> <li>21. <i>Piece Wise Linear Companding Approach for PAPR reduction and companding distortion Mitigation in OFDM system</i></li> <li>22. <i>Detection of Tuberculosis using Lung segmentation technique</i></li> <li>23. <i>Efficient Data Access Method in DTNs by Using NCL selection Metric</i></li> <li>24. <i>Design and Implementation of Advanced Secure Intrusion Detection system for MANET</i></li> <li>25. <i>Advanced Secure Intrusion Detection system for MANET</i></li> <li>26. <i>Outage Probability Indoor Optical Wireless Communication Environment</i></li> <li>27. <i>Voice Recognition System for Machine Activation or Security using MFCC</i></li> <li>28. <i>Information Sharing System Using Cloud for Education</i></li> <li>29. <i>Outage Probability Indoor Optical Wireless Probability in Mobile Indoor Optical Wireless Communication Environment</i></li> <li>30. <i>Evaluation of Baseline Class Calculation Algorithm for Image Acquisition Conditions</i></li> <li>31. <i>Monitoring Weight &amp; Level of Garbage in solar powered Dustbin Using Internet of Things (IoT) for SMART CITY</i></li> <li>32. <i>Reliable Infant Warmer to Avoid Accidental Overheating of Newborn</i></li> </ol>
<p><b>Detailed Conference Publication list</b></p>	<ol style="list-style-type: none"> <li>1. <i>Design and Implementation of Automatic 2D – 3D Image Conversion</i></li> <li>2. <i>Activation or Security of Machine Using Voice Recognition System by MFCC</i></li> </ol>
<p><b>FDP/STTP/Workshop Attended: 26</b></p>	

Sr.No	Title	Organized by	Dates from to	Duration in Weeks/ Months
1	Revised Accreditation Framework of NAAC		2020-07-27 to 2020-07-27	1 Day
2	"Prayog – Experiments on Click" using Virtual Labs		2020-05-18 to 2020-05-27	10 Days
3	Transaction Analysis in Education		2020-05-26 to 2020-05-26	1 Day
4	Wireless Communication Towards 5G		2020-05-25 to 2020-05-29	1 Week
5	Python		2020-05-18 to 2020-05-24	1 Week
6	Emerging Trends in Industry 4.0		2020-05-18 to 2020-05-29	2 Weeks
7	Future Vision: Marriage of AI and Block Chain		2020-05-14 to 2020-05-17	4 Days
8	Linux		2020-05-04 to 2020-05-09	1 Week
9	Machine Learning Using Python		2020-08-10 to 2020-08-14	1 Week
10	Leadership and Governance from NBA Perspective		2020-06-23 to 2020-06-23	1 Day
11	MSMEs and Role of Universities		2020-09-12 to 2020-09-12	
12	Effective Use of ICT Tools in Online Teaching		2020-06-22 to 2020-07-04	2 Week
13	C and C++ for Teachers		2020-02-09 to 2020-02-09	1 Day
14	Assuring Success of Engineering Students		2019-11-25 to 2019-11-29	1 Week
15	5 G Communication		2019-11-18 to 2019-11-22	1 Week
16	R Programming Language		2019-11-09 to 2019-11-09	1 Day
17	Revised NAAC Methodology for the Principals/IQAC coordinators of Affiliated Colleges		2019-01-22 to 2019-01-24	2 Days
18	B.E. E&TC, Electronics Curriculum setting & B. Tech. Structure Design		2019-01-17 to 2019-01-17	1 Day
19	Outcome Based Education and Accreditation		2018-09-14 to 2018-09-28	2 Weeks
20	Student Centered Teaching Learning Practices		2017-11-26 to 2017-11-27	2 Days
21	Effective Implementation of NAAC Criteria		2017-03-10 to 2017-03-11	2 Days

22	Syllabus Framing for E&TC		2017-01-30 to 2017-01-30	
23	Writing of Research Papers, Ph.D. Thesis & Project Proposals		2016-12-20 to 2016-12-20	1 Day
24	Use of ICT in Education for Online & Blended Learning		2016-07-02 to 2016-07-10	1 Week
25	Internet of Things(IoT) Based on Raspberry Pi		2016-02-20 to 2016-02-21	2 Days
26	MATLAB with Simulink for DSP Image Processing and MATLAB with VLSI and System Generation		2016-01-22 to 2016-01-26	1 Week

### Mooc/ Other Courses Attended: 1

Sr.No	Title	Organized by	Dates from to	Duration in Weeks/ Days
1	Leadership and Governance from NBA Perspective		2020-06-23 to 2020-06-23	1 Week

### FDP/STTP/Workshop Conducted: 2

Sr.No	Title	Organized by	Worked As	Dates from to	Duration in Weeks/ Days
1	Arduino Programming and Robotics	Saksham Medicare Equipments and Services in Association with NBNSCOE	Coordinator and Resource Person	2023-06-07 to 2023-07-11	1.5 Months
2	Arduino Programming and Interfacing-Handson Approach	Department of E&TC, NBNSCOE	Resource Person	2023-08-16 to 2023-08-20	1 Week

### Other Activities

#### Achievements & Awards

- Best Teacher Award 2018-19: Awarded as Best Teacher for the year 2018-19 by NBNSCOE Solapur
- Best Teacher Award 2017-18: Awarded as Best Teacher for the year 2017-18 by NBNSCOE Solapur
- Best Teacher Award 2015-16: Awarded as Best Teacher for the year 2015-16 by NBNSCOE Solapur
- Appreciation Letter for Getting 100% feedback for Teaching Second Year (E&TC) in the year 2017-2018
- Initiated a Startup in the institute "Saksham Medicare Equipments & Services". A Final year project under my guidance is converted into product (Phototherapy for Neonatal Jaundice).
- Facilitated by IIT Bombay, EOCSE for receiving A Grade in B-Online Test

	<ol style="list-style-type: none"> <li>7. Coordinator and Resource-person for Online Workshop on "Conducting Effective Online Classes through Free Softwares". Around 484 Participants got benefitted from various schools, polytechnic and engineering colleges.</li> <li>8. Secured First Position in Avishkar 2019, a University Level Competition (PAHSUS) under Teacher Level.</li> <li>9. Secured First Position in Avishkar 2019, a College Level Competition under Teacher Level.</li> <li>10. Secured 84% with Elite in NPTEL Online Course on "Enhancing Soft Skills and Personality" conducted in 2018</li> <li>11. Secured 66% with Elite in NPTEL Online Course on "Introduction to Internet of Things" conducted in 2018.</li> <li>12. Secured 75% with Elite + Silver in NPTEL Online Course on "Python for Data Science" conducted in 2019</li> <li>13. Awarded with a certificate of appreciation as a role of Mentor for NPTEL Online Course "Basic Electrical Circuits" in Sept. 2017.</li> <li>14. Certificate of Guidance of Project "Phototherapy for Neonatal Jaundice " at DIPEX State Level Project Competition</li> <li>15. GATE 2014 Qualified</li> </ol>
<b>Professional Memberships</b>	<ol style="list-style-type: none"> <li>1. The Institution of Engineers AM098859-9</li> <li>2. The Indian Society for Technical Education LM98128</li> </ol>
<b>Major Projects Handled</b>	<ol style="list-style-type: none"> <li>1. Design and Development of Reliable Infant Warmer</li> <li>2. Design and Development of Super Phototherapy for Neonatal Juandice</li> </ol>
<b>Personal Details</b>	
<b>Employee Code</b>	
<b>Adhar Card Number</b>	444124496205
<b>Pan Card Number</b>	ABPPH1731H