

# CURRICULUM VITAE

**Dr. Poornima M. Chanal**

**Assistant Professor**

**Department of Electronics and Communication Engineering  
Basaveshwar Engineering College (Autonomous)  
Bagalkot-587102, Karnataka, India**



***poornima.chanal@yahoo.com***

***poornima.chanal@gmail.com***

***pmcec@becbgk.edu***

***+91-9538061707***

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Qualification</b>          | <ul style="list-style-type: none"> <li>• <b>Ph.D. (Electrical &amp; Electronics Engineering)</b><br/>Visvesvaraya Technological University, Belagavi, 2023</li> <li>• <b>M.Tech. (Digital Electronics &amp; Communications)</b><br/>Basaveshwar Engineering College, Bagalkote<br/>Visvesvaraya Technological University, Belagavi, 2014</li> <li>• <b>B. E. (Electronics &amp; Communication Engineering)</b><br/>Smt. Kamala &amp; Shri Venkappa M. Agadi College of<br/>Engineering &amp; Technology, Laxmeshwar-582116<br/>Visvesvaraya Technological University, Belagavi, 2010</li> </ul> |
| <b>My ID's</b>                | <ul style="list-style-type: none"> <li>• Vidwan ID: 149650<br/>(<a href="https://vidwan.inflibnet.ac.in/profile/149650">https://vidwan.inflibnet.ac.in/profile/149650</a>)</li> <li>• Scopus ID: 57189240844</li> <li>• Researcher ID: AAS-1059-2020</li> <li>• Google Scholar ID: kckiM5IAAAAJ</li> <li>• Microsoft Academic Search ID: 5g1e609e-66h7-4f9e-f7g0-59h7jj5gj8i</li> <li>• ORCID ID: 0000-0002-8408-1025</li> <li>• AICTE Faculty ID: 1-2302004909</li> <li>• VTU Faculty ID: 2LBEC0007064</li> </ul>                                                                              |
| <b>Ph.D. Title</b>            | Intelligent Security and Privacy Schemes for Internet of Things.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>M. Tech. Project Title</b> | Mobile Agent Based Reliable Routing Scheme in Vehicular Ad-hoc Networks.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>B. E. Project Title</b>    | Design of 6-bit Dadda Multiplier using Cadance Tool.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Subject Handled</b>        | Digital Electronics and Logic Design, Electronics Devices and Measurements, Information Theory and Coding, Embedded System, Microwave Engineering, 8051 Microcontroller & Embedded System, Multimedia Communication, Network Analysis, Linear Integrated Circuits and its Applications, Basic Electronics, Introduction to Electronics & Communication Engineering.                                                                                                                                                                                                                             |
| <b>Area of Interest</b>       | Internet of Things (IoT), Data/Network Security, Data Communication and Networking, Wireless Sensor Networks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

|  |                                                                                       |
|--|---------------------------------------------------------------------------------------|
|  | (WSNs), Wireless Ad-hoc Networks, Wireless Communication, Computational Intelligence. |
|--|---------------------------------------------------------------------------------------|

|                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Experience</b>                      | 13 Years Teaching Experience<br>06 Research Experience                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Projects Guided</b>                 | PG: 02<br>UG: 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Administrative Responsibilities</b> | <ul style="list-style-type: none"> <li>• NPTEL Coordinator Department level (2023-2025)</li> <li>• Spoken Tutorial coordinator 2024 till date</li> <li>• Admission coordinator</li> <li>• Anti-Ragging Coordinator College Level</li> <li>• Health and wellness coordinator</li> <li>• Board of Studies (BoS) member for Department of Electronics and Communication Engineering</li> <li>• Valuation Coordinator for Department of Electronics and Communication Engineering for the academic year 2020-2021</li> <li>• Member and brand ambassador of Institution Innovation Council (IIC) cell of Basaveshwar Engineering College, Bagalkot</li> <li>• Department bulletin editor</li> </ul> |
| <b>Research Grants</b>                 | <p>Received “Research Grants for Scientists/Faculty (RGS/F)”, from Vision Group on Science and Technology (VGST), Department of Information Technology, Biotechnology and Science and Technology (Dept. of IT &amp; BT), Government of Karnataka of Rs. 3,00,000=00 (3 Lakhs) 2019-2020.</p> <p>Project Title: Intelligent Authentication Scheme for Internet of Things.</p>                                                                                                                                                                                                                                                                                                                    |
| <b>Student Grants</b>                  | <p>Received “Project Grants for Student Project Programme – 48th Series”, from Karnataka State Council for Science and Technology (KSCST) Department of Information Technology, Biotechnology and Science and Technology (Dept. of IT &amp; BT), Government of Karnataka of Rs. 5,000=00 (Five Thousand) 2024-2025.</p> <p>Project Title: CRYSENSE: Intelligent Cradle System using Internet of Things.</p>                                                                                                                                                                                                                                                                                     |
| <b>Incentives</b>                      | Received incentives of Rs. 5000.00 from our management for the research journal (Q1) publication (2024-25).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Publications</b>                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Books/Chapters</b>                  | <ul style="list-style-type: none"> <li>• <b>Poornima M. Chanal</b>, Mahabaleshwar S. Kakkasageri, Sunilkumar S. Manvi, “Security and Privacy in Internet of Things: Computational Intelligent Techniques based Approaches”, Contributed chapter in book titled, “Recent Trends in Computational Intelligence Enabled Research”, Elsevier publisher. (Citations-37)</li> </ul>                                                                                                                                                                                                                                                                                                                   |
| <b>Journals</b>                        | <ul style="list-style-type: none"> <li>• Tarun S. J., Gururaj S. Kori, Supreet Hiremath, <b>Poornima M. Chanal</b>, “Machine Learning Frameworks for Effective Diagnosis of Parkinson’s Disease using NB, GNN, and GBM Algorithms”, International Journal of Computer Applications, Vol. 187, No. 42, pp. 13-25, September 2025 (Web of Science)</li> </ul>                                                                                                                                                                                                                                                                                                                                     |

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                    | <ul style="list-style-type: none"> <li>• Gururaj S Kori, Mahabaleshwar S Kakkasageri, <b>Poornima M. Chanal</b>, Rajani S. Pujar, Vinayak A. Telsang, “Wireless Sensor Networks and Machine Learning Centric Resource Management Schemes: A Survey”, Ad Hoc Networks, Elsevier (Q1)</li> <li>• <b>Poornima M. Chanal</b>, Mahabaleshwar S. Kakkasageri, Rajani S. Pujar, “Cognitive Agent based Context Aware Authentication Scheme for IoT Devices: Regression Approach”, Peer-to-Peer Networking and Applications, Springer (Under review)</li> <li>• <b>Poornima M. Chanal</b>, Mahabaleshwar S. Kakkasageri “Blockchain based Data Integrity Framework for Internet of Things”, International Journal of Information Security, Springer Vol. 23, pp. 519–532, 2023 (Ranking: Q1, Citations: 01)</li> <li>• <b>Poornima M. Chanal</b>, Mahabaleshwar S. Kakkasageri, “Preserving Data Confidentiality in Internet of Things”, Journal of SN Computer Science, Springer, pp. 1-12, 2021. (Ranking: Q2, Citations: 21)</li> <li>• <b>Poornima M. Chanal</b>, Mahabaleshwar S. Kakkasageri, “Security and Privacy in IoT: A Survey”, Journal of Wireless Personal Communication, Springer, Vol. 115, No. 3, pp.1667–1693, 2020 (Ranking: Q2, Citations: 259)</li> <li>• Kirankumar B. Balavalad, Ajayakumar C. Katageri, <b>Poornima M. Chanal</b> and Gururaj S. Kori. “Energy Efficient Multipath Routing Protocol with Guaranteed Data Delivery for Wireless Sensor Network”, International Journal of Information and Education Technology, Vol. 04, No. 05, pp. 430-435, October 2014 (Citations: 01)</li> <li>• <b>Poornima M. Chanal</b>, “Secured Authentication Scheme for Device-to-Device Communication in IoT” (Under Progress)</li> </ul> |
| <b>Conferences</b> | <ul style="list-style-type: none"> <li>• Yaseen Bagawan, Gururaj S. Kori, <b>Poornima M. Chanal</b>, “A Unified Vision Transformer and LSTM Framework for Traffic Estimation in Urban VANETs”, Proc. of the 2nd IEEE International Conference on Vehicular Technology and Transportation System, (ICVTTS-25), CHRIST (Deemed to be University), Bangalore, India, September 19 - 20, 2025</li> <li>• Gururaj S. Kori, <b>Poornima M. Chanal</b>, Basavaraj M. Angadi, “A Multiagent Framework for Service Discovery in Vehicular Cloud Networks”, Proc. of the 16th IEEE International Conference on Computing, Communication and Networking Technologies (ICCCNT-19), IIT Indore, India, July 6-11, 2025</li> <li>• Supreet Hiremath, Tarun S. J., Gururaj S. Kori, Md. Ashfaq Sasalatti, <b>Poornima M. Chanal</b>, “Effective Prognosis of Heart Attack using Supervised machine Learning Algorithms”, Proc. of the 1<sup>st</sup> International conference on Software, Systems and Information Technology (SSITCON), Bangalore, December, 2024</li> <li>• Gururaj S. Kori, Mahabaleshwar S. Kakkasageri, Vijaykumar Hiremath, <b>Poornima M. Chanal</b>, Rajani S. Pujar, Vinayak A. Telsang, “Cognitive Swarm Drones Attack Model: A Grey Wolf Optimization”, Proc. of the 15<sup>th</sup> International IEEE Conference on Computing, Communication and Networking Technologies</li> </ul>                                                                                                                                                                                                                                                                                                                                                      |

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p>(ICCCNT-24), Indian Institute of Technology - Mandi, 18 – 22 June 2024</p> <ul style="list-style-type: none"> <li>• <b>Poornima M. Chanal</b>, Mahabaleshwar S. Kakkasageri, “Random Forest Algorithm based device Authentication in IoT”, Proc. of the 9th IEEE International Conference on Electronics, Computing and Communication Technologies, (CONECCT), Bangalore, July 2023</li> <li>• <b>Poornima M. Chanal</b>, Mahabaleshwar S. Kakkasageri, “Secured Data Integrity Scheme for Internet of Things”, Proc. of the 2<sup>nd</sup> Asian Conference on Innovation in Technology (ASIANCON), Pune, August, 2022.</li> <li>• <b>Poornima M. Chanal</b>, Mamata J. Sataraddi, Mahabaleshwar S. Kakkasageri, Rahul Jahagirdar “Performance Analysis of Ant Colony based Routing Approach for VANETs using vanetMobisim and NS2”, Proc. of the 11<sup>th</sup> International Conference on Advanced Computing (ICoAC-2019) December 18-10, 2019. (Citations: 07)</li> <li>• <b>Poornima M. Chanal</b>, Mahabaleshwar S Kakkasageri, “Hybrid Algorithm for Data Confidentiality in Internet of Things”, proc. of the 10<sup>th</sup> International Conference on Computing, Communication and Networking Technologies (ICCCNT), IIT Kanpur, 2019, India (Citations: 14)</li> <li>• <b>Poornima M. Chanal</b>, Mahabaleshwar S. Kakkasageri, Avani Shirbur, Gururaj S. Kori, “Energy Aware Multipath Routing Scheme for Wireless Sensor Networks”, Proc. of the 7<sup>th</sup> IEEE International Advance Computing Conference (IACC - 2017), VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad, Telangana, India, pp. 385-390, 5<sup>th</sup> -7<sup>th</sup> January 2017. (Citations-15)</li> <li>• Mahabaleshwar S. Kakkasageri, Mamata J. Sataraddi, <b>Poornima M. Chanal</b>, Gururaj S. Kori, “BDI Agent based Routing Scheme in VANETs”, Proc. of the IEEE International Conference on Wireless Communications Signal Processing and Networking (WiSPNET - 2017), SSN College of Engineering, Chennai, India, pp. 129-133, 22<sup>nd</sup> - 24<sup>th</sup> March 2017. (Citations-13)</li> <li>• <b>Poornima M. Chanal</b>, Gururaj S Kori, Mahabaleshwar S Kakkasageri, “Energy Efficient Multipath Routing Protocol for Wireless Sensor Networks”, Proc. of the 1<sup>st</sup> National Conference on Recent Trends in Communication and Computing [NCRTCC-2016], Jain Institute of Technology, Davangere, Karnataka, India, 27<sup>th</sup> February 2016.</li> <li>• <b>Poornima M. Chanal</b>, Gururaj S. Kori, M. S. Kakkasageri, “Efficient Reliable Routing Scheme for VANETs” Proc. of the 4<sup>th</sup> IEEE International Conference on Communication and Signal Processing [ICCSP’15], pp. 937-942, Adhiparasakthi Engineering College, Melmaruvathur, Tamilnadu, India, April 2<sup>nd</sup> - 4<sup>th</sup>, 2015. (Citations-04)</li> <li>• Gururaj S. Kori, M. S. Kakkasageri, <b>Poornima M. Chanal</b> “Energy Aware Cluster based Routing Scheme in Wireless Sensor Networks” Proc. of the International Conference on</li> </ul> |
|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                     | <p>Advances in Engineering Technology and Science [ICAETs 2014], pp.134-138, Munnar, Kerala, India, April 26<sup>th</sup> - 27<sup>th</sup>, 2015</p> <ul style="list-style-type: none"> <li>• <b>Poornima M. Chanal</b>, Gururaj S. Kori, M. S. Kakkasageri, "Critical Data Validation Scheme in Vehicular Ad Hoc Networks" Proc. International Conference on Advances in Engineering Technology and Science [ICAETs 2014], pp.139-143, Munnar, Kerala, India, April 26<sup>th</sup> - 27<sup>th</sup>, 2015</li> <li>• Ajayakumar C. Katageri, Kirankumar B. Balavalad, <b>Poornima M. Chanal</b> and Supriya B. H. "Optimization of LEACH Protocol for Effective Power Utilization in Wireless Sensor Networks". Proc. of the 3<sup>rd</sup> International Conference on Computational Intelligence and Information Technology [CIIT 2013], IIT Bombay, India, 18<sup>th</sup> - 19<sup>th</sup> Oct 2013. (Citation: 03)</li> </ul>                                                                                                                                           |
| <b>Invited Talks</b>                                                                                                | <ul style="list-style-type: none"> <li>• Resource person for student training programme (HRD) at Basaveshwar Engineering College, Bagalkot.</li> <li>• Invited as resource person in the ISTE-SRM short term training programme on "Recent Trends in Embedded System and VLSI" sponsored by ISTE, New Delhi and SRM University, Chennai, on 25<sup>th</sup> - 26<sup>th</sup> June 2013 held at Department of Electronics and Communications, S. R. Vastrad Rural Polytechnic Guledgudd-587203, Karnataka, India.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Events Organized</b>                                                                                             | <ul style="list-style-type: none"> <li>• Session on "Entrepreneurship in Digital Virtualization", under IIC- 7.0 at BEC, Bagalkot on 25<sup>th</sup> February 2025</li> <li>• Session on "Software Entrepreneurship", under IIC- 6.0 at BEC, Bagalkot on 19<sup>th</sup> August 2024</li> <li>• Coordinator for online session on "Entrepreneurship in the Era of Artificial Intelligence", under IIC- 5.0 at BEC, Bagalkot on 10<sup>th</sup> August 2023</li> <li>• "AVISHKAAR-14" project exhibition conducted by Department of Electronics and Communications, Basaveshwar Engineering College (Autonomous), Bagalkot, 2014</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>FDP/Workshop /Symposiums / Webinars/Training Programs (AICTE/ATAL /IIT/NIT)</b><br><br><b>Online and Offline</b> | <ul style="list-style-type: none"> <li>• Two week FDP on "Transforming Water Resources Management, Traffic Systems and E-Mobility with Quantum Computing and AI" from 17-28<sup>th</sup> Feb, 2025, NIT Patna.</li> <li>• ATAL FDP on "Information and Cyber Security" from 2021-6-14 to 2021-6-18 at Indian Institute of Information Technology, Vadodara.</li> <li>• ATAL FDP on "AI- Machine Learning &amp; Optimization" from 1-2-2021 to 5-2-2021 at Indian Institute of Information Technology, Allahabad.</li> <li>• ATAL FDP on "Block chain" from 5-10-2020 to 9-10-2020 at National Institute of Technology, Meghalaya.</li> <li>• ATAL FDP on "Data Sciences" from 21-9-2020 to 25-9-2020 at National Institute of Technology, Karnataka (NITK).</li> <li>• ATAL FDP on "Internet of Things (IoT)", from 6<sup>th</sup> - 10<sup>th</sup> April 2020 at Indian Institute of Information Technology, Nagpur (IIITN).</li> <li>• Two-week FDP on "Digital Transformation in Teaching Learning Process" (SWAYAM) conducted by IIT Mumbai, from 6-22 April 2020</li> </ul> |

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <ul style="list-style-type: none"> <li>• AICTE approved FDP course on “Computer Networks and Internet Protocol (SWAYAM)” conducted by Prof. Soumya Kanti Ghosh and Prof. Sandip Chakraborty, IIT Kharagpur, 27<sup>th</sup> January 2020 – 17<sup>th</sup> April 2020</li> <li>• Workshop on “AICTE Examination Reform Policy”, BEC Bagalkot, 6<sup>th</sup> -7<sup>th</sup> May, 2020</li> <li>• “BOSS Linux Ubuntu Operating System” test conducted remotely from IIT Bombay &amp; jointly organized by Karmaveer Bhaurao Patil College of Engineering, Satara, on 22nd April 2020. The training was offered by the Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt., of India.</li> <li>• “Python 3.4.3” test conducted remotely from IIT Bombay &amp; jointly organized by Dwarkadas Jivanlal Sanghvi College of Engineering, Mumbai, on 9<sup>th</sup> May 2020. The training was offered by the Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt., of India.</li> <li>• “R Programming” test conducted remotely from IIT Bombay &amp; jointly organized by Sree Vidyanikethan Engineering College (Autonomous), Tirupati, on 29<sup>th</sup> May 2020. The training was offered by the Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt., of India.</li> <li>• Faculty Development Programme on “Recent Advances in Signal Processing and Communication Networks”, at Basaveshwar Engineering College, Bagalkot, 17<sup>th</sup> to 19<sup>th</sup> March, 2017.</li> <li>• Two days International Symposium on “Green Technologies for Sustainable Development”, sponsored by TEQIP-II held at Basaveshwar Engineering College (Autonomous), Bagalkot, on 24<sup>th</sup> to 25<sup>th</sup> February 2017.</li> <li>• One day Workshop on “Research Methodology” organized under TEQIP-II of World Bank at, Basaveshwar Engineering College (Autonomous), Bagalkot, on 19<sup>th</sup> December 2015.</li> <li>• One day Workshop on “Outcome Based Education” organized under TEQIP-II of World Bank at, Basaveshwar Engineering College (Autonomous), Bagalkot, on 18<sup>th</sup> December 2015.</li> <li>• One day Workshop on “Curriculum Development and Reforming for UG &amp; PG”, sponsored by TEQIP-II at Department of Electronics &amp; Communication Engineering, Basaveshwar Engineering College (Autonomous), Bagalkot, from 25<sup>th</sup> July 2015.</li> <li>• Three days National Level Workshop on “Intel® Atom™ Processor based Embedded System Design and Development” at Department of Electronics &amp; Communication Engineering, Basaveshwar Engineering College (Autonomous), Bagalkot, from 28<sup>th</sup> to 30<sup>th</sup> May 2014.</li> <li>• Three days’ workshop on “Advanced Network Computing and Simulation” held in Basaveshwar Engineering College, Bagalkot, 22<sup>nd</sup> to 24<sup>th</sup> November 2013.</li> </ul> |
|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <ul style="list-style-type: none"> <li>• Five days' workshop on "Wireless Networking and Testing" held in B V Bhoomaraddi College of Engineering and Technology, Hubli, 28<sup>th</sup> August to 1<sup>st</sup> September 2013.</li> <li>• Three days Faculty Development Programme on "Design, Modeling and Simulation of MEMS Devices" held in Basaveshwar Engineering College, Bagalkot, 10<sup>th</sup> - 12<sup>th</sup> July 2013.</li> <li>• Three days Faculty Development Programme on "Soft and Evolutionary Computing Techniques and its Applications" held in Basaveshwar Engineering College, Bagalkot, 30<sup>th</sup> May - 1<sup>st</sup> June 2013.</li> <li>• Three days National Level Workshop on "Technical Documentation Using LATEX" held in Basaveshwar Engineering College, Bagalkot, 27<sup>th</sup> to 29<sup>th</sup> May 2013.</li> <li>• Three days National Level Workshop on "Implementation of Signal Processing Algorithms Using FPGAs" held in Basaveshwar Engineering College, Bagalkot, 23<sup>rd</sup> to 25<sup>th</sup> May 2013.</li> <li>• Three days Faculty Development Programme on "Recent Advances in Wireless Networks" held in Basaveshwar Engineering College, Bagalkot, 16<sup>th</sup> to 18<sup>th</sup> May 2013.</li> <li>• Three-day training program on "Effective practices of teaching" held in Basaveshwar Engineering College, Bagalkot, 3<sup>rd</sup> to 5<sup>th</sup> March 2012.</li> <li>• One day training program on "Human Recourses Development" held in KLE Engineering College &amp; Technology, Chikodi, 28<sup>th</sup> January 2011.</li> </ul> |
|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|