


| <b>PERSONAL DETAILS</b>                  |  |                                  |   |
|--|--|----------------------------------|---|
| <b>Name</b>                              | Kokila K S   |                                  |  |
| <b>Department</b>                        | Electronics & Communication Engg.  |                                  |   |
| <b>Designation</b>                       | Assistant Professor  |                                  |   |
| <b>Qualification</b>                     | B.E., M.Tech   |                                  |   |
| <b>Teaching Experience</b>               | 6 Years  |                                  |   |
| <b>Email</b>                             | kskokilagowda@gmail.com  |                                  |   |
| <b>Vidwan-ID</b>                         | 119760   | <b>Orcid ID</b>                  | 0000-0001-6675-8832   |
| <b>Type of Association</b>               | Regular  |                                  |   |
| <b>Core Discipline</b>                   | Electronics & Communication Engineering  |                                  |   |
| <b>DOJ:</b>                              | 19-01-2015   |                                  |   |
| <b>Specialization</b>                    | VLSI Design and Embedded System  |                                  |   |
| <b>Areas of Interest</b>                 | <ul style="list-style-type: none"> <li>· Digital Electronics</li> <li>· VLSI</li> <li>· Communication</li> </ul> |                                  |   |
| <b>MEMBERSHIP OF PROFESSIONAL BODIES</b> |  |                                  |   |
| <b>Professional Society</b>              | <b>From Year</b>   | <b>Membership Number/ Nature</b> |   |

|      |               |                     |
|------|---------------|---------------------|
| ISCA | January 2020  | L-38475/ LIFETIME   |
| AMIE | February 2016 | AM-1639474/LIFETIME |
| ISTE | 2020          | LM-131727           |

## **PUBLICATIONS**

### ***INTERNATIONAL JOURNALS:7***

1. Mrs.Kokila K S “*Advance Silkworm Incubator With Environment Control*” International Research Journal of Engineering and Technology (IRJET) ISSN:2395-0056,p-ISSN:2395- 0072,Vol-8 Issue-7, July 2021.,
2. Mrs.Kokila K S “*IOT based development of smart city with digital water supply system*” Journal of Emerging Technologies and Innovative Research (JETIR) ISSN:2349-5162, Volume 6, Issue 5, May 2019 .
3. Mrs.Kokila K S “*Non –Human land Drone for Soldier and Border Security, Surveillance and Navigation System*” International Journal of Science research & Engineering Development (IJSRED) ISSN:2581-7175, May-2019,vol 2,Issue 3

4. Mrs.Kokila K S “*Design of Ripple Borrow subtractor with Full subtractor Using Hybrid Logic to Reduce the Power Dissipation and Area*” *International Journal of Innovative Research in science*”, Engineering & Technology (IJIRSET). ISSN: 2347-6710, Volume 7, Issue 5, May-2018,

5. Mrs.Kokila K S “*Syncretic use of Smart meter for power quality monitoring & energy management in emerging Networks*” International Research Journal of Engineering &technology (IRJET ) . ISSN: 2395-0056 Volume 5, Issue 4, April-2018.

6. Mrs.Kokila K S “*A unified Frame work for vehicle rerouting and traffic light control to reduce traffic congestion using load-cell* “ International Journal of Innovative Research in science, Engineering & technology (IJIRSET) ISSN: 2319-8753, Volume 7, Issue 4, April 2018.

7. Mrs.Kokila K S “*Physical layer implementation of OFDM for SDR on FPGA* “International Journal of Engineering Research & Technology( IJERT ) ISSN: 2278-0181 , Jun-13,vol .2,Issue 6

### **NATIONAL CONFERENCES:1**

1. Mrs.Kokila K S " Border alert system for fisher man safety using GPS based navigation system "Dept. of ECE, BGSIT, B G Nagar / 5<sup>th</sup> May 2017, Published in IJEBMS Volume 1, Issue 1, May 2017

### **WORKSHOPS/SEMINARS/FDPs/PARTICIPATED**

1. Five-day FDP on "Machine Learning crash course (MLCC)" organized by Dept. of CSE and ISE, BGSIT, ACU and Google from 15<sup>th</sup> December to 19<sup>th</sup> December 2018.

2. Four-day FDP on "Emerging Innovative approaches in VLSI, Communication & Network systems", organized by Dept. of Electronics and Communication Engineering BGSIT, in association with KSCST, Govt. of Karnataka, from 10<sup>th</sup> April 2018 to 13<sup>th</sup> April 2018.

3. Six-Day Faculty Development Program on "Embedded Controller Programming with ARM CORTEX-M3", organized by Dept. of ECE, BGSIT, B G Nagar from 29 January to 3 February

4. 5-Days Faculty Development Program(online) on "SEMANTIC WEB", Conducted by the Dept of ISE ,RV Institute of Technology and Management, Bengaluru on 22<sup>nd</sup> -26<sup>th</sup> February 2021.

5. 5-Days AICTE Training and Learning (ATAL) Academy Faculty Development Program(online) on "Data Sciences" ,Conducted by GLOBAL Academy of Technology on 19-01-2021 to 23-01-2021.

6. 5-Days AICTE Training and Learning (ATAL) Academy Faculty Development Program(online) on Artificial Intelligence" from 04-01-2021 to 08-01-2021 at GSSS Institute of Engineering and Technology for Women,Mysuru.

7. 6-Days AICTE-ISTE Funded Induction/Refresher program on "Next Generation Wireless Communication: 5G & Beyond " from 03<sup>rd</sup>-8<sup>th</sup> May 2021 Organised by the Dept of ECE,KSIT Bengaluru.

8. 5-Days AICTE Training and Learning (ATAL) Academy Faculty Development Program(online) on" Signal Processing and Machine Learning for AI-Driven Healthcare Systems" from 2021-06-23 to 2021-06-27 at IIT Patna.

9. 1 Day Webinar on "Öutcome Based Education" Organised by BGSIT,ACU on 20<sup>th</sup> June 2021.

10. 1 Day Webinar on "Education Culture Post Covid: A positive Shift" Organised by BGS First Grade College, ACU on 10<sup>th</sup> June 2021.

11. 1 Day webinar on "HAMARA TEJAS"- India's own 4th Gen Fighter" held on 24/06/2021 organized by the Department of Electronics and Communication Engineering at Dr. Ambedkar Institute of Technology, Bengaluru.

12. 1 Day webinar on “ Make the habit... Habit will make you ” held on 06/07/2021 organized by the Department of Electronics and Communication Engineering at Dr. Ambedkar Institute of Technology, Bengaluru.

13. 1 Day Webinar on “3\*3 Strategy for beyond the third wave” Organised by IEEE Information theory society (ITS) Bangalore chapter on 14<sup>th</sup> Aug 2021.

14. 5 Days Workshop on “Cyber Security and Digital Forensics” Organised by Dept of CSE, Aligarh University, from 26 to 30 Aug 2021.

| <b>Course Title</b>                                  | <b>Course Organization</b> | <b>Year</b> |
|--|----------------------------|-------------|
| Microprocessors and Microcontrollers                 | NPTEL                      | 2018-19     |
| Software Development in Python: A Practical approach | Udemy                      | Aug 6,2021  |