

## CONSOLIDATED STATEMENT OF THE SELF APPRAISAL REPORT

Electronics and Communication Engineering Department

K.S. School of Engineering and Management

| Sl.No. | Name of Faculty             | Date of Joining | Salary in INR | Marks Scored out of 190 | HOD,s Remarks   |
|--------|-----------------------------|-----------------|---------------|-------------------------|---|
| 1.     | Dr. Girish.V.Attimarad      | 1-3-2016        | 1,36,112      | 138.2                   |   |
| 2.     | Dr. P.Karthik               | 8-5-2013        | 1,11,000      | 152                     |   |
| 3.     | Dr. Dushyanth.N.D           | 1-8-2017        | 93,000        | 154.5                   |   |
| 4.     | Mr. Sanjay Naik             | 15-7-2013       | 67,622        | 113.43                  |   |
| 5.     | Mr. Sasindran Madhav Prabhu | 8-4-2019        | 60,000        |                         | KRP   |
| 6.     | Mr.Gopalakrishna Murthy C.R | 7-4-2011        | 55,555        | 135.86                  |   |
| 7.     | Mr.K.Senthil Babu           | 2-7-2019        | 57,476        | 140                     | Transferred from KSIT                                     |
| 8.     | Mrs.Shanthala.C.M           | 2-7-2012        | 48,035        | 117 ✓                   |   |
| 9.     | Mr. Manu.D.K                | 20-7-2011       | 48,182        | 117 ✓                   |   |
| 10.    | Dr.Kishore.M                | 4-7-2019        | 47,358        | 88 ✓                    | Joined this semester Marks based on previous college data |
| 11.    | Mr.Arun kumar.M             | 2-8-2018        | 46,021        | 108.68 ✓                |   |
| 12.    | Mrs.Shalini Shravan         | 19-7-2012       | 46,021        | 138.85                  |   |
| 13.    | Mr.Ravikiran B.A            | 28-2-2011       | 46,914        | 108.34 ✓                |   |
| 14.    | Mr.Puneeth.S                | 15-7-2013       | 39,765        | 115.48 ✓                |   |
| 15.    | Mrs.Renuka V.Tali           | 15-7-2013       | 39,765        | 119.23 ✓                |   |
| 16.    | Mrs.Gunasheela T.J          | 26-7-2013       | 38,734        | 127.4                   |   |
| 17.    | Mr.Vinay.R                  | 15-7-2013       | 35,774        | 102 ✓                   |   |
| 18.    | Mr.Syed Waseem Tabraiz      | 01-8-2014       | 35,774        | 104.8 ✓                 |   |
| 19.    | Mrs.Kripa.K.B               | 3-8-2018        | 28,656        | 102.3 ✓                 |   |
| 20.    | Mrs.Shilpa.A.P              | 9-8-2017        | 28,050        | 106.78 ✓                |   |
| 21.    | Mrs.Deepa.R.Bhangi          | 3-8-2018        | 27,188        | 100.97 ✓                |   |
| 22.    | Ms.Zaiba.B                  | 3-8-2018        | 26,383        | 96 ✓                    |   |

by  
3/1/19  
HOD, ECO, K.SSEM

**STAFF SELF APPRAISAL REPORT****2018-2019****KSSEM**

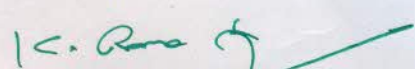
| Field  | Data   | SCORE   |
|--|--|---------|
| Name   | Dr. Girish.V.Attimarad   |         |
| Present Address, Mob.No., e-mail id.   | #19, Royal Palm Layout, Gubbalala, Bangalore-61, 9483164860, <a href="mailto:hod.ece@kssem.edu.in">hod.ece@kssem.edu.in</a>  | ---     |
| Age and Date of Birth  | 49 years and 22/07/1970  |         |
| Qualification  | BE,ME,Ph.D   |         |
| Designation and Department   | Professor & Head, Department of ECE  |         |
| Teaching Experience (After PG)   | 22 years   |         |
| Other Experience(If any)   | BOE Member, Squad Chairman, Special officer for VTU.<br>BOS, BOE & VTU Nominee for Autonomous SDM Engg College.<br>Chairman, IETE, Dharwad, Sub Center,<br>Professor & Head, Dept. of ECE, DSCE. |         |
| List of Subjects Taught till date and percentage pass (use separate sheet if necessary)    | Information Theory & Coding- 88.9%<br>Principles of Communication Systems-84.4<br>ITC- 100%<br>PCS- 62%,<br>Satellite Communication-100%   |         |
| Subjects taught in the Assessment Year and percentage pass (10marks for each x Percentage) | 1. Principles of Communication System (62%)<br>2. Satellite Communication (100%)   | 16.2/40 |
| Details of UG Projects Guided (5 marks/ project guided)                                    | 1.Design and Implementation of Canal Automation Using Lab VIEW<br>2. Design and implementation of unmanned gun controlled mechanism using matlab   | 10/10   |
| Details of PG Projects Guided (5 marks/ project guided)                                    | 1. Design & Implementation of DC-DC Converter applied in Solar Energy Systems for Low & High Voltage DC Applications using Matlab  | 10/10   |

|   |   |      |
|---|---|------|
|   | 2017-18<br>2. Implementation of a Low-cost and Noninvasive System for the Measurement and Detection of Faulty Streetlights 2017-18                                      |      |
| Additional Inputs given in the class in addition to the syllabus (Give proof and justification) (If applicable)           | Conducted MCQs Exam   | 5/5  |
| Guest / Invited Lectures arranged (2marks /lecture) Max 5 marks.  | All Department activities conducted during 2018-19 is enclosed  | 5/5  |
| Details of Industrial Visits arranged. (2marks/visit) Max 5 marks.  | IISc Open Day 2018  | 2/5  |
| Number of FDPs attended since joining service (Attach Separate List)  | 1. FDP on Advanced VLSI Design using Cadence Tools, 11-15 July 2016 at KSSEM<br>2. BITES Annual Convention 2018   | --   |
| Details of students mentored during current assessment year.  | Advised the Department students regarding the teaching learning process, discipline, punctuality and practical knowledge  | --   |
| Details of Participation in VTU Bodies (2 Marks)  | BOE Member, Squad Chairman  | 2/2  |
| Details on Examination related Activity (2marks each)   | 1. Practical Exams –Project Exam<br>2. Conduction of Theory exams- as a Chief Superintendent & DCS.<br>3. Paper Setting- for UG & PG<br>4. Evaluation- UG, PG, & Ph.D   | 8/8  |
| List of FDPs attended during the Assessment year (5 marks each) (Attach Certificate copies)                               | 1) BITES Annual Convention 2018   | 5/10 |
| Financial Assistance received during current year for attending FDPs  | Rs. 0   | --   |
| Status of Ph.D. [Attach proof for each stage] (This can be claimed only once during a life time after the PhD is awarded) | 1. Awarded (2 marks)<br>2. Thesis Submitted and awaiting reports (1 mark)<br>3. Thesis Preparation (2 Mark)<br>4. Experimentation/Data Collection in completed (1 mark) |      |

|   |   |       |
|---|---|-------|
| [Attach proof for every claim]  | <ul style="list-style-type: none"> <li>5. Comprehensive viva voce completed (1 mark)</li> <li>6. Appeared for Course work exams (1 mark)</li> <li>7. Applied for registration formalities (1 mark)</li> <li>8. Identified Guide/Research Centre and preparing research Proposal (1mark.)</li> <li>9. Not thought of pursuing Ph.D. (zero)</li> </ul>  | 10/10 |
| <p>Research Publications: (5 marks each)</p> <p>[Attach copies of Title Page]</p>                         | <ul style="list-style-type: none"> <li>1. Effect of Block Size on the Performance of a new Algorithm to Compress an Image using 3D DCT, <i>International Journal of Pure and Applied Mathematics</i>, Vol 119, No.14, 2018, 29-34. ISSN: 1314-3395(online version)</li> </ul>   | 5/10  |
| <p>Seminars / Workshops / Conferences attended (5 Marks each) [Attach Certificate Copies]</p>             | <ul style="list-style-type: none"> <li>1. BITES Annual Convention 2018</li> <li>2. Session Chair for National Conference on Convergence of Science, Technology and Management NCCSTM-2018</li> <li>3. Session Chair for National Conference on Convergence of Science, Technology and Management NCCSTM-2019</li> <li>4. Jury Member for the State Level Technical Project Exhibition 2019</li> </ul> | 10/10 |
| Financial Assistance received during current year   | Rs. 0   | --    |
| Registered as Research Guide (Reasons for not registering)  | Yes / No  | Yes   |
| No. of Research Scholars registered with details  | <p>5 Research Scholars Awarded Technical Ph.D. Under my Supervision.</p> <p>4 Research Scholars Pursuing Their Ph.D. under VTU Enclosed Details</p>   | 5/5   |
| Details of Patents Applied for (If any)   | nil   | /5    |
| <p>Academic Programs organized and supported during current year. (FDP/Workshop/Seminar / Conference)</p> | <ul style="list-style-type: none"> <li>1. International Conference on Applied Engineering Science and Management(ICAEM-18) at KSSEM</li> <li>2. BITES sponsored IoT &amp; its Applications 3 day's workshop at KSSEM.</li> </ul>  | 5/5   |

|   |   |                  |
|---|---|------------------|
| Details of programs attended for skill development like MOOCs, MOODLES and others         | ---   | /5               |
| Details of Utilization of NPTEL and other Online materials for augmenting own lectures.   | <a href="https://onlinecourses.nptel.ac.in/noc17_ec11/preview">https://onlinecourses.nptel.ac.in/noc17_ec11/preview</a><br><a href="https://www.tutorialspoint.com/analog_communication/analog_communication_tutori...">https://www.tutorialspoint.com/analog_communication/analog_communication_tutori...</a><br><a href="https://www.youtube.com/watch?v=ZBvzwB_5y94">https://www.youtube.com/watch?v=ZBvzwB_5y94</a> | 5/5              |
| Details of Project Proposal submitted during the current year. (At least one)             | <ol style="list-style-type: none"> <li>1. Pradhan Mantri Kaushal Vikas Yojana for Technical Institution(PMKVY-TI) 2017-18</li> <li>2. KSCST Student project Proposal on "Design and Implementation of Canal Automation Using Lab View</li> <li>3. Design and implement motion Detection algorithm for Underwater Surveillance. DST-Water Technology Initiative Project proposal Submitted</li> </ol>                    | 5/5              |
| Details of Project Funds Received.  | Rs 27000/- for PMKVY-TI Utilization certificate Enclosed  | 5/5              |
| Consultancy Revenue Generated   | Rs. 0   | /5               |
| Details of Participation in cultural events during the current year                       |   | 5/5              |
| Additional Responsibilities in the Department/ College<br>Example: Head, Coordinator etc. | <ol style="list-style-type: none"> <li>1) Head of the Department</li> <li>2) Library Committee</li> <li>3) NAAC Coordinator Cr-3</li> <li>4) VTU Exam allotment college level</li> </ol>  | 10               |
| Details of Live Membership for Professional Bodies (IEEE CSI SEA ISTE .....               | MISTE-LM24491<br>MIETE-M169969<br>MIE- MIE1391733<br>MYHAI- LM27-KAR-14-32267   | 5/5              |
| Graduation Day Responsibilities.<br>(If any) Please mention your role.                    | Gown Distribution, Food Committee, Photo Shoot Committee  | 5/5              |
| <b>TOTAL</b>  |   | <b>138.2/190</b> |

Date: 31/7/19

  
Dr. K. RAMA NARASIMHA

Principal/Director

K S School of Engineering and Management  
Bengaluru - 560 109

  
Signature of faculty

31/7/19  
Professor & Head  
Dept. of Electronics & Communication Engineering  
K. S. School of Engineering & Management  
Bangalore-560 109

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**STAFF SELF APPRAISAL REPORT****2018-2019****KSIT/KSSEM**

| Field   | Data   | SCORE |
|---|--|-------|
| Name  | Dr. P. Karthik   | ---   |
| Present Address, Mob.No., e-mail id.  | 2, 3 <sup>rd</sup> Cross, Nagappa Reddy Layout, Ramammurthy Nagar, Bengaluru, 97393191167, karthik.p@kssem.edu.in  |       |
| Age and Date of Birth   | 37 and 05-11-1981  |       |
| Qualification   | M.E., Ph.D   |       |
| Designation and Department  | Professor, ECE   |       |
| Teaching Experience (After PG)  | 13 Years   |       |
| Other Experience (If any)   | Nil  |       |
| List of Subjects Taught till date and percentage pass (use separate sheet if necessary)                         | Separate Sheet Attached  |       |
| Subjects taught in the Assessment Year and percentage pass (10marks for each x Percentage)                      | <ol style="list-style-type: none"> <li>1. Network Analysis (30%)</li> <li>2. Network Analysis (22%)</li> <li>3. ARM Microcontroller (98%)</li> <li>4. Embedded Controller Lab (100%)</li> </ol>  | 25/40 |
| Details of UG Projects Guided (5 marks/ project guided)   | <ol style="list-style-type: none"> <li>1. Design and Implementation of Object Detection and Discrimination Underwater Environment. (18-19)</li> <li>2. Design and Implementation of Acoustic Image Enhancement Using Underwater Vehicle. (17-18)</li> </ol>                          | 10/10 |
| Details of PG Projects Guided (5 marks/ project guided)   | Nil  | 0/10  |
| Additional Inputs given in the class in addition to the syllabus (Give proof and justification) (If applicable) | <ol style="list-style-type: none"> <li>1. I have played the NPTEL video lecturers in the class for more clarity of the concepts.</li> <li>2. Motivated students to do small case work in the Machine learning Subject</li> <li>3. Motivated students to do mini projects.</li> </ol> | 5/5   |
| Guest / Invited Lectures arranged (2marks /lecture) Max 5 marks.  | Guest Lecture arranged for Students and Faculty in the 5G Communications   | 5/5   |


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|---|--|-------|
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| Details of Industrial Visits arranged. (2marks/visit)<br>Max 5 marks.   | Arranged Industrial Visit in ACE Manufacturing Systems Ltd.  | 5/5   |
| Number of FDPs attended since joining the service<br>(Attach Separate List)   | Enclosed   | --    |
| Details of students mentored during current assessment year.  | Nil  | --    |
| Details of Participation in VTU Bodies (2 Marks)  | BOE for VTU.<br>BOE for Autonomous College(New Horizon)<br>BOE for PhD in Jain University  | 2/2   |
| Details of Examination related Activity (2marks each)   | 1. Practical Exams<br>2. Conduction of Theory exams<br>3. Paper Setting<br>4. Evaluation   | 8/8   |
| List of FDPs attended during the Assessment year (5 marks each)<br>(Attach Certificate copies)  | 1. AICTE one Day Workshop on Examination Reforms held at Gopalan College of Engineering and Management.<br>2. Two day workshop at the BITES Annual Convention held at BMS College of Engineering.  | 10/10 |
| Financial Assistance received during current year for attending FDPs  | Rs.  | --    |
| Status of Ph.D.<br>[Attach proof for each stage]<br>(This can be claimed only once during a life time after the PhD is awarded)<br>[Attach proof for every claim] | 1. Awarded (2 marks)<br>2. Thesis Submitted and awaiting reports (1 mark)<br>3. Thesis Preparation (2 Mark)<br>4. Experimentation/Data Collection in completed (1 mark)<br>5. Comprehensive viva voce completed (1 mark)<br>6. Appeared for Course work exams (1 mark)<br>7. Applied for registration formalities (1 mark)<br>8. Identified Guide/Research Centre and preparing research Proposal (1mark.) | 10/10 |

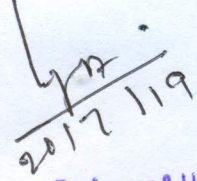
|   |  |       |
|---|--|-------|
|   | 9. Not thought of pursuing Ph.D. (zero)  |       |
| Research Publications: (5 marks each)<br>[Attach copies of Title Page]                                | 1. Enclosed  | 10/10 |
| Seminars / Workshops / Conferences attended (5 Marks each) [Attach Certificate Copies]                | 1. MATLAB EXPO 2019, Conducted by MATLAB<br>2. Python Conducted by IIT Bombay<br>3. eSim Coordinators Workshop conducted by IIT Bombay   | 10/10 |
| Financial Assistance received during current year   | Rs.  | --    |
| Registered as Research Guide (Reasons for not registering)  | Yes  |       |
| No. of Research Scholars registered with details  | 8 Students have registered.<br>1. Mrs. Vidhya R, 2. Mr. Joshua Daniel Raj ,<br>3. Mr. Gopalakrishnamurthy C R,<br>4. Mr. Manu D. K, 6. Ravikumar H C,<br>7. Vijayakumar A N, 8. Deepak M D | 5/5   |
| Details of Patents Applied for (If any)   | Nil  | 0/5   |
| Academic Programs organized and supported during current year.<br>(FDP/Workshop/Seminar / Conference) | 1. International Conference have been conducted in the month of October 2018.<br>2. Organized Workshop on SONAR SIGNAL Processing.   | 5/5   |
| Details of programs attended for skill development like MOOCs, MOODLES and others                     | 1. Python<br>2. Machine Learning<br>3. Deep Learning   | 5/5   |
| Details of Utilization of NPTEL and other Online materials for augmenting own lectures.               | 1. I use to play in the class at least 2 to 3 video lectures of NPTEL.<br>2. Also, while preparing the notes to understand the basic I read HTML/video lectures                            | 5/5   |
| Details of Project Proposal submitted during the current year. (At least one)                         | 1. Design and Implementation of Motion Detection Algorithm for the Acoustic Surveillance to DST in the July 2019   | 5/5   |
| Details of Project Funds Received.  | Rs. 27,540/-   | 5/5   |
| Consultancy Revenue Generated   | Rs.0/=-  | 0/5   |
| Details of Participation in   | 1) Participated in Badnition Singles and   |       |




|   |   |                |
|---|---|----------------|
| cultural events during the current year   | Doubles.  | 2/5            |
| Additional Responsibilities in the Department/ College<br>Example: Head, Coordinator etc. | <ol style="list-style-type: none"> <li>1) Research Center Coordinator for Entire College.</li> <li>2) VTU Affiliation for College</li> <li>3) AICTE Affiliation for College</li> <li>4) AICTE J&amp; K Gaurdian for College</li> <li>5) Research Center Coordinator</li> <li>6) PMKVY-TI Coordinator</li> </ol> | 10/10          |
| Details of Live Membership for Professional Bodies (IEEE CSI SEA ISTE .....               | IEEE Senior Member: 90908696<br>ACM: 0540788<br>IE(I): M-1511828<br>IAENG: 119474   | 5/5            |
| Graduation Day Responsibilities.<br>(If any) Please mention your role.                    | <ol style="list-style-type: none"> <li>1. Disciplinary Committee</li> <li>2. Food Committee</li> </ol>  | 5/5            |
| <b>TOTAL</b>  |   | <b>152/190</b> |

Date: 20/7/19

  
Signature of faculty

  
 Professor & Head  
 Dept. of Electronics & Communication Engineering  
 K. S. School of Engineering & Management  
 Bangalore-560 109

  
 Dr. K. RAMA NARASIMHA  
 Principal/Director  
 K S School of Engineering and Management  
 Bengaluru - 560 109

**KAMMAVARI SANGHAM GROUP OF INSTITUTIONS**

**STAFF SELF APPRAISAL REPORT**

**2018-2019**

**KSIT/KSSEM**

| <b>Field</b>  | <b>Data</b>  | <b>SCORE</b> |
|---|--|--------------|
| Name  | Dr. Dushyantha N D   |              |
| Present Address, Mob.No., e-mail id.  | 47, Sangeetha, Mahaveer Nagar, Hosapalya, Kumbalgudu, Bangalore-74<br>dushyanth.nd@kssem.edu.in  | ---          |
| Age and Date of Birth   | 43                      30-03-1976   |              |
| Qualification   | M.Tech, Ph.D   |              |
| Designation and Department  | Professor, Electronics and Communication Engineering.  |              |
| Teaching Experience (After PG)  | 18   |              |
| Other Experience(If any)  |  |              |
| List of Subjects Taught till date and percentage pass (use separate sheet if necessary)                         | 1.ARM and Embedded System. ---- 100%<br>2.Digital Image Processing. ----- 100%<br>2. Power Electronics ----- 96%<br>4. Electromagnetic Field Theory.-----76%<br>5.Real Time Operating Systems.   |              |
| Subjects taught in the Assessment Year and percentage pass (10marks for each x Percentage)                      | 1.ARM and Embedded System---100%<br>2.Digital Image Processing-----100%<br>3. Digital Image Processing-----95%<br>4. Arm Processor Lab ---- 100%   | 39.5/40      |
| Details of UG Projects Guided (5 marks/ project guided)   | 1. Development of Farmland Surveillance System Using Micro Air Vehicle<br>2. Machine Vision Technology For Detection And Diagnosis Of Plant Leaf Disease Using Image Processing  | 10/10        |
| Details of PG Projects Guided (5 marks/ project guided)   | Not Applicable   | 0/10         |
| Additional Inputs given in the class in addition to the syllabus (Give proof and justification) (If applicable) | Guided students to submit project proposal to smart india Hackthon. Organized by MHRD and AICTE<br>12 project proposals were submitted from KSSEM<br>Information related to design of new products using ARM processors for societal use and its market demand is given. | 5/5          |
| Guest / Invited Lectures arranged (2marks /lecture) Max 5 marks.  | Separate coordinator is there in the Dept to arrange Guest Lecture   | /5           |
| Details of Industrial Visits  | Separate coordinator is there in the Dept to   |              |

|   |   |       |
|---|---|-------|
| arranged. (2marks/visit)<br>Max 5 marks.  | arrange industrial visits   | /5    |
| Number of FDPs attended since<br>joining service<br>(Attach Separate List)  | 04  | --    |
| Details of students mentored<br>during current assessment year.   | 16  | --    |
| Details of Participation in VTU<br>Bodies (2 Marks)   | Member in VTU LIC Team  | 2/2   |
| Details on Examination related<br>Activity (2marks each)  | 1. Practical Exams---yes<br>2. Conduction of Theory exams---yes<br>3. Paper Setting---yes<br>4. Evaluation---yes  | 8/8   |
| List of FDPs attended during the<br>Assessment year (5 marks each)<br>(Attach Certificate copies)   | 1)IOT and Industrial Applications<br><br>2)Embedded Controller Lab using ARM<br>Cortex M3   | 10/10 |
| Financial Assistance received<br>during current year for attending<br>FDPs  | Rs. Nil   | --    |
| Status of Ph.D.<br>[Attach proof for each stage]<br>(This can be claimed only once<br>during a life time after the PhD is<br>awarded)<br>[Attach proof for every claim] | 1. Awarded (2 marks)<br>2. Thesis Submitted and awaiting<br>reports (1 mark)<br>3. Thesis Preparation (2 Mark)<br>4. Experimentation/Data Collection in<br>completed (1 mark)<br>5. Comprehensive viva voce completed<br>(1 mark)<br>6. Appeared for Course work exams<br>(1 mark)<br>7. Applied for registration formalities (1<br>mark)<br>8. Identified Guide/Research Centre and<br>preparing research Proposal<br>( 1mark.)<br>9. Not thought of pursuing Ph.D. (zero) | 10/10 |
| Research Publications: (5 marks<br>each)<br>[Attach copies of Title Page]   | 1.Distributed Small Satellite Network and<br>the Routing Protocols<br><br>2.Thermal analysis and control mechanism<br>using GHLP and Simulation of Space<br>Environment for Small satellites  | 10/10 |
| Seminars / Workshops /  | 1.Workshop on Sonar Signal Processing   |       |

|  |  |           |
|--|--|-----------|
| Conferences attended (5 Marks each) [Attach Certificate Copies]                                    | 2. Pathways to Institutional Advancement Through Research  | 10/10     |
| Financial Assistance received during current year  | Nil  | --        |
| Registered as Research Guide (Reasons for not registering)   | Yes / No   | yes       |
| No. of Research Scholars registered with details   | 01   | 5/5       |
| Details of Patents Applied for (If any)  | ---  | /5        |
| Academic Programs organized and supported during current year. (FDP/Workshop/Seminar / Conference) | 1.Embedded System for IoT Applications<br>2.International Conference on Applied Engineering Sciences                     | 5/5       |
| Details of programs attended for skill development like MOOCs, MOODLES and others                  | NPTEL course attended on Artificial Intelligence   | 5/5       |
| Details of Utilization of NPTEL and other Online materials for augmenting own lectures.            | NPTEL videos are shown in the class room on Applications of ARM Processor  | 5/5       |
| Details of Project Proposal submitted during the current year. (At least one)                      | Proposal is submitted to ISRO under National Land Records Modernisation  | 5/5       |
| Details of Project Funds Received.   | Nil  | /5        |
| Consultancy Revenue Generated  | Nil  | /5        |
| Details of Participation in cultural events during the current year                                | 1) Coordinator in Disciplinary committee   | 5/5       |
| Additional Responsibilities in the Department/ College<br>Example: Head, Coordinator etc.          | 1). NAAC coordinator for Criteria 3<br>2). Research Coordinator<br>3). NSS Coordinator<br>4) . Lab In charge for DSP Lab | 10        |
| Details of Live Membership for Professional Bodies (IEEE CSI SEA ISTE .....)                       | IETE ---- LM198557<br>ISTE ----- LM50730   | 5/5       |
| Graduation Day Responsibilities. (If any) Please mention your role.                                | Coordinator for food committee   | 5/5       |
| TOTAL  |  | 154.5/180 |

Date: 16/7/19

N.S. D...  
Signature of faculty

16/7/19

K. Rama  
Dr. K. RAMA NARASIMHA  
Principal/Director

K S School of Engineering and Management  
Bengaluru - 560 109

|   |   |       |
|---|---|-------|
| Max 5 marks.  |   |       |
| Number of FDPs attended since joining service<br>(Attach Separate List)   | 04  | --    |
| Details of students mentored during current assessment year.  | 16  | --    |
| Details of Participation in VTU Bodies (2 Marks)  | Member in VTU LIC Team  | 2/2   |
| Details on Examination related Activity (2marks each)   | 1. Practical Exams---yes<br>2. Conduction of Theory exams---yes<br>3. Paper Setting---yes<br>4. Evaluation---yes  | 8/8   |
| List of FDPs attended during the Assessment year (5 marks each)<br>(Attach Certificate copies)  | 1)IOT and Industrial Applications<br>2)Embedded Controller Lab using ARM Cortex M3  | 10/10 |
| Financial Assistance received during current year for attending FDPs  | Rs. Nil   | --    |
| Status of Ph.D.<br>[Attach proof for each stage]<br>(This can be claimed only once during a life time after the PhD is awarded)<br>[Attach proof for every claim] | 1. Awarded (2 marks)<br>2. Thesis Submitted and awaiting reports (1 mark)<br>3. Thesis Preparation (2 Mark)<br>4. Experimentation/Data Collection in completed (1 mark)<br>5. Comprehensive viva voce completed (1 mark)<br>6. Appeared for Course work exams (1 mark)<br>7. Applied for registration formalities (1 mark)<br>8. Identified Guide/Research Centre and preparing research Proposal (1mark.)<br>9. Not thought of pursuing Ph.D. (zero) | 10/10 |
| Research Publications: (5 marks each)<br>[Attach copies of Title Page]  | 1.Distributed Small Satellite Network and the Routing Protocols<br>2.Thermal analysis and control mechanism using GHLP and Simulation of Space Environment for Small satellites   | 10/10 |
| Seminars / Workshops / Conferences attended (5 Marks)   | 1.Workshop on Sonar Signal Processing<br>2. Pathways to Institutional Advancement   | 10/10 |

**STAFF SELF APPRAISAL REPORT****2018-2019****KSSEM**

| Field   | Data  | SCORE    |
|---|---|----------|
| Name  | SANJAY B. NAYAK   |          |
| Present Address, Mob.No., e-mail id.  | TF1,Suraksha Residency,4th Cross,KR Layout,Puttanhalli Main Road, JPNagar 6 <sup>th</sup> Phase, Bengaluru 560078<br>Mob: 9902422600<br>email:sanjay.baburao.nayak@kssem.edu.in   | ---      |
| Age and Date of Birth   | 58 Yrs, 25 <sup>th</sup> July 1961  |          |
| Qualification   | M.E.(Control Systems)   |          |
| Designation and Department  | Associate Professor, ECE  |          |
| Teaching Experience (After PG)  | 17 Yrs  |          |
| Other Experience(If any)  | 15.5 Yrs  |          |
| List of Subjects Taught till date and percentage pass (use separate sheet if necessary)                         | Please refer attachment   |          |
| Subjects taught in the Assessment Year and percentage pass (10marks for each x Percentage)                      | 1. Object Oriented Programming Using C++<br>2.Object Oriented Programming Using C++<br>3.Network Security<br>4. Embedded Controller Lab   | 37.43/40 |
| Details of UG Projects Guided (5 marks/ project guided)   | 1.Age estimation using deep learning<br>2. Design and implementation of real time handwritten character recognition system using accelerometet sensor   | 10/10    |
| Details of PG Projects Guided (5 marks/ project guided)   | 1. NA<br>2.   | 0/10     |
| Additional Inputs given in the class in addition to the syllabus (Give proof and justification) (If applicable) | Used tools like Matlab and MS Excel extensively to demonstrate the various plots and other concepts in Control Systems. Also used tools like Code Block to write and debug C++ programs in class although the subject did not have practicals as per syllabus. It helped the students to understand the concepts clearly. | 5/5      |
| Guest / Invited Lectures  | -   |          |

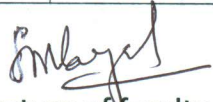
|  |  |       |
|--|--|-------|
| arranged (2marks /lecture) Max 5 marks.  |  | 0/5   |
| Details of Industrial Visits arranged. (2marks/visit) Max 5 marks.   | -  | 0/5   |
| Number of FDPs attended since joining service (Attach Separate List)   |  | --    |
| Details of students mentored during current assessment year.   | Mentored a group of 20 students in final year. I was in touch with the assigned students on regular basis, The periodic meetings after each internal test were held to discuss performance.  | --    |
| Details of Participation in VTU Bodies (2 Marks)   | -  | 0/2   |
| Details on Examination related Activity (2marks each)  | <ol style="list-style-type: none"> <li>1. Practical Exams : Acted as practical examiner at Shirdi sai Institute for Embedded Systems Lab</li> <li>2. Conduction of Theory exams</li> <li>3. Paper Setting</li> <li>4. Evaluation: Participated in digital valuation at KSIT in assigned subjects like Management, Network Security etc.</li> </ol> <p>Note: Since my son was student of VTU between period 2014-18, I avoided taking part in conduction of nay VTU examination to avoid conflict of inteest.</p> | 8/8   |
| List of FDPs attended during the Assessment year (5 marks each) (Attach Certificate copies)  | <ol style="list-style-type: none"> <li>1)5-day FDP on "Embedded System Design, IOT and IOT Security Protocols" Jan 16<sup>th</sup> to 20<sup>th</sup>, 2019 at DSATM</li> <li>2)Completed Boot camp on deep learning at BMSCE</li> </ol>   | 10/10 |
| Financial Assistance received during current year for attending FDPs   | Rs.  | --    |
| Status of Ph.D. [Attach proof for each stage] (This can be claimed only once during a life time after the PhD is awarded) [Attach proof for every claim] | <ol style="list-style-type: none"> <li>1. Awarded (2 marks)</li> <li>2. Thesis Submitted and awaiting reports (1 mark)</li> <li>3. Thesis Preparation (2 Mark)</li> <li>4. Experimentation/Data Collection in completed (1 mark)</li> </ol>  |       |

|   |   |       |
|---|---|-------|
|   | <p>5. Comprehensive viva voce completed (1 mark)</p> <p>6. Appeared for Course work exams (1 mark)</p> <p>7. Applied for registration formalities (1 mark)</p> <p>8. Identified Guide/Research Centre and preparing research Proposal (1mark.)</p> <p>9. Not thought of pursuing Ph.D. (zero)</p> | 0/10  |
| <p>Research Publications: (5 marks each)</p> <p>[Attach copies of Title Page]</p>                             | <p>1.</p> <p>2.</p>   | 0/10  |
| <p>Seminars / Workshops / Conferences attended (5 Marks each) [Attach Certificate Copies]</p>                 | <p>1) Attended BITES Annual Convention 2018 held at BMSCE(23and 24<sup>th</sup> Nov 2018)</p> <p>2) Attended MATLAB EXPO 2019 on 25<sup>th</sup> April 2019.</p>  | 10/10 |
| <p>Financial Assistance received during current year</p>  | Rs.   | --    |
| <p>Registered as Research Guide (Reasons for not registering)</p>   | Yes / No  | No    |
| <p>No. of Research Scholars registered with details</p>   |   | 0/5   |
| <p>Details of Patents Applied for (If any)</p>  |   | 0/5   |
| <p>Academic Programs organized and supported during current year.<br/>(FDP/Workshop/Seminar / Conference)</p> | <p>Coordinated two day workshop on "Embedded Systems for IoT Applications" sponsored by BITES during 25<sup>th</sup> to 26<sup>th</sup> March 2019 at KSSEM.</p>  | 5/5   |
| <p>Details of programs attended for skill development like MOOCs, MOODLES and others</p>                      | <p>Attended two week ISTE workshop on "Signals and Systems" conducted by IIT Kharagpur under National Mission on Education through ICT(MHRD,GoI) with BMSCE(RC-1225) being the remote centre.</p>   | 5/5   |
| <p>Details of Utilization of NPTEL and other Online materials for augmenting own lectures.</p>                | <p>Registered for Programming in C++ by Prof. Parth Pratim Das, attended all his online lectures and utilized concepts while teaching the subject in class room. Also downloaded the lectures and made available for offline use in department.</p>   | 5/5   |
| <p>Details of Project Proposal</p>  |   | 0/5   |



|   |   |                   |
|---|---|-------------------|
| submitted during the current year. (At least one)   |   |                   |
| Details of Project Funds Received.  | Rs.   | 0/5               |
| Consultancy Revenue Generated   | Rs.   | 0/5               |
| Details of Participation in cultural events during the current year                       | 1) Participated in carrom-doubles event organized for staff during Aarohana 2019 and ended up runners up.<br>2) Participated in table tennis event organized for staff during Aarohana 2019.                    | 5/5               |
| Additional Responsibilities in the Department/ College<br>Example: Head, Coordinator etc. | 1) Staff coordinator of KSSEM Alumni Association<br>2) Department representative for placement activities<br>3) Participated in NAAC/NBA preparation meetings(criteria 5 and 2.6)<br>4) News letter coordinator | 8/10              |
| Details of Live Membership for Professional Bodies (IEEE CSI SEA ISTE .....               | Life member of ISTE(LM3999)<br>Fellow of Institute of Engineers   | 5/5               |
| Graduation Day Responsibilities. (If any) Please mention your role.                       | Contributed as one of the staff coordinators to oversee graduation day preparations and activities to ensure successful completion of graduation day at department level.                                       | 5/5               |
| <b>TOTAL</b>  |   | <b>118.43/190</b> |

Date: 31/07/2019

  
Signature of faculty

  
31/7/19  
Professor & Head  
Dept. of Electronics & Communication Engineering  
K. S. School of Engineering & Management  
Bangalore-560 109

  
Dr. K. RAMA NARASIMHA  
Principal/Director  
K S School of Engineering and Management  
Bengaluru - 560 109

## STAFF SELF APPRAISAL REPORT 2018-2019

## KSIT/KSSEM

| Field   | Data   | SCORE |
|---|--|-------|
| Name  | Sasindran Madhava Prabhu   |       |
| Present Address, Mob.No., e-mail id.  | 1982, 1 <sup>st</sup> floor, 4 <sup>th</sup> Cross, 20 <sup>th</sup> Main, J P Nagar -2 <sup>nd</sup> Phase, Bangalore 560078, Cell No. 99864 81630, email : smprabhu@kssem.edu.in   | ---   |
| Age and Date of Birth   | 58 years, 26-02-1961   |       |
| Qualification   | M.E, P.G.D.M   |       |
| Designation and Department  | Associate Professor, ECE   |       |
| Teaching Experience (After PG)  | Nil, only training Experience in Corporates (10 Years)   |       |
| Other Experience(If any)  | R&D Product Development in Digital Switching Systems (16 years), Testing and Delivery of Telecom Products (9 years)  |       |
| List of Subjects Taught till date and percentage pass (use separate sheet if necessary)                         | Corporate Training (Not university Subjects): Basic Telecom, Present Telecom NW, Networking Basics, Cable Networks, 5G Basics, Enterprise Infrastructure, Software Defined Networking, Interpersonal & Communication Skills (Behavioral) |       |
| Subjects taught in the Assessment Year and percentage pass (10marks for each x Percentage)                      | 1. NA<br>2.<br>3.<br>4.  | /40   |
| Details of UG Projects Guided (5 marks/ project guided)   | 1. NA<br>2.  | /10   |
| Details of PG Projects Guided (5 marks/ project guided)   | 1. NA<br>2.  | /10   |
| Additional Inputs given in the class in addition to the syllabus (Give proof and justification) (If applicable) | NA   | /5    |
| Guest / Invited Lectures arranged (2marks /lecture) Max 5 marks.  | NA   | /5    |
| Details of Industrial Visits arranged. (2marks/visit)   | NA   | /5    |

|   |   |     |
|---|---|-----|
| Max 5 marks.  |   |     |
| Number of FDPs attended since joining service<br>(Attach Separate List)   | NA  | --  |
| Details of students mentored during current assessment year.  | NA  | --  |
| Details of Participation in VTU Bodies (2 Marks)  |   | /2  |
| Details on Examination related Activity (2marks each)   | 1. Practical Exams<br>2. Conduction of Theory exams<br>3. Paper Setting<br>4. Evaluation  | /8  |
| List of FDPs attended during the Assessment year (5 marks each)<br>(Attach Certificate copies)  | 1) NA<br>2)   | /10 |
| Financial Assistance received during current year for attending FDPs  | Rs. NA  | --  |
| Status of Ph.D.<br>[Attach proof for each stage]<br>(This can be claimed only once during a life time after the PhD is awarded)<br>[Attach proof for every claim] | 1. Awarded (2 marks)<br>2. Thesis Submitted and awaiting reports (1 mark)<br>3. Thesis Preparation (2 Mark)<br>4. Experimentation/Data Collection in completed (1 mark)<br>5. Comprehensive viva voce completed (1 mark)<br>6. Appeared for Course work exams (1 mark)<br>7. Applied for registration formalities (1 mark)<br>8. Identified Guide/Research Centre and preparing research Proposal (1mark.)<br>9. Not thought of pursuing Ph.D. (zero) | /10 |
| Research Publications: (5 marks each)<br>[Attach copies of Title Page]  | 1.<br>2.  | /10 |
| Seminars / Workshops / Conferences attended (5 Marks each) [Attach Certificate Copies]  | 1. Age of Acceleration and Education Imperatives by Prof. Kincha, IIIT, 12 <sup>th</sup> Apr 19.  | /10 |
| Financial Assistance received during current year   | Rs. NA  | --  |
| Registered as Research Guide  | Yes / No  |     |

|   |   |             |
|---|---|-------------|
| (Reasons for not registering)   |   |             |
| No. of Research Scholars registered with details  | NA  | /5          |
| Details of Patents Applied for (If any)   | NA  | /5          |
| Academic Programs organized and supported during current year.<br>(FDP/Workshop/Seminar / Conference) | NA  | /5          |
| Details of programs attended for skill development like MOOCs, MOODLES and others                     | NA  | /5          |
| Details of Utilization of NPTEL and other Online materials for augmenting own lectures.               | NA  | /5          |
| Details of Project Proposal submitted during the current year. (At least one)                         | NA  | /5          |
| Details of Project Funds Received.  | Rs. NA  | /5          |
| Consultancy Revenue Generated   | Rs. NA  | /5          |
| Details of Participation in cultural events during the current year                                   | 1) NA<br>2)<br>3)   | /5          |
| Additional Responsibilities in the Department/ College<br>Example: Head, Coordinator etc.             | 1) NA<br>2)<br>3)   | 10          |
| Details of Live Membership for Professional Bodies (IEEE CSI SEA ISTE .....                           | IEEE communication Society – Senior Member, IETE – Life Fellow, Project Management Professional | /5          |
| Graduation Day Responsibilities. (If any) Please mention your role.                                   | NA  | /5          |
| <b>TOTAL</b>  |   | <b>/190</b> |

Date:

16.7.19

*M. Sasidhar*

Signature of faculty

*[Signature]*  
16.7.19  
Professor & Head  
Dept. of Electronics & Communication Engineering  
K. S. School of Engineering & Management  
Bangalore-560 109

*[Signature]* 16.7.19  
Dr. K. RAMA NARASIMHA  
Principal/Director  
K S School of Engineering and Management  
Bangalore - 560 109

**STAFF SELF APPRAISAL REPORT****2018-2019****KSIT/KSSEM**

| Field  | Data  | SCORE    |
|--|---|----------|
| Name   | <b>Gopalakrishna Murthy C R</b>   |          |
| Present Address, Mob.No.<br>e-mail id.   | #1235/A, 4 <sup>th</sup> Cross, 4 <sup>th</sup> Main, E Block, 2 <sup>nd</sup> Stage,<br>RajajiNagar, Bangalore – 560010<br><b>Mobile:</b> 9880127272<br><b>Email:</b> gopalakrishnamurthy.c.r@kssem.edu.in   |          |
| Age and Date of Birth  | <b>Age:</b> 46 <b>DoB:</b> 11/03/1972   |          |
| Qualification  | B.E., M.E.,(Ph.D)   |          |
| Designation and Department   | Associate Professor, Electronics and<br>Communication Engineering   |          |
| Teaching Experience (After PG)   | 12 Years  | ---      |
| Other Experience(If any)   | Worked as Hardware Engineer for 1 Years   |          |
| List of Subjects Taught till date<br>and percentage pass (use<br>separate sheet if necessary)                            | Separate Sheet Attached   |          |
| Subjects taught in the<br>Assessment Year and<br>percentage pass<br>(10marks for each x Percentage)                      | 1. 15EC42-Microprocessor (72%)<br>2. 15EC654-Digital Switching Systems(100%)<br>3. 15EC73-Power Electronics (94.1%)<br>4. 15EC73-Power Electronics (82.5%)  | 34.86/40 |
| Details of UG Projects Guided<br>(5 marks/ project guided)   | 1. Design and Implementation of Robot<br>Assisted Arduino Based Object Recognition<br>and Sorting(2017-18)<br>2. Development and Implementation of<br>Highway Electric Power Generation Using<br>Wind Turbine for Smart Traffic and Light<br>Control System (2018-19)         | 10/10    |
| Details of PG Projects Guided<br>(5 marks/ project guided)   | 1. NA<br>2. NA  | 0/10     |
| Additional Inputs given in the<br>class in addition to the syllabus<br>(Give proof and justification)<br>(If applicable) | 1. 15EC42-Microprocessor: Taught<br>Additional/different programming concept<br>and logic to students other than syllabus.<br>2. 15EC73-Power Electronics: Given<br>additional inputs and trained students for<br>simulating Power Electronics circuits using<br>P-spice tool | 5/5      |

|   |   |     |
|---|---|-----|
|   | NAAC" organized by BITES at GAT on 4 <sup>th</sup> Jan-2019, Bangalore.   |     |
| Financial Assistance received during current year   | Rs.0  | --  |
| Registered as Research Guide (Reasons for not registering)  | Yes/ No<br>(Ph.d Pursuing )   |     |
| No. of Research Scholars registered with details  | NA  | 0/5 |
| Details of Patents Applied for (If any)   | None  | 0/5 |
| Academic Programs organized and supported during current year.<br>(FDP/Workshop/Seminar / Conference) | Organized workshops as a <b>Remote center coordinator</b> under National mission on education through ICT (NMEICT) from IIT-Bombay.<br>1. One-Day workshop on <i>Koha and Library Automation on 12<sup>th</sup> October 2018</i><br>2. One day Workshop on Moodle Learning Management System <i>on 15<sup>th</sup> March 2019</i><br>3. One day Coordinators Workshop on Scilab - 16 April 2019. One day Main Workshop on Scilab - 4 May 2019.<br>4. One day Coordinators Workshop on Python - 25 May 2019. One day Main workshop on Python on 22 <sup>nd</sup> June 2019.<br>5. Coordinated International Conference on Applied Engineering Sciences (ICAEM-18) on 12 <sup>th</sup> and 13 <sup>th</sup> October 2018, KSSEM, Bangalore.<br>6. Coordinated one day workshop on "Sonar Signal Processing" held on 3 <sup>rd</sup> Feb 2019 at KSSEM, Bangalore. | 5/5 |
| Details of programs attended for skill development like MOOCs, MOODLES and others                     | Under National mission on education through ICT (NMEICT) from IIT-Bombay.<br>1. <b>Sci - Lab</b><br>2. <b>Python</b>  | 5/5 |
| Details of Utilization of NPTEL and other Online materials for augmenting own lectures.               | NPTEL videos and other lecturing videos and ppts on Power Electronics and Microprocessors to students for augmenting curricular learning  | 5/5 |
| Details of Project Proposal submitted during the current year. (At least one)                         | <b>Funded by 42<sup>nd</sup> series KSCST project Proposal</b><br>For Development and Implementation of Highway Electric Power Generation Using Wind Turbine for Smart Traffic and Light Control System   | 5/5 |
| Details of Project Funds Received.  | Rs.6000.00  | 5/5 |

|   |   |                   |
|---|---|-------------------|
| Consultancy Revenue Generated   | Rs.0  | 0/5               |
| Details of Participation in cultural events during the current year                       | 1) Participated in Dumb Charades for Faculty during Aarohana 2019<br>2) Participated in Cooking for Faculty during Aarohana 2019<br>3) Part of Disciplinary Committee during Aarohana 2019  | 5/5               |
| Additional Responsibilities in the Department/ College<br>Example: Head, Coordinator etc. | 1) <b>NAAC Coordinator</b><br>2) <b>Remote center coordinator</b> under National mission on education through ICT (NMEICT) from IIT-Bombay.<br>3) Class Teacher (6 <sup>th</sup> ECE 'A') (2018)<br>4) Elective Subject coordinator | 10/10             |
| Details of Live Membership for Professional Bodies (IEEE CSI SEA ISTE .....               | 1. Life Time member of "The Indian Society for Technical Education (ISTE)"- LM-53736<br>2. Member "International Association of Engineers (IAENG)" – 113606<br>3. IEI-M-151321-8  | 5/5               |
| Graduation Day Responsibilities.<br>(If any) Please mention your role.                    | Photo session In charge<br>Disciplinary committee   | 5/5               |
| <b>TOTAL</b>  |   | <b>135.86/190</b> |

Date: 16/07/2019

Signature of Faculty

  
 16/07/19  
 Professor & Head  
 Dept. of Electronics & Communication Engineering  
 K. S. School of Engineering & Management  
 Bangalore-560 109

  
 Dr. K. RAMA NARASIMHA  
 Principal/Director  
 K S School of Engineering and Management  
 Bengaluru - 560 109

**STAFF SELF APPRAISAL REPORT****2018-2019****KSIT/KSSEM**

| Field  | Data   | SCORE |
|--|--|-------|
| Name   | K SENTHIL BABU   | ---   |
| Present Address, Mob.No., e-mail id.   | #411, 4 <sup>th</sup> Cross, South Avenue Layout<br>Gottigere, Bangalore560083   |       |
| Age and Date of Birth  | Age-39 (30/04/1980)  |       |
| Qualification  | Mtech (Ph.D)   |       |
| Designation and Department   | Associate Professor  |       |
| Teaching Experience (After PG)   | 14 years   |       |
| Other Experience(If any)   | 2.5 years as Service Engineer  |       |
| List of Subjects Taught till date and percentage pass (use separate sheet if necessary)    | Basic Electrical Engineering<br>Operation Research and Management<br>Digital Signal Processing<br>Control Systems<br>High Performance communication Network<br>Computer Communication Network<br>Network Analysis<br>Analog Communication<br>Digital Communication<br>Digital Switching System<br>Fiber optics and Networks<br>Optical Fiber Communication<br>Optical Networking |       |
| Subjects taught in the Assessment Year and percentage pass (10marks for each x Percentage) | 1.Digital Signal Processing-100%<br>2.Control Systems-88.64%<br>3.Optical Networking-98.3%<br>4. Fiber Optics & Networks-100%  | 39/40 |
| Details of UG Projects Guided (5 marks/ project guided)                                    | 1. Smart Hydroponics<br>2. Calibration and characterisation of Mqsensors for Enose Applications  | 10/10 |
| Details of PG Projects Guided (5 marks/ project guided)                                    | 1.<br>2.   | /10   |
| Additional Inputs given in the class in addition to the                                    | Provided MCQ samples and discussed the same in the class.  | 5/5   |



|   |   |            |
|---|---|------------|
| <p>syllabus (Give proof and justification)<br/>(If applicable)</p>          | <p>Run videos related to<br/>(i)operation principle of optical isolator and circulator using SOP<br/>(ii)block diagram reduction techniques in CS<br/>(iii)concept of total internal reflection</p>   |            |
| <p>Guest / Invited Lectures arranged (2marks /lecture)<br/>Max 5 marks.</p> | <ul style="list-style-type: none"> <li>• Coordinator for the Workshop on "Embedded IOT" organized by the Department of Telecommunication Engineering in association with IETE and Inversa Technosoft from 5<sup>th</sup> to 7<sup>th</sup> October 2018</li> <li>• Coordinator for the Workshop on "Intro Arduino" organized by the Department of Telecommunication Engineering in association with IETE and Inversa Technosoft on 15<sup>th</sup> and 16<sup>th</sup> February 2018</li> <li>• Coordinator for National Conference of "Technological Innovations in Communication and computation (NCTICC)" organized by the department of Telecommunication Engineering from 10<sup>th</sup> to 12<sup>th</sup> May 2017</li> <li>• Coordinator for two days hands-on workshop on " Wireless Embedded Systems" organized by KSIT in association with IETE and Tenet Technetronics on 26<sup>th</sup> and 27<sup>th</sup> Feb 2016</li> <li>• Coordinator for " 17<sup>th</sup> ISTE State Level Faculty Convention &amp; 25<sup>th</sup> Dr.L.S. Chandrakant Memorial Lecture Series" on "Challenges and Oppqrunities in Value based Technical Education &amp; Accreditation" organized by KSIT on 20<sup>th</sup> November 2014</li> <li>• Coordinator for National Conference on "Innovation in Communications and Computations" organized by department of TCE,KSIT on 18<sup>th</sup> October 2014</li> <li>• Coordinator for National Conference on "Advancement in Communication and Computation " organized by department of TCE,KSIT on 28<sup>th</sup> September 2013</li> <li>• Coordinator for National level workshop on " Matlab Tools and Applications" jointly organized by department of ECE and TCE,KSIT on 28<sup>th</sup> Feb to 2<sup>nd</sup> March 2013</li> <li>• Coordinator for National Conference on "Communication and Computation " organized by department of TCE,KSIT on 29<sup>th</sup> September 2012</li> </ul> | <p>5/5</p> |

|   |  |  |            |            |            |                    |            |                       |            |            |            |             |            |                    |            |          |            |             |            |          |            |               |            |              |            |               |            |           |            |           |           |
|---|--|--|------------|------------|------------|--------------------|------------|-----------------------|------------|------------|------------|-------------|------------|--------------------|------------|----------|------------|-------------|------------|----------|------------|---------------|------------|--------------|------------|---------------|------------|-----------|------------|-----------|-----------|
| <b>Details of Industrial Visits arranged. (2marks/visit)<br/>Max 5 marks.</b>   | <b>NA</b>  |  | <b>/5</b>  |            |            |                    |            |                       |            |            |            |             |            |                    |            |          |            |             |            |          |            |               |            |              |            |               |            |           |            |           |           |
| <b>Number of FDPs attended since joining service<br/>(Attach Separate List)</b> | <ul style="list-style-type: none"> <li>• Attended a 3day FDP on "Outcome Based Education" at KSIT on 17<sup>th</sup> to 19<sup>th</sup> July 2019</li> <li>• Attended a FDP on " Programming Raspberry Pi using Python" organized by Department of Telecommunication Engineering, KSIT in association with Inversa Technosoft on 18<sup>th</sup> to 20<sup>th</sup> January 2017 at PES University, Bangalore</li> <li>• Attended a FDP on R&amp;D funding Opportunities and Intellectual property rights organized by IPR/IEI, KSIT from 28<sup>th</sup> to 30<sup>th</sup> March 2016</li> <li>• Participated in three day workshop on "Embedded system and Design on MSP430" at KSIT, Bangalore on 12<sup>th</sup>, 13<sup>th</sup> and 14<sup>th</sup> October 2012</li> <li>• Attended a seminar on "MATLAB and Simulink for Engineering Education" Organized by Mathworks India on 6<sup>th</sup> March 2012.</li> <li>• Attended a National level workshop on "Network Simulation –A Beginners Approach" Organized by VTU, Belgaum on 16<sup>th</sup> – 18<sup>th</sup> February 2012.</li> </ul> |  | <b>--</b>  |            |            |                    |            |                       |            |            |            |             |            |                    |            |          |            |             |            |          |            |               |            |              |            |               |            |           |            |           |           |
| <b>Details of students mentored during current assessment year.</b>             | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 20%;">1KS15TE020</td><td>KSHAMA.B.N</td></tr> <tr><td>1KS15TE021</td><td>KUNAL.P.KHANDELWAL</td></tr> <tr><td>1KS15TE022</td><td>MUTHU PRIYADARSHINI.A</td></tr> <tr><td>1KS15TE023</td><td>NIHARIKA.R</td></tr> <tr><td>1KS15TE024</td><td>NIKITHA.N.R</td></tr> <tr><td>1KS15TE027</td><td>RAGHUL.R.BHARADWAJ</td></tr> <tr><td>1KS15TE028</td><td>RAGINI.M</td></tr> <tr><td>1KS15TE029</td><td>RAKSHITHA.K</td></tr> <tr><td>1KS15TE030</td><td>RASHMI.R</td></tr> <tr><td>1KS15TE031</td><td>RESHMA GEORGE</td></tr> <tr><td>1KS15TE032</td><td>ROOPASHREE.R</td></tr> <tr><td>1KS15TE033</td><td>SANGEETHA.D.B</td></tr> <tr><td>1KS15TE034</td><td>SANJANA.A</td></tr> <tr><td>1KS15TE035</td><td>SHEETAL.J</td></tr> </table>   |  | 1KS15TE020 | KSHAMA.B.N | 1KS15TE021 | KUNAL.P.KHANDELWAL | 1KS15TE022 | MUTHU PRIYADARSHINI.A | 1KS15TE023 | NIHARIKA.R | 1KS15TE024 | NIKITHA.N.R | 1KS15TE027 | RAGHUL.R.BHARADWAJ | 1KS15TE028 | RAGINI.M | 1KS15TE029 | RAKSHITHA.K | 1KS15TE030 | RASHMI.R | 1KS15TE031 | RESHMA GEORGE | 1KS15TE032 | ROOPASHREE.R | 1KS15TE033 | SANGEETHA.D.B | 1KS15TE034 | SANJANA.A | 1KS15TE035 | SHEETAL.J | <b>--</b> |
| 1KS15TE020  | KSHAMA.B.N   |  |            |            |            |                    |            |                       |            |            |            |             |            |                    |            |          |            |             |            |          |            |               |            |              |            |               |            |           |            |           |           |
| 1KS15TE021  | KUNAL.P.KHANDELWAL   |  |            |            |            |                    |            |                       |            |            |            |             |            |                    |            |          |            |             |            |          |            |               |            |              |            |               |            |           |            |           |           |
| 1KS15TE022  | MUTHU PRIYADARSHINI.A  |  |            |            |            |                    |            |                       |            |            |            |             |            |                    |            |          |            |             |            |          |            |               |            |              |            |               |            |           |            |           |           |
| 1KS15TE023  | NIHARIKA.R   |  |            |            |            |                    |            |                       |            |            |            |             |            |                    |            |          |            |             |            |          |            |               |            |              |            |               |            |           |            |           |           |
| 1KS15TE024  | NIKITHA.N.R  |  |            |            |            |                    |            |                       |            |            |            |             |            |                    |            |          |            |             |            |          |            |               |            |              |            |               |            |           |            |           |           |
| 1KS15TE027  | RAGHUL.R.BHARADWAJ   |  |            |            |            |                    |            |                       |            |            |            |             |            |                    |            |          |            |             |            |          |            |               |            |              |            |               |            |           |            |           |           |
| 1KS15TE028  | RAGINI.M   |  |            |            |            |                    |            |                       |            |            |            |             |            |                    |            |          |            |             |            |          |            |               |            |              |            |               |            |           |            |           |           |
| 1KS15TE029  | RAKSHITHA.K  |  |            |            |            |                    |            |                       |            |            |            |             |            |                    |            |          |            |             |            |          |            |               |            |              |            |               |            |           |            |           |           |
| 1KS15TE030  | RASHMI.R   |  |            |            |            |                    |            |                       |            |            |            |             |            |                    |            |          |            |             |            |          |            |               |            |              |            |               |            |           |            |           |           |
| 1KS15TE031  | RESHMA GEORGE  |  |            |            |            |                    |            |                       |            |            |            |             |            |                    |            |          |            |             |            |          |            |               |            |              |            |               |            |           |            |           |           |
| 1KS15TE032  | ROOPASHREE.R   |  |            |            |            |                    |            |                       |            |            |            |             |            |                    |            |          |            |             |            |          |            |               |            |              |            |               |            |           |            |           |           |
| 1KS15TE033  | SANGEETHA.D.B  |  |            |            |            |                    |            |                       |            |            |            |             |            |                    |            |          |            |             |            |          |            |               |            |              |            |               |            |           |            |           |           |
| 1KS15TE034  | SANJANA.A  |  |            |            |            |                    |            |                       |            |            |            |             |            |                    |            |          |            |             |            |          |            |               |            |              |            |               |            |           |            |           |           |
| 1KS15TE035  | SHEETAL.J  |  |            |            |            |                    |            |                       |            |            |            |             |            |                    |            |          |            |             |            |          |            |               |            |              |            |               |            |           |            |           |           |

|  |   |       |
|--|---|-------|
|  | IKS15TE036 SHRADDHA.U.BIRTHI<br>1KS15TE049 RUKESH.T<br>1KS14TE405 SAHANA.G.A  |       |
| <b>Details of Participation in VTU Bodies (2 Marks)</b>  |   | /2    |
| <b>Details on Examination related Activity (2marks each)</b>   | <b>1. Practical Exams :</b><br>External for Project work-13/06/2019<br>Internal for Microwave lab -26-29/06/2019<br>Internal for DSP lab (ODD sem)<br>Internal for Digital Communication Lab(ODD Sem)<br><b>2. Appointed as DCS in AMC college of Engineering</b><br><b>3. VTU Theory Exam duties allotted in the college</b>   | 8/8   |
| <b>List of FDPs attended during the Assessment year (5 marks each)<br/>(Attach Certificate copies)</b> |   | /10   |
| <b>Financial Assistance received during current year for attending FDPs</b>                            |   | --    |
| <b>Status of Ph.D.</b>   | <b>Thesis Submitted and awaiting reports</b>  | 8/10  |
| <b>Research Publications: (5 marks each)<br/>[Attach copies of Title Page]</b>                         | <ul style="list-style-type: none"> <li>• Calibration of MQ-7 and Detection of Hazardous Carbon Monoxide Concentration in Test Canister</li> <li>• Hazardous gas detection and alarming system (HGDAS) to prevent human casualties</li> <li>• Energy Model for the Configured MSP430F1612 on a TELOSB Mote with the Help of Contik</li> <li>• Porting contiki to customized TELOSB mote</li> </ul> | 10/10 |


|   |  |              |
|---|--|--------------|
| <b>Seminars / Workshops / Conferences attended (5 Marks each) [Attach Certificate Copies]</b>             | <ul style="list-style-type: none"> <li>• Attended a one day workshop on "New Approach to the Revised Assessment and Accreditation if NAAC" organized by Global Academy of Technology, Bangalore on 4<sup>th</sup> January 2019</li> <li>• Participated in the "BITES Annual Convention 2018" held on 23<sup>rd</sup> and 24<sup>th</sup> November 2018 at BMS College of Engineering, Bangalore.</li> <li>• Participated in the workshop "Role of Ratings, Rankings and Accreditation in creating Institutions of Eminence and Excellence" organized by BITES on 21<sup>st</sup> July 2018 at PES University, Bangalore</li> </ul> | <b>10/10</b> |
| <b>Financial Assistance received during current year</b>  |  | --           |
| <b>Registered as Research Guide (Reasons for not registering)</b>   | NA   |              |
| <b>No. of Research Scholars registered with details</b>   | NA   | /5           |
| <b>Details of Patents Applied for (If any)</b>  |  | /5           |
| <b>Academic Programs organized and supported during current year. (FDP/Workshop/Seminar / Conference)</b> | <ul style="list-style-type: none"> <li>• Coordinator for the Workshop on "Embedded IOT" organized by the Department of Telecommunication Engineering in association with IETE and Inversa Technosoft from 5<sup>th</sup> to 7<sup>th</sup> October 2018</li> </ul>   | <b>5/5</b>   |
| <b>Details of programs attended for skill development like MOOCs, MOODLES and others</b>                  |  | /5           |
| <b>Details of Utilization of NPTEL and other Online materials for augmenting own lectures.</b>            |  | /5           |
| <b>Details of Project Proposal submitted during the current year. (At least one)</b>                      | KSCST project proposal for 42 series "Smart Hydroponics "  | 5/5          |
| <b>Details of Project Funds Received.</b>   | Rs.5500 from KSCST 42 <sup>nd</sup> series   | 5/5          |
| <b>Consultancy Revenue Generated</b>  | Rs.  | /5           |
| <b>Details of Participation in cultural events during the current year</b>                                | <ul style="list-style-type: none"> <li>• Participated in the "3<sup>rd</sup> PES Inter-National Staff Tournament" Badminton singles and doubles event organized by PES University</li> </ul>   | <b>5/5</b>   |

|   |   |                |
|---|---|----------------|
|   | <ul style="list-style-type: none"> <li>from 20<sup>th</sup> to 23<sup>rd</sup> January 2019</li> <li>Participated in the "3<sup>rd</sup> PES Inter-National Staff Tournament" Badminton singles and doubles event organized by PES University from 20<sup>th</sup> to 23<sup>rd</sup> January 2019</li> </ul>   |                |
| <b>Additional Responsibilities in the Department/ College</b><br><b>Example: Head, Coordinator etc.</b> | <ul style="list-style-type: none"> <li>Coordinator for the Workshop on "Embedded IOT" organized by the Department of Telecommunication Engineering in association with IETE and Inversa Technosoft from 5<sup>th</sup> to 7<sup>th</sup> October 2018</li> <li>NBA Coordinator of TCE Department</li> <li>Coordinator for NAAC Criteria 2 in the Telecommunication Department</li> <li>Project coordinator in the telecommunication department</li> <li>Sports coordinator of the department</li> </ul> | <b>10</b>      |
| <b>Details of Live Membership for Professional Bodies (IEEE CSI SEA ISTE .....</b> )                    | Member of The Institution of Engineers (IEI) (Membership No: M-1584310)   | <b>5/5</b>     |
| <b>Graduation Day Responsibilities.</b><br><b>(If any) Please mention your role.</b>                    | <b>Responsible for coordinating the event in the department and part of disciplinary committee</b>  | <b>5/5</b>     |
| <b>TOTAL</b>  |   | <b>140/190</b> |

Date: 20/7/19

  
 Signature of faculty

  
 20/7/19  
 Professor & Head  
 Dept. of Electronics & Communication Engineering  
 K. S. School of Engineering & Management  
 Bangalore-560 109

  
 Dr. K. RAMA NARASIMHA  
 Principal/Director  
 K S School of Engineering and Management  
 Bengaluru - 560 109

KAMMAVARI SANGHAM GROUP OF INSTITUTIONS

**STAFF SELF APPRAISAL REPORT**

**2018-2019**

**KSIT/KSSEM**

| Field   | Data  | SCORE    |
|---|---|----------|
| Name  | SHANTHALA.G.M   | ---      |
| Present Address, Mob.No., e-mail id.  | NN1-101, Shriram Surabhi Apaetment, Mallasandra, Off Kanakapura Main Road, Bangalore-560109<br>Phone:9980697359<br>Mail ID:shanthala.g.m@kssem.edu.in |          |
| Age and Date of Birth   | 38 yrs/18-10-1980   |          |
| Qualification   | M.Tech  |          |
| Designation and Department  | Associate Professor   |          |
| Teaching Experience (After PG)  | 13 yrs  |          |
| Other Experience(If any)  | Nil   |          |
| List of Subjects Taught till date and percentage pass (use separate sheet if necessary)                         | Attached separate sheet   |          |
| Subjects taught in the Assessment Year and percentage pass (10marks for each x Percentage)                      | 1.Verilog HDL for A section – 95.1%<br>2. Verilog HDL for B section – 95.7<br>3. VLSI design for B section - 92.5%<br>4. VLSI lab - 100%              | 28.27/30 |
| Details of UG Projects Guided (5 marks/ project guided)   | 1.Implementation IOT based smart Robot for Land Survey<br>2. Implementation of Health Monitoring system for Neonatal units using IOT                  | 10/10    |
| Details of PG Projects Guided (5 marks/ project guided)   | 1. Nil<br>2.  | 0/10     |
| Additional Inputs given in the class in addition to the syllabus (Give proof and justification) (If applicable) | Nil   | 0/5      |

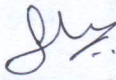
|   |   |       |
|---|---|-------|
| Guest / Invited Lectures arranged (2marks /lecture)<br>Max 5 marks.   | Nil   | 0/5   |
| Details of Industrial Visits arranged. (2marks/visit)<br>Max 5 marks.   | Nil   | 0/5   |
| Number of FDPs attended since joining service<br>(Attach Separate List)   | 9<br>Attached in separate sheet   | --    |
| Details of students mentored during current assessment year.  | Mentoring 6 <sup>th</sup> sem B section ECE students (Total 16 students)  | --    |
| Details of Participation in VTU Bodies (2 Marks)  |   | 0/2   |
| Details on Examination related Activity (2marks each)   | 1. Practical Exams<br>2. Conduction of Theory exams   | 4/8   |
| List of FDPs attended during the Assessment year (5 marks each)<br>(Attach Certificate copies)  | 1) FDP on Design for Test Using Mentor Tessent Tool Suit (2 days)<br><br>2) FDP on Aspects of Effective Programming and Research (3 days) | 10/10 |
| Financial Assistance received during current year for attending FDPs  | Rs.1000/-   | --    |
| Status of Ph.D.<br>[Attach proof for each stage]<br>(This can be claimed only once during a life time after the PhD is awarded)<br>[Attach proof for every claim] | 1.Ph.D. Cancelled due to health issue(zero)   | 0/10  |
| Research Publications: (5 marks each)<br>[Attach copies of Title Page]  | 1.Implementation of Health Monitoring system for Neonatal units using IOT   | 5/10  |
| Seminars / Workshops / Conferences attended (5 Marks each) [Attach Certificate Copies]  | 1.Attended international conference on applied Engineering Sciences and Management (ICAEM-2018)   | 5/10  |
| Financial Assistance  | Nil   | --    |

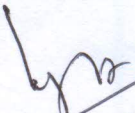
|  |   |     |
|--|---|-----|
| received during current year   |   |     |
| Registered as Research Guide (Reasons for not registering)   | No  |     |
| No. of Research Scholars registered with details   | Nil   | 0/5 |
| Details of Patents Applied for (If any)  | Nil   | 0/5 |
| Academic Programs organized and supported during current year. (FDP/Workshop/Seminar / Conference) | Coordinated international conference on applied Engineering Sciences and Management(ICAEM-2018) –(Stage Committee incharge)   | 5/5 |
| Details of programs attended for skill development like MOOCs, MOODLES and others                  | Nil   | 0/5 |
| Details of Utilization of NPTEL and other Online materials for augmenting own lectures.            | NPTEL videos referred for VLSI Design Subject:<br>1. <a href="https://www.youtube.com/watch?v=UgOM9Wxp57k">https://www.youtube.com/watch?v=UgOM9Wxp57k</a><br>2. <a href="https://www.youtube.com/watch?v=FWEO-F0oE4s&amp;list=PLUtfVcb-iqn-EkuBs3arreilxa2UKICHl">https://www.youtube.com/watch?v=FWEO-F0oE4s&amp;list=PLUtfVcb-iqn-EkuBs3arreilxa2UKICHl</a><br>3. <a href="http://www.nptelvideos.in/2012/12/vlsi-design.html">www.nptelvideos.in/2012/12/vlsi-design.html</a> | 5/5 |
| Details of Project Proposal submitted during the current year. (At least one)                      | Student project proposal got selected for KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY  | 5/5 |
| Details of Project Funds Received.   | Rs. 7000  | 5/5 |
| Consultancy Revenue Generated  | Rs.   | 0/5 |
| Details of Participation in cultural events during the current year                                | 1) Participated in cooking without fire competition held during "AROHANA"   | 5/5 |
| Additional Responsibilities in the Department/ College<br>Example: Head, Coordinator etc.          | 1) Criteria 6 co-coordinator for ECE Dept.<br>2) IQAC co-coordinator<br>3) Maintaining few LIC files<br>4) Test co-coordinator (Aug- Nov 2018)<br>5) Lab incharge for 4 <sup>th</sup> semester Microprocessor Lab<br>6) Seminar guide for 1 batch(4 students) of 8 <sup>th</sup> semester<br>7) Internship guide for 1 batch of 8 <sup>th</sup> Semester  | 10  |




|  |  |                |
|--|--|----------------|
|  | <b>8)VLSI Lab incharge</b>                                     |                |
| <b>Details of Live Membership for Professional Bodies (IEEE CSI SEA ISTE ....)</b> | <b>1)Member of ISTE</b> - LM94783<br><b>2) IETI</b> - M1511844 | <b>5/5</b>     |
| <b>Graduation Day Responsibilities. (If any) Please mention your role.</b>         | <b>Disciplinary committee</b>                                  | <b>5/5</b>     |
| <b>TOTAL</b>   |  | <b>117/190</b> |

Date: 16/7/19

  
Signature of faculty

  
16/7/19

**Professor & Head**  
Dept. of Electronics & Communication Engineering  
K. S. School of Engineering & Management  
Bangalore-560 109

  
**Dr. K. RAMA NARASIMHA**  
Principal/Director  
K S School of Engineering and Management  
Bengaluru - 560 109

**STAFF SELF APPRAISAL REPORT****2018-2019****KSIT/KSSEM**

|  | <b>Data</b>   | <b>SCORE</b> |
|--|---|--------------|
| <b>Name</b>  | <b>MANU D K</b>   |              |
| <b>Present Address, Mob. No., e-mail id.</b>   | #222, 2B BLOCK MAHAVEER WILLOW APARTMENT, KENGERI SATELLITE TOWN, BENGALURU-560109<br><b>MOB:</b> 9845223111<br><b>Email:</b> manu.d.k@kssem.edu.in   | ---          |
| <b>Age and Date of Birth</b>   | <b>Age:</b> 37 <b>DoB:</b> 21-07-1982   |              |
| <b>Qualification</b>   | B.E., M.Tech., (Ph.D.)  |              |
| <b>Designation and Department</b>  | Associate Professor and Electronics and Communication Engineering   |              |
| <b>Teaching Experience (After PG)</b>  | 12Years   |              |
| <b>Other Experience(If any)</b>  | NA  |              |
| <b>List of Subjects Taught till date and percentage pass (use a separate sheet if necessary)</b>                       | Separate Sheet Attached   |              |
| <b>Subjects taught in the Assessment Year and percentage pass (10marks for each x Percentage)</b>                      | 1. Control Systems (70%)<br>2. Basic Electronics (88%)<br>3. Information Theory and Coding (83%)<br>4. Basic Electronics (40%)  | 28.1/40      |
| <b>Details of UG Projects Guided (5 marks/ project guided)</b>   | 1. Design and Implementation of Solar Powered Automated Garbage Monitoring System (2017-18)<br>2. Design and Implementation of Smart Insulin Device for Non-Invasive Blood Glucose Level Monitoring (2018-19) | 10/10        |
| <b>Details of PG Projects Guided (5 marks/ project guided)</b>   | 1.NA<br>2.NA  | 0/10         |
| <b>Additional Inputs given in the class in addition to the syllabus (Give proof and justification) (If applicable)</b> | NA  | 0/5          |
| <b>Guest / Invited Lectures arranged (2marks /lecture) Max 5 marks.</b>  | 1. Arranged a Technical Talk on Software Testing.   | 2/5          |

|   |  |       |
|---|--|-------|
| Details of Industrial Visits arranged. (2marks/visit)<br>Max 5 marks.   | NA   | 0/5   |
| Number of FDPs attended since joining service<br>(Attach Separate List)   | List Attached  | --    |
| Details of students mentored during the current assessment year.  | Mentored 20 Students of 4 <sup>th</sup> Semester A Section.  | --    |
| Details of Participation in VTU Bodies (2 Marks)  | NA   | /2    |
| Details on Examination related Activity (2marks each)   | <b>1 Practical Exams (Lab Internal and External Examiner)</b><br><b>2. Conduction of Theory exams ( Relieving Superintendent)</b><br><b>3. Paper Setting (Other university)</b><br><b>4. Evaluation (UG exam Evaluation )</b>  | 8/8   |
| List of FDPs attended during the Assessment year (5 marks each)<br>(Attach Certificate copies)  | 1) Two Day Workshop on "Embedded Systems for IoT Applications" during 25 <sup>th</sup> and 26 <sup>th</sup> March 2019 at K S School of Engineering and Management.<br>2) One day Workshop on "Sonar Signal Processing" on 3 <sup>rd</sup> February 2018 at K S School of Engineering and Management.  | 10/10 |
| Financial Assistance received during the current year for attending FDPs  | Rs.400   | --    |
| Status of Ph.D.<br>[Attach proof for each stage]<br>(This can be claimed only once during a life time after the Ph.D. is awarded)<br>[Attach proof for every claim] | 1. Awarded (2 marks)<br>2. Thesis Submitted and awaiting reports (1 mark)<br>3. Thesis Preparation (2 Mark)<br>4. Experimentation/Data Collection in completed (1 mark)<br>5. <b>Comprehensive viva voce completed (1 mark)</b><br>6. <b>Appeared for Course work exams (1 mark)</b><br>7. <b>Applied for registration formalities (1 mark)</b><br>8. <b>Identified Guide/Research Centre and preparing research Proposal (1mark.)</b> | 4/10  |

|  |   |       |
|--|---|-------|
|  | 9. Not thought of pursuing Ph.D. (zero)   |       |
| Research Publications: (5 marks each)<br>[Attach copies of Title Page]                                 | 1. “Enhancement of Hydrophone Sensitivity by Varying Mandrel Parameters for Detection of Acoustic Waves in Underwater Environment”.(Submitted for Publication in ELSEVIER)<br><b>Title Page Attached</b>  | 5/10  |
| Seminars / Workshops / Conferences attended (5 Marks each) [Attach Certificate Copies]                 | 1. SCI Lab Workshop Conducted by IIT Bombay on 4 <sup>th</sup> May 2019 organized by K S School of Engineering and Management.<br>2. New Model curriculum for first year BE/B.Tech CBCS Detailed Syllabus as per outcome based education under TEQIP 1.3 at MSRIT on 14/05/2018 | 10/10 |
| Financial Assistance received during the current year  | Rs.400  | --    |
| Registered as Research Guide (Reasons for not registering)   | <b>Yes/ No</b>  |       |
| No. of Research Scholars registered with details   | <b>NA</b>   | 0/5   |
| Details of Patents Applied for (If any)  | <b>NA</b>   | 0/5   |
| Academic Programs organized and supported during the current year. (FDP/Workshop/Seminar / Conference) | Assisted with the conduction of One Day Workshop on SONAR Signal Processing, held on 3rd February 2018  | 5/5   |
| Details of programs attended for skill development like MOOCs, MOODLES, and others                     | SCI Lab Workshop Conducted by IIT Bombay on 4 <sup>th</sup> May 2019 organized by K S School of Engineering and Management.   | 5/5   |
| Details of Utilization of NPTEL and other Online materials for augmenting own lectures.                | Provided NPTEL videos on Information theory and Coding to students in addition to the curriculum.   | 5/5   |
| Details of Project Proposal submitted during the current year. (At least one)                          | <b>NA</b>   | 0/5   |
| Details of Project Funds Received.   | Rs.0  | 0/5   |
| Consultancy Revenue Generated  | Rs.0  | 0/5   |
| Details of Participation in  | 1) Participated in Dumb Charades for  |       |

|  |   |                |
|--|---|----------------|
| cultural events during the current year  | Faculty during Aarohana 2019<br>2) Participated in Cooking for Faculty during Aarohana 2019<br>3) Participated and won prizes in Badminton Singles/Doubles                          | 5/5            |
| Additional Responsibilities in the Department/ College<br>Example: Head, Coordinator, etc. | 1) NAAC Co-ordinator for the college.<br>2) Industrial Visit Co-ordinator (2017-18)<br>3) Internship Co-ordinator (2018-19)<br>4) Class Teacher (6 <sup>th</sup> ECE 'B') (2018-19) | 10/10          |
| Details of Live Membership for Professional Bodies (IEEE CSI SEA ISTE .....                | MISTE-LM94782<br>SDIWC-15162<br>IAENG-176046<br>IEI-M-151321-9  | 5/5            |
| Graduation Day Responsibilities. (If any) Please mention your role.                        | Disciplinary Committee, Food Committee  | 5/5            |
| <b>TOTAL</b>   |   | <b>117/190</b> |

Date:16/07/2019

  
Signature of faculty



  
16/7/19  
Professor & Head  
Dept. of Electronics & Communication Engineering  
K. S. School of Engineering & Management  
Bangalore-560 109

**STAFF SELF APPRAISAL REPORT****2018-2019****KSIT/KSSEM**

| Field   | Data   | SCORE    |
|---|--|----------|
| Name  | ARUN KUMAR M   |          |
| Present Address, Mob.No., e-mail id.  | No. 647, 5 <sup>th</sup> main, 12 <sup>th</sup> cross, MCR layout, Vijayanagar, Bengaluru - 560040                     | ---      |
| Age and Date of Birth   | 42 years, 4 <sup>th</sup> December 1976  |          |
| Qualification   | Master of Engineering  |          |
| Designation and Department  | Assistant Professor, Electronics and Communication   |          |
| Teaching Experience (After PG)  | 14   |          |
| Other Experience (If any)   | Industry 2 years, 1 year as lecturer with UG degree  |          |
| List of Subjects Taught till date and percentage pass (use separate sheet if necessary)                         | Separate sheet enclosed  |          |
| Subjects taught in the Assessment Year and percentage pass (10marks for each x Percentage)                      | 1. Digital Signal Processing (8.41)<br>2. Digital Signal Processing Lab (9.27)<br>3. Analog Electronics Lab (10)<br>4. | 27.68/40 |
| Details of UG Projects Guided (5 marks/ project guided)   | 1. WIRELESS GESTURE AND VOICE CONTROLLED ROBOTIC ARM<br>2.   | 5/10     |
| Details of PG Projects Guided (5 marks/ project guided)   | 1.<br>2.   | 0/10     |
| Additional Inputs given in the class in addition to the syllabus (Give proof and justification) (If applicable) | Conducted Quiz for the DSP subject   | 5/5      |
| Guest / Invited Lectures arranged (2marks /lecture) Max 5 marks.  |  | 0/5      |
| Details of Industrial Visits arranged. (2marks/visit) Max 5 marks.  |  | 0/5      |
| Number of FDPs attended since joining service (Attach Separate List)  |  | --       |
| Details of students mentored during current assessment  |  | --       |


|   |  |       |
|---|--|-------|
| year.   |  |       |
| Details of Participation in VTU Bodies (2 Marks)  | Deputy Chief supriendent   | 0/2   |
| Details on Examination related Activity (2marks each)   | <ol style="list-style-type: none"> <li>1. Practical Exams</li> <li>2. Conduction of Theory exams<br/>(a) External DCS (b) Invigilation work</li> <li>3. Paper Setting<br/>(a) Mtech VTU (b) Dayanand Sagar QP</li> <li>4. Evaluation</li> </ol>  | 8/8   |
| List of FDPs attended during the Assessment year (5 marks each)<br>(Attach Certificate copies)  | <ol style="list-style-type: none"> <li>1) Intellectual Property (NPTEL ONLINE)</li> <li>2) Technical English for Engineers (NPTEL ONLINE)</li> <li>3) Managing Intellectual Property in Universities</li> </ol>  | 10/10 |
| Financial Assistance received during current year for attending FDPs  | Rs. NIL  | --    |
| Status of Ph.D.<br>[Attach proof for each stage]<br>(This can be claimed only once during a life time after the PhD is awarded)<br>[Attach proof for every claim] | <ol style="list-style-type: none"> <li>1. Awarded (2 marks)</li> <li>2. Thesis Submitted and awaiting reports (1 mark)</li> <li>3. Thesis Preparation (2 Mark)</li> <li>4. Experimentation/Data Collection in completed (1 mark)</li> <li>5. Comprehensive viva voce completed (1 mark)</li> <li>6. Appeared for Course work exams (1 mark)</li> <li>7. Applied for registration formalities (1 mark)</li> <li>8. Identified Guide/Research Centre and preparing research Proposal (1 mark.)</li> <li>9. Not thought of pursuing Ph.D. (zero)</li> </ol> | 8/10  |
| Research Publications: (5 marks each)<br>[Attach copies of Title Page]  | <ol style="list-style-type: none"> <li>1.</li> <li>2.</li> </ol>   | 0/10  |
| Seminars / Workshops / Conferences attended (5 Marks each) [Attach Certificate Copies]  | <ol style="list-style-type: none"> <li>1. HVDC Transmission systems recent trends</li> <li>2. Embedded Systems for IOT applications</li> </ol>   | 10/10 |
| Financial Assistance received during current year   | Rs.  | --    |
| Registered as Research Guide  | Yes / No   | NA    |

|   |  |                   |
|---|--|-------------------|
| (Reasons for not registering)   |  |                   |
|   |  | 0/5               |
| Details of Patents Applied for (If any)   |  | 0/5               |
| Academic Programs organized and supported during current year.<br>(FDP/Workshop/Seminar / Conference) | 1. International Conference on applied Engineering Sciences and Management on 12 <sup>th</sup> and 13 <sup>th</sup> October 2018 | 5/5               |
| Details of programs attended for skill development like MOOCs, MOODLES and others                     | 1. Technical English for Engineers (NPTEL Online)<br>2. Managing Intellectual Property in Universities                           | 5/5               |
| Details of Utilization of NPTEL and other Online materials for augmenting own lectures.               | Online materials used for DSP class  | 0/5               |
| Details of Project Proposal submitted during the current year. (At least one)                         |  | 0/5               |
| Details of Project Funds Received.  | Rs.  | 0/5               |
| Consultancy Revenue Generated   | Rs.  | 0/5               |
| Details of Participation in cultural events during the current year                                   | 1) Cooking without fire<br>2) Chess competition<br>3) Cricket  | 5/5               |
| Additional Responsibilities in the Department/ College<br>Example: Head, Coordinator etc.             | 1) Time table coordinator<br>2) NAAC Budget file<br>3) Project Coordinator<br>4) Lab incharge DSP lab<br>5) Class Teacher        | 10                |
| Details of Live Membership for Professional Bodies (IEEE CSI SEA ISTE .....                           | Life member IETE   | 5/5               |
| Graduation Day Responsibilities.<br>(If any) Please mention your role.                                | Disciplinary committee   | 5/5               |
| <b>TOTAL</b>  |  | <b>108.68/190</b> |

Date: 31/07/2019.  
faculty

  
Signature of faculty

  
31/7/19  
Professor & Head  
Dept. of Electronics & Communication Engineering  
K. S. School of Engineering & Management  
Bangalore-560 109

  
Dr. K. RAMA NARASIMHA  
Principal/Director  
K S School of Engineering and Management  
Bangalore - 560 109



## STAFF SELF APPRAISAL REPORT

2018-2019

## KSIT/KSSEM

| Field   | Data  | SCORE |
|---|---|-------|
| Name  | Dr. Kishore M   |       |
| Present Address, Mob.No., e-mail id.  | #678, Sri Rama Krupa, 67 <sup>th</sup> cross, Near Blossom School, 1 <sup>st</sup> Stage, Kumaraswamy Layout-560078, Bengaluru.<br>Mob:9901166697<br>kishore@kssem.edu.in   | ---   |
| Age and Date of Birth   | 31 years.27/11/1987   |       |
| Qualification   | BE, M.Tech, Ph.D  |       |
| Designation and Department  | Assistant Professor. Dept of ECE  |       |
| Teaching Experience (After PG)  | 07 years  |       |
| Other Experience (If any)   | One year in polytechnic college   |       |
| List of Subjects Taught till date and percentage pass (use separate sheet if necessary)                         | Basic Electronics<br>Information Theory and coding<br>Linear Integrated circuits<br>Management & Entrepreneurship<br>Power Electronics<br>Digital Switching Systems<br>Principles of Communication Systems                            |       |
| Subjects taught in the Assessment Year and percentage pass (10marks for each x Percentage)                      | 1. Management & Entrepreneurship(5 <sup>TH</sup> SEM)-100% result (2018) - odd sem<br>2.PCS(4 <sup>TH</sup> SEM)-Result awaited<br>3.DSS(6 <sup>th</sup> sem)- Result awaited<br>4.DSS(8 <sup>th</sup> sem) → 100%. [2017] - even sem | 40/40 |
| Details of UG Projects Guided (5 marks/ project guided)   | 1.guided 02 UG batches  | 10/10 |
| Details of PG Projects Guided (5 marks/ project guided)   | In the current year NIL   | 0/10  |
| Additional Inputs given in the class in addition to the syllabus (Give proof and justification) (If applicable) | Discussed and gave various inputs from NPTEL.<br>Conducted quiz related to topics.  | 5/5   |
| Guest / Invited Lectures arranged (2marks /lecture) Max   | NIL   | 0/5   |

|   |  |           |
|---|--|-----------|
| Details of Industrial Visits arranged. (2marks/visit)<br>Max 5 marks.   | NIL  | 0/5       |
| Number of FDPs attended since joining service<br>(Attach Separate List)   | Joined KSSEM from 04/07/2019   | --        |
| Details of students mentored during current assessment year.  | NA   | --        |
| Details of Participation in VTU Bodies (2 Marks)  | NA   | /2        |
| Details on Examination related Activity (2marks each)   | 1. Practical Exams ( done internal & External exam for AC+LIC LAB-4 <sup>th</sup> sem.<br>2. AEC LAB -3 <sup>rd</sup> sem<br>3. Conduction of Theory exams (Invigilation duty carried out)<br>4. Paper Setting-NIL<br>5. Evaluation ( involved in valuation at SVCE COLLEGE)   | 6/8       |
| List of FDPs attended during the Assessment year (5 marks each)<br>(Attach Certificate copies)  | 1) FDP in Entrepreneurship from 13 <sup>th</sup> to 17 <sup>th</sup> October 2018<br>2) FDP IOT and Embedded systems, 22 <sup>nd</sup> to 27 <sup>th</sup> Jan 2018<br>3. workshop on Project based Learning. Jan 13 <sup>th</sup> 2018<br>4. FDP on Digital Image Processing from 8 <sup>th</sup> June to 12 <sup>th</sup> June 2019. | /10<br>10 |
| Financial Assistance received during current year for attending FDPs  | Rs. NIL  | --        |
| Status of Ph.D.<br>[Attach proof for each stage]<br>(This can be claimed only once during a life time after the PhD is awarded)<br>[Attach proof for every claim] | 1. Awarded (2 marks)- AWARDED<br>2. Thesis Submitted and awaiting reports (1 mark)<br>3. Thesis Preparation (2 Mark)<br>4. Experimentation/Data Collection in completed (1 mark)<br>5. Comprehensive viva voce completed (1 mark)<br>6. Appeared for Course work exams (1 mark)<br>7. Applied for registration formalities (1 mark)    | 2/10      |

|  |  |              |
|--|--|--------------|
|  | <p><b>8. Identified Guide/Research Centre and preparing research Proposal ( 1mark.)</b></p> <p><b>9. Not thought of pursuing Ph.D. (zero)</b></p>  |              |
| <p><b>Research Publications: (5 marks each)</b><br/> <b>[Attach copies of Title Page]</b></p>                    | <p><b>1. Implementation and Comparison of Classifiers for different Hyperspectral dataset based on Machine Learning Algorithms. IJET, OCT 2018 Pg no: 3070-3073.</b></p> <p><b>2. Fuel Data Monitoring System, International Journal for Science and Advance Research in Technology, Volume 5, Issue 3, March 2019. ISSN: 2395-1052.</b></p> | <p>10/10</p> |
| <p><b>Seminars / Workshops / Conferences attended (5 Marks each) [Attach Certificate Copies]</b></p>             | <p><b>Enclosed Certificates</b></p>  | <p>5/10</p>  |
| <p><b>Financial Assistance received during current year</b></p>  | <p>Rs.NIL</p>  | <p>--</p>    |
| <p><b>Registered as Research Guide (Reasons for not registering)</b></p>   | <p><b>Not registered since post Phd one year experience needed. Completed Ph.D in April 2019</b></p>   |              |
| <p><b>No. of Research Scholars registered with details</b></p>   | <p>NA</p>  | <p>/5</p>    |
| <p><b>Details of Patents Applied for (If any)</b></p>  | <p>NA</p>  | <p>/5</p>    |
| <p><b>Academic Programs organized and supported during current year. (FDP/Workshop/Seminar / Conference)</b></p> | <p>NA</p>  | <p>/5</p>    |
| <p><b>Details of programs attended for skill development like MOOCs, MOODLES and others</b></p>                  | <p>NA</p>  | <p>/5</p>    |
| <p><b>Details of Utilization of NPTEL and other Online materials for augmenting own lectures.</b></p>            | <p>NA</p>  | <p>/5</p>    |
| <p><b>Details of Project Proposal submitted during the current year. (At least one)</b></p>                      | <p>NA</p>  | <p>/5</p>    |
| <p><b>Details of Project Funds Received.</b></p>   | <p>Rs.NA</p>   | <p>/5</p>    |
| <p><b>Consultancy Revenue Generated</b></p>  | <p>Rs.NA</p>   | <p>/5</p>    |

|   |                                |               |
|---|--------------------------------|---------------|
| Consultancy Revenue Generated   | Rs.NA                          | /5            |
| Details of Participation in cultural events during the current year                       | 1)NA                           | /5            |
| Additional Responsibilities in the Department/ College<br>Example: Head, Coordinator etc. | 1) NA .Joined KSSEM 04/07/2019 | /10           |
| Details of Live Membership for Professional Bodies (IEEE CSI SEA ISTE .....               | NIL                            | /5            |
| Graduation Day Responsibilities.<br>(If any) Please mention your role.                    | NA                             | /5            |
| <b>TOTAL</b>  |                                | <b>88/190</b> |

Date: 17/7/2019

*K. Shere*  
Signature of faculty

*lyra*  
17/7/19

Professor & Head  
Dept. of Electronics & Communication Engineering  
K. S. School of Engineering & Management  
Bangalore-560 109

*K. Rama*  
Dr. K. RAMA NARASIMHA  
Principal/Director  
K S School of Engineering and Management  
Bengaluru - 560 109

## STAFF SELF APPRAISAL REPORT

2018-2019

KSIT/KSSEM

| Field  | Data   | SCORE    |
|--|--|----------|
| Name   | SHALINI SHRAVAN  |          |
| Present Address, Mob.No., e-mail id.   | No.10, 1 <sup>ST</sup> Floor, 3 <sup>RD</sup> Main, 4 <sup>th</sup> Cross, BEML 5 <sup>th</sup> Stage, RR Nagar, Bangalore-98.<br>+918197346348<br>Shalini.shravan@kssem.edu.in  | ---      |
| Age and Date of Birth  | 41 years ,01/07/1978   |          |
| Qualification  | B.E, M.Tech, (Ph.D).   |          |
| Designation and Department   | Assistant Professor,<br>Electronics and Communication  |          |
| Teaching Experience (After PG)   | 10 years   |          |
| Other Experience (If any)  | 1.1 Year - Senior research Fellow in DRDO<br>1.3 Years - Project Trainee in Global Softech,<br>Wipro Infotech  |          |
| List of Subjects Taught till date and percentage pass (use separate sheet if necessary)    | Separate Sheet attached  |          |
| Subjects taught in the Assessment Year and percentage pass (10marks for each x Percentage) | 1.Linear Integrated Circuits -90%<br>2.Basic Electronics -81%<br>3.Engineering Electromagnetics-67%<br>4.Basic Electronics -90.5%  | 32.85/40 |
| Details of UG Projects Guided (5 marks/ project guided)                                    | 1. Design and Implementation of Patient Monitoring System using Steady State Visual Evoked Potential Signal based on LABVIEW.<br>2. Design and Implementation of Driverless Car using ARM.   | 10/10    |
| Details of PG Projects Guided (5 marks/ project guided)                                    | 1. FPGA Implementation of an Efficient 2D 5/3 Lift DWT based Invisible Watermarking technique, Published in IEEE India Conference INDICON, ISBN 978-1-4673-7398-2, Dec 2015, New Delhi.<br>2. Discrete Wavelet Transform Lifting Scheme for Image Compression. | 10/10    |

|  |  |       |
|--|--|-------|
| Additional Inputs given in the class in addition to the syllabus (Give proof and justification if applicable)  | Class tests, MCQS, Quiz, Nptel videos, Revision during Internals   | 5/5   |
| Guest / Invited Lectures arranged (2marks /lecture) Max 5 marks.   | NA   | 0/5   |
| Details of Industrial Visits arranged. (2marks/visit) Max 5 marks.   | NA   | 0/5   |
| Number of FDPs attended since joining service (Attach Separate List)   | Separate Sheet attached  | --    |
| Details of students mentored during current assessment year.   | Details available in Mentor Books Mentored students of 4 <sup>th</sup> sem B sec   | --    |
| Details of Participation in VTU Bodies (2 Marks)   | NA   | 0/2   |
| Details on Examination related Activity (2marks each)  | 1. Practical Exams<br>2. Conduction of Theory exams<br>3. Paper Setting<br>4. Evaluation   | 8/8   |
| List of FDPs attended during the Assessment year (5 marks each) (Attach Certificate copies)  | 1) Attended Short term course on "Sensors and Actuators-Design and Characterization", under the QIP of all India technical council education, Conducted during 6th -10 th May, 2019 at Indian Institute of science, Bangalore.<br>2) Attended Short term course on "Analog Integrated circuits: Fabrication Process and Applications", under the QIP of all India technical council education, Conducted during 13 <sup>th</sup> -17 <sup>th</sup> August, 2018 at Indian Institute of science, Bangalore. | 10/10 |
| Financial Assistance received during current year for attending FDPs   | NIL  | --    |
| Status of Ph.D. [Attach proof for each stage] (This can be claimed only once during a life time after the PhD is awarded) [Attach proof for every claim] | 1. Awarded (2 marks)<br>2. Thesis Submitted and awaiting reports (1 mark)<br>3. Thesis Preparation (2 Mark)<br>4. Experimentation/Data Collection in completed (1 mark)<br>5. Comprehensive viva voce completed (1 mark)   | 8/10  |

|  |  |              |
|--|--|--------------|
|  | <p>6. Appeared for Course work exams (1 mark)</p> <p>7. Applied for registration formalities (1 mark)</p> <p>8. Identified Guide/Research Centre and preparing research Proposal (1mark.)</p> <p>9. Not thought of pursuing Ph.D. (zero)</p>   |              |
| <p>Research Publications: (5 marks each)<br/>[Attach copies of Title Page]</p> | <p>1. Shalini Shravan, Dr. Y R Manjunatha, "Efficient VLSI architecture for advanced orthogonal frequency division multiplexing system for efficient communication", Global Journal of Engineering Science and Researches, ISSN 2348- 8034, September 2018.</p> <p>2. Shalini Shravan, Dr. Y R Manjunatha, "FPGA based Efficient N-Point FFT Architecture using CORDIC for Advanced OFDM " International Journal of Engineering Research and Technology. ISSN 0974-3154 Volume 11, Number 1 (2018), pp. 11-27 © International Research Publication House.</p> <p>3. Shalini Shravan, Dr. Y R Manjunatha, "Efficient reconfigurable architecture for advanced orthogonal frequency division multiplexing transmitter", International Journal of Advanced Computer Research, Vol 8(37) ISSN (Print): 2249-7277 ISSN (Online): 2277-7970, July 2018.</p> <p>4. Shalini Shravan, Dr. Y R Manjunatha, "Performance and Comparison of PAPR based on QAM/PAM modulation techniques in OFDM system", IEEE sponsored 3<sup>rd</sup> International Conference, ICECS 16, ISBN 978-1-4673-7832-1, Feb 2016, Coimbatore.</p> <p>5. Shalini Shravan, Dr. Y R Manjunatha, "Performance of an uplink OFDMA System using Sub carrier allocation", IJAREEIE Vol 4, Issue 12, Dec 2015.</p> <p>6. Harsha K.M, Shalini Shravan, "Design and Implementation of Patient Monitoring System using Steady State Visual Evoked Potential Signal based on LABVIEW", i-manager's Journal on Electronics Engineering, Volume</p> | <p>10/10</p> |

|  |  |       |
|--|--|-------|
|  | 9, Issue 1, Pg 21-26, 2018.  |       |
| Seminars / Workshops / Conferences attended (5 Marks each) [Attach Certificate Copies]             | <ol style="list-style-type: none"> <li>1. One day Workshop on Sonar Signal Processing on 3<sup>rd</sup> Jan 2018 organized by KSSEM.</li> <li>2. New Model Curriculum for first year BE/B.Tech CBCS Delivered status(2018-19) as per outcome based education(OBE) format including course outcomes (CO) and Blooms Taxonomy under TEQIP1.3 held on 14.05.18 at MSRIT, organized by VTU, Belagavi.</li> </ol> | 10/10 |
| Financial Assistance received during current year  | NIL  | --    |
| Registered as Research Guide (Reasons for not registering)   | NA   |       |
| No. of Research Scholars registered with details   | NA   | /5    |
| Details of Patents Applied for (If any)  | NIL  | /5    |
| Academic Programs organized and supported during current year. (FDP/Workshop/Seminar / Conference) | International Conference on applied Engg Science and Management held on October 12 <sup>th</sup> and 13 <sup>th</sup> 2018 in KSSEM  | 5/5   |
| Details of programs attended for skill development like MOOCs, MOODLES and others                  | NA   | 0/5   |
| Details of Utilization of NPTEL and other Online materials for augmenting own lectures.            | NPTEL video lectures and You tube lectures<br>Onlinecourses.nptel.ac.in/noc18_ee12   | 5/5   |
| Details of Project Proposal submitted during the current year. (At least one)                      | NIL  | 0/5   |
| Details of Project Funds Received.   | Rs. NIL  | 0/5   |
| Consultancy Revenue Generated  | Rs. NIL  | 0/5   |
| Details of Participation in cultural events during the current year                                | <ol style="list-style-type: none"> <li>1) Throwball runners</li> <li>2) Shotput winner</li> <li>3) Disk throw winner</li> <li>4) Slow biking winner</li> <li>5) Tug of war runners</li> </ol>  | 5/5   |



|   |   |                   |
|---|---|-------------------|
| <p>Additional Responsibilities in the Department/ College<br/>Example: Head, Coordinator etc.</p> | <p>1)Internal Test Co-ordinator and its LIC file<br/>2)Internal attendance and marks Co-ordinator and its LIC file<br/>3)Class Teacher<br/>4)NAAC Criteria-2 Co-ordinator<br/>5)Anti-ragging Committee Co-ordinator<br/>6)Mentor<br/>7)Blue Books Verification before LIC inspection<br/>8)Stock Verification<br/>9)Certificate preparation for all the dept in 2015 during first Year Inauguration<br/>10)Certificate Preparation for Dept of ECE in 2016 during First Year Inauguration</p> | <p>10/10</p>      |
| <p>Details of Live Membership for Professional Bodies (IEEE CSI SEA ISTE .....</p>                | <p>ISTE LM94785</p>   | <p>5/5</p>        |
| <p>Graduation Day Responsibilities. (If any) Please mention your role.</p>                        | <p>Disciplinary Committee</p>   | <p>5/5</p>        |
| <p>TOTAL</p>  |   | <p>138.85/190</p> |

Date: 16/7/19

*Shalini J*  
Signature of faculty

*16/7/19*  
Professor & Head  
Dept. of Electronics & Communication Engineering  
K. S. School of Engineering & Management  
Bangalore-560 109

*K. Rama*  
Dr. K. RAMA NARASIMHA  
Principal/Director  
K S School of Engineering and Management  
Bangaluru - 560 109

**STAFF SELF APPRAISAL REPORT****2018-2019****KSIT/KSSEM**

| Field  | Data   | SCORE           |
|--|--|-----------------|
| <b>Name</b>  | <b>Ravikiran B. A.</b>   |                 |
| <b>Present Address, Mob.No., e-mail id.</b>  | #16/1, 2 <sup>nd</sup> Cross, Tata Silk Farm,<br>Basavanagudi, Bangalore – 560004<br><b>Mobile:</b> 8970450092<br><b>Email:</b> ravikiran.ba@kssem.edu.in  | ---             |
| <b>Age and Date of Birth</b>   | <b>Age:</b> 35 <b>DoB:</b> 31/07/1983  |                 |
| <b>Qualification</b>   | B.E., M.S.   |                 |
| <b>Designation and Department</b>  | Assistant Professor, Electronics and<br>Communication Engineering  |                 |
| <b>Teaching Experience (After PG)</b>  | 8.5 Years  |                 |
| <b>Other Experience(If any)</b>  | Worked as DSP Engineer for 0.5 Years   |                 |
| <b>List of Subjects Taught till date and percentage pass (use separate sheet if necessary)</b>         | Separate Sheet Attached  |                 |
| <b>Subjects taught in the Assessment Year and percentage pass (10marks for each x Percentage)</b>      | 1. Multimedia Communications (100%)<br>2. Signals and Systems (53.2%)<br>3. Digital Signal Processing (90.2%)<br>4. DSP Algorithms & Architecture (P) (100%)   | <b>34.34/40</b> |
| <b>Details of UG Projects Guided (5 marks/ project guided)</b>   | 1. Design and Implementation of LabVIEW based system for Early detection of Atherosclerosis using PPG signals (2017-18)<br>2. Design and Implementation of Vision-Based Navigation for an Autonomous RC Vehicle using Raspberry Pi (2017-18)<br>3. Design and Implementation of a Smart Glove using ESP32 for Gesture Recognition Applications (2018-19) | <b>10/10</b>    |
| <b>Details of PG Projects Guided (5 marks/ project guided)</b>   | 1. NA<br>2. NA   | <b>0/10</b>     |
| <b>Additional Inputs given in the class in addition to the syllabus (Give proof and justification)</b> | <b>NA</b>  | <b>0/5</b>      |

|  |   |       |
|--|---|-------|
| (If applicable)  |   |       |
| Guest / Invited Lectures arranged (2marks /lecture) Max 5 marks.   | NA  | 0/5   |
| Details of Industrial Visits arranged. (2marks/visit) Max 5 marks.   | NA  | 0/5   |
| Number of FDPs attended since joining service (Attach Separate List)   | List Attached   | --    |
| Details of students mentored during current assessment year.   | Mentored 14 Students of 6 <sup>th</sup> Semester A Section.   | --    |
| Details of Participation in VTU Bodies (2 Marks)   | NA  | 0/2   |
| Details on Examination related Activity (2marks each)  | <ol style="list-style-type: none"> <li>1. Practical Exams (Lab Internal and External Examiner)</li> <li>2. Conduction of Theory exams (Invigilator, Relieving Superintendent)</li> <li>3. Paper Setting (None)</li> <li>4. Evaluation (None)</li> </ol>   | 4/8   |
| List of FDPs attended during the Assessment year (5 marks each) (Attach Certificate copies)  | <ol style="list-style-type: none"> <li>1) Attending Short Term Course on Data Analytics from 22-26 July 2019 at IISc, Bangalore</li> <li>2) Attended MATLAB Expo – 2019 on 25 April 2019. No Certificate was issued.</li> </ol>   | 10/10 |
| Financial Assistance received during current year for attending FDPs   | Rs. 0   | --    |
| Status of Ph.D. [Attach proof for each stage] (This can be claimed only once during a life time after the PhD is awarded) [Attach proof for every claim] | <ol style="list-style-type: none"> <li>1. Awarded (2 marks)</li> <li>2. Thesis Submitted and awaiting reports (1 mark)</li> <li>3. Thesis Preparation (2 Mark)</li> <li>4. Experimentation/Data Collection in completed (1 mark)</li> <li>5. Comprehensive viva voce completed (1 mark)</li> <li>6. Appeared for Course work exams (1 mark)</li> <li>7. Applied for registration formalities (1 mark)</li> <li>8. Identified Guide/Research Centre and preparing research Proposal (1 mark.)</li> </ol> | 0/10  |

|   |   |       |
|---|---|-------|
|   | 9. Not thought of pursuing Ph.D.<br>(zero)  |       |
| Research Publications: (5 marks each)<br>[Attach copies of Title Page]                                | 1. -<br>2. -  | 0/10  |
| Seminars / Workshops / Conferences attended (5 Marks each) [Attach Certificate Copies]                | 1. One Day Workshop on Sonar Signal Processing on 3 <sup>rd</sup> Feb 2018, at KSSEM.<br>2. Expert Talk on Cybersecurity, organized by BITES at BNMIT, Bangalore, on 27 <sup>th</sup> June 2019   | 10/10 |
| Financial Assistance received during current year   | Rs.0  | --    |
| Registered as Research Guide (Reasons for not registering)  | Yes/ No   |       |
| No. of Research Scholars registered with details  | NA  | 0/5   |
| Details of Patents Applied for (If any)   | None  | 0/5   |
| Academic Programs organized and supported during current year.<br>(FDP/Workshop/Seminar / Conference) | <ul style="list-style-type: none"> <li>Co-ordinated 2-Day workshop on <i>Embedded Systems for IoT Applications</i> on 25-26 June 2019</li> <li>Conducted a 2-Day workshop on Introduction to MATLAB and Applications in Numerical Methods, for Civil Engineering Department, KSSEM</li> </ul> | 5/5   |
| Details of programs attended for skill development like MOOCs, MOODLES and others                     | <ul style="list-style-type: none"> <li>Completed a MOOC on "Machine Learning" conducted by Stanford University in 2013</li> <li>Currently enrolled in a 6-month MOOC on "A First Course in Deep Learning", conducted by One Fourth Labs, IIT Chennai</li> </ul>                               | 5/5   |
| Details of Utilization of NPTEL and other Online materials for augmenting own lectures.               | Provided NPTEL videos on Signals & Systems and Digital Signal Processing to students for augmenting curricular learning   | 5/5   |
| Details of Project Proposal submitted during the current year. (At least one)                         | None  | 0/5   |
| Details of Project Funds Received.  | Rs.0  | 0/5   |
| Consultancy Revenue Generated   | Rs.0  | 0/5   |

|   |  |                   |
|---|--|-------------------|
| <b>Details of Participation in cultural events during the current year</b>                        | 1) Participated in Dumb Charades for Faculty during Aarohana 2019<br>2) Participated in Cooking for Faculty during Aarohana 2019<br>3) Part of Disciplinary Committee during Aarohana 2019 | 5/5               |
| <b>Additional Responsibilities in the Department/ College<br/>Example: Head, Coordinator etc.</b> | 1) AISHE and NIRF Co-ordinator for the college<br>2) UG Project Co-ordinator (2017-18), Proctor Co-ordinator (2018-19)<br>3) Class Teacher (4 <sup>th</sup> ECE 'A') (2018-19)             | 10                |
| <b>Details of Live Membership for Professional Bodies (IEEE CSI SEA ISTE .....</b>                | IEEE Member (No. 80695567)<br>ISTE Member (LM-94780)   | 5/5               |
| <b>Graduation Day Responsibilities. (If any) Please mention your role.</b>                        | Disciplinary Committee, Food Committee   | 5/5               |
| <b>TOTAL</b>  |  | <b>108.34/190</b> |

Date: 16/07/2019

*BARU*  
Signature of faculty

*hm*  
16/7/19  
Professor & Head  
Dept. of Electronics & Communication Engineering  
K. S. School of Engineering & Management  
Bangalore-560 109

*K. Rama*  
Dr. K. RAMA NARASIMHA  
Principal/Director  
K S School of Engineering and Management  
Bangaluru - 560 109

**STAFF SELF APPRAISAL REPORT****2018-2019****KSSEM**

| Field   | Data  | SCORE    |
|---|---|----------|
| Name  | Puneeth S   |          |
| Present Address   | #609, Santhrupthi, 8 <sup>th</sup> Main, 9 <sup>th</sup> Cross,<br>Narayan Nagar 3 <sup>rd</sup> Block, Doddakalasandra,<br>Bengaluru-560062  |          |
| Mob.No  | 9164812059  |          |
| e-mail id.  | Puneeth.s@kssem.edu.in  | ---      |
| Age and Date of Birth   | Age:32 DOB: 23/02/1987  |          |
| Qualification   | M.Tech  |          |
| Designation and Department  | Assistant Professor, ECE  |          |
| Teaching Experience (After PG)  | 7 years   |          |
| Other Experience(If any)  | Nil   |          |
| List of Subjects Taught till date and percentage pass (use separate sheet if necessary)                         | Separate Sheet is attached  |          |
| Subjects taught in the Assessment Year and percentage pass (10marks for each x Percentage)                      | 1. Microwave and Antennas (90 %)<br>2. Engineering Electromagnetics (81.6 %)<br>3. Signals and System (53.2%)<br>4. LIC and CCN Lab (100%)  | 32.48/30 |
| Details of UG Projects Guided (5 marks/ project guided)   | 1.Design and Optimization of IP based Communication Network using CISCO PACKET Tracer<br>2.Design and Implementation of an Autonomous Vehicle with Lane Detection, Speed Control and Emergency Alert System<br>3. Development of IOT based Remote monitoring System for Air and Water Pollutants in Industrial Environment. | 10/10    |
| Details of PG Projects Guided (5 marks/ project guided)   | Nil   | 0/10     |
| Additional Inputs given in the class in addition to the syllabus (Give proof and justification) (If applicable) | Nil   | 0/5      |
| Guest / Invited Lectures arranged (2marks /lecture) Max 5 marks.  | Technical Talk on " Software Testing"   | 2/5      |

|   |   |       |
|---|---|-------|
| Details of Industrial Visits arranged. (2marks/visit)<br>Max 5 marks.   | Nil   | 0/5   |
| Number of FDPs attended since joining service<br>(Attach Separate List)   | Separate Sheet is attached  | --    |
| Details of students mentored during current assessment year.  | Mentored 3 <sup>rd</sup> and 4 <sup>th</sup> A sec students-25 students   | --    |
| Details of Participation in VTU Bodies (2 Marks)  | Nil   | 0/2   |
| Details on Examination related Activity (2marks each)   | 1. Practical Exams(Internal and External Examiner)<br>2. Conduction of Theory exams(Invigilator and Reliever)<br>3. Paper Setting (VTU QP Setter)<br>4. Evaluation              | 8/8   |
| List of FDPs attended during the Assessment year (5 marks each)<br>(Attach Certificate copies)  | 1) FDP on Design for Test using Mentor Tessent Tool Suite   | 5/10  |
| Financial Assistance received during current year for attending FDPs  | Rs.1000   | --    |
| Status of Ph.D.<br>[Attach proof for each stage]<br>(This can be claimed only once during a life time after the PhD is awarded)<br>[Attach proof for every claim] | 1. Appeared for Course work exams (1 mark)<br>2. Applied for registration formalities (1 mark)<br>3. Identified Guide/Research Centre and preparing research Proposal ( 1mark.) | 3/10  |
| Research Publications: (5 marks each) [Attach copies of Title Page]   | 1. Design and Implementation of IP based Communication Network using CISCO Packet Tracer  | 5/10  |
| Seminars / Workshops / Conferences attended (5 Marks each) [Attach Certificate Copies]  | 1. One Day Workshop on Sonar Signal Processing<br>2. Coordinator Workshop on SCILAB<br>3. Coordinator Workshop on Python  | 10/10 |
| Financial Assistance received during current year   | Rs. 0   | --    |
| Registered as Research Guide (Reasons for not registering)  | No  |       |
| No. of Research Scholars  | Nil   | 0/5   |


|   |  |     |
|---|--|-----|
| Registered with details   |  |     |
| Details of Patents Applied for (If any)   | Nil  | 0/5 |
| Academic Programs organized and supported during current year.<br>(FDP/Workshop/Seminar / Conference) | Four Day Work Shop on Cross Platform for Mobile App Development (CPMA)<br>(18/2/2019 to 21/2/2019)   | 5/5 |
| Details of programs attended for skill development like MOOCs, MOODLES and others                     | Others: National Mission on Education through ICT<br>1. SCI Lab<br>2. Python   | 5/5 |
| Details of Utilization of NPTEL and other Online materials for augmenting own lectures.               | <u>NPTEL Courses</u><br>1. Microwave Theory and techniques<br>2. Estimation for Wireless communications-MIMO/OFDM Cellular and sensor Networks   | 5/5 |
| Details of Project Proposal submitted during the current year. (At least one)                         | <u>42<sup>nd</sup> series KSCST project Proposal</u><br>IOT based Remote Monitoring system for air and Water Pollutants of industrial Environment  | 5/5 |
| Details of Project Funds Received.  | Rs.0   | 0/5 |
| Consultancy Revenue Generated   | Rs.0   | 0/5 |
| Details of Participation in cultural events during the current year                                   | Nil  | 0/5 |
| Additional Responsibilities in the Department/ College<br>Example: Head, Coordinator etc.             | 1) KSCST-SPP Coordinator<br>2) Placement Coordinator in Department<br>3) NAAC criteria 5 Coordinator in Department   | 10  |
| Details of Live Membership for Professional Bodies (IEEE CSI SEA ISTE .....)                          | 1. Life Time member of "The Indian Society for Technical Education (ISTE)"-LM87422<br>2. Associate Member of "The Institution of Engineers (India)" – AMI584394<br>3. Member "International Association of Engineers (IAENG)" – 223529<br>4. Member " The Society of Digital Information and Wireless Communications (SDIWC)-22508 | 5/5 |



|                                 |  |            |
|---------------------------------|--|------------|
| Graduation Day Responsibilities | Souvenir In charge, Disciplinary committee, Food Committee | 5/5        |
| TOTAL                           |  | 115.48/190 |

Date: 16/7/2019

  
Signature of faculty

  
16/7/19

601 0955 109  
 Professor & Head  
 Department of Electronics & Communication Engineering  
 School of Engineering & Management  
 Dept. of Electrical Engineering & Management  
 K.S. School of Engineering & Management  
 Bengaluru - 560 109

  
 Dr. K. RAMA NARASIMHA  
 Principal/Director  
 K S School of Engineering and Management  
 Bengaluru - 560 109

**STAFF SELF APPRAISAL REPORT****2018-2019****KSIT/KSSEM**

| Field  | Data   | SCORE    |
|--|--|----------|
| Name   | Renuka V Tali  |          |
| Present Address,<br>Mob.No., e-mail id.  | #201, Murari Orchids, BSK 6 <sup>th</sup> Stage, Bengaluru 60,<br>9164662926, renuka.v.tali@kssem.edu.in   |          |
| Age and Date of Birth  | 37 years, 29/06/1982   |          |
| Qualification  | M.Tech (DC)  |          |
| Designation and<br>Department  | Assistant Professor, ECE   | ---      |
| Teaching Experience<br>(After PG)  | 6 Years  |          |
| Other Experience(If any)   | 3 years after B.E  |          |
| List of Subjects Taught till<br>date and percentage pass<br>(use separate sheet if<br>necessary)         | BE(3), IP(4), LD(2), MP(5), MMC(1), EI(2), GSM(1),<br>HDL(1), DSDV(2), RTS(1) =10 SUBJECTS   |          |
| Subjects taught in the<br>Assessment Year and<br>percentage pass<br>(10marks for each x<br>Percentage)   | 2018(EVEN)<br>1. DSDV (A)=95<br>2.DSDV(B)=97.3<br>2018(ODD)<br>3.RTS=100<br>4.IP(PB)=100<br>2019(ODD)<br>MP=AWAITING<br>DSDV=AWAITING                                  | 39.23/40 |
| Details of UG Projects<br>Guided<br>(5 marks/ project guided)  | 1. Design and Implementation of IoT based Digital<br>Water Supply Management and Billing System.<br>2. Design and Implementation of Smart Energy<br>Management System. | 10/10    |
| Details of PG Projects<br>Guided<br>(5 marks/ project guided)  | 1.<br>2.   | /10      |
| Additional Inputs given in<br>the class in addition to<br>the syllabus (Give proof<br>and justification) |  | /5       |

|  |  |      |
|--|--|------|
| (If applicable)  |  |      |
| Guest / Invited Lectures arranged (2marks /lecture) Max 5 marks.   |  | /5   |
| Details of Industrial Visits arranged. (2marks/visit) Max 5 marks.   |  | /5   |
| Number of FDPs attended since joining service (Attach Separate List)   | 5  | --   |
| Details of students mentored during current assessment year.   | 16 students of 2015 batch  | --   |
| Details of Participation in VTU Bodies (2 Marks)   |  | /2   |
| Details on Examination related Activity (2marks each)  | <ol style="list-style-type: none"> <li>1. Practical Exams- HDL and MP LAB Externals</li> <li>2. Conduction of Theory exams- 15 Invigilation duties</li> <li>3. Paper Setting-nil</li> <li>4. Evaluation-MP, RTS, HDL Theory Subjects</li> </ol>  | 6/8  |
| List of FDPs attended during the Assessment year (5 marks each) (Attach Certificate copies)  | <ol style="list-style-type: none"> <li>1) "Aspects of Effective Programming and Research" from 16<sup>th</sup> to 18<sup>th</sup> Jan 2019 at KSSEM organized by KSG in association with KSIT IEEE SB.</li> <li>2)</li> </ol>  | 5/10 |
| Financial Assistance received during current year for attending FDPs   |  | --   |
| Status of Ph.D. [Attach proof for each stage] (This can be claimed only once during a life time after the PhD is awarded) [Attach proof for every claim] | <ol style="list-style-type: none"> <li>1. Awarded (2 marks)</li> <li>2. Thesis Submitted and awaiting reports (1 mark)</li> <li>3. Thesis Preparation (2 Mark)</li> <li>4. Experimentation/Data Collection in completed (1 mark)-yes</li> <li>5. Comprehensive viva voce completed (1 mark)</li> <li>6. Appeared for Course work exams (1 mark)-yes</li> <li>7. Applied for registration formalities (1 mark)-yes</li> <li>8. Identified Guide/Research Centre and preparing research Proposal (1mark.)-yes</li> </ol> | 4/10 |

|  |  |       |
|--|--|-------|
|  | <b>9. Not thought of pursuing Ph.D. (zero)</b>   |       |
| Research Publications: (5 marks each)<br>[Attach copies of Title Page]                             | <p>1. "Design and Implementation of Asset Management using Deep Learning", in International Journal of Pure and Applied Mathematics (Scopus Indexed), Volume 119, No 14, 2018, 49-57, 2018.</p> <p>2. "An Efficient Real Time Arrhythmia Detector Model using Lab view" in IJPAM, Volume 119, No 14, 79-85, 2018.</p>  | 10/10 |
| Seminars / Workshops / Conferences attended (5 Marks each) [Attach Certificate Copies]             | <p>1. Workshop on Sonar Signal Processing</p> <p>2. 6 day Workshop on Machine Learning</p>   | 10/10 |
| Financial Assistance received during current year  | Rs 800/-   | --    |
| Registered as Research Guide (Reasons for not registering)   | No Pursuing Research   |       |
| No. of Research Scholars registered with details   |  | /5    |
| Details of Patents Applied for (If any)  |  | /5    |
| Academic Programs organized and supported during current year. (FDP/Workshop/Seminar / Conference) | <p>1. Coordinated Two day Workshop on "Embedded Systems for IoT Applications" sponsored by BITES during 25<sup>th</sup> and 26<sup>th</sup> March 2019 at KSSEM.</p> <p>2. Coordinated in conduction of International Conference on Applied Engineering Sciences and Management, organized by KSSEM on 12<sup>th</sup> and 13<sup>th</sup> 2018.</p>                           | 5/5   |
| Details of programs attended for skill development like MOOCs, MOODLES and others                  | Others:<br>Teaching Learning Centre-IIT Bombay.<br>Workshop on Scilab<br>Workshop on python  | 5/5   |
| Details of Utilization of NPTEL and other Online materials for augmenting own lectures.            | NPTEL online course-Introduction to Machine learning<br><a href="https://www.youtube.com/watch?v=GapijO_8Kuk-MP">https://www.youtube.com/watch?v=GapijO_8Kuk-MP</a><br><a href="https://www.youtube.com/watch?v=FWE0-FOoE4s&amp;list=PLUtfVcb-iqn-EkuBs3arreilxa2UKIChl-DSDV">https://www.youtube.com/watch?v=FWE0-FOoE4s&amp;list=PLUtfVcb-iqn-EkuBs3arreilxa2UKIChl-DSDV</a> | 5/5   |
| Details of Project Proposal submitted during the current year.                                     |  | /5    |

|   |  |            |
|---|--|------------|
| (At least one)  |  |            |
| Details of Project Funds Received.  | Rs.  | /5         |
| Consultancy Revenue Generated   | Rs.  | /5         |
| Details of Participation in cultural events during the current year                       | 1) Cooking without fire<br>2) Disc Throw<br>3) Prayer Song   | 5/5        |
| Additional Responsibilities in the Department/ College<br>Example: Head, Coordinator etc. | 1)Criteria 5 coordinator (3 semesters)<br>2)Department Calendar of Events in charge( 3 semesters)<br>3)Time Table Coordinator(2018 odd)<br>4)Project Coordinator(2018 odd)<br>5)MP Lab In charge (2019 even)<br>6) Maintenance of LIC file | 10/10      |
| Details of Live Membership for Professional Bodies (IEEE CSI SEA ISTE .....               | Life Member of ISTE-LM94789  | 5/5        |
| Graduation Day Responsibilities.<br>(If any) Please mention your role.                    |  | /5         |
| TOTAL   |  | 119.23/190 |

Date: 16/07/2019

*[Signature]*  
16/7/19  
Signature of faculty

*[Signature]*  
16/7/19  
**Professor & Head**  
Dept. of Electronics & Communication Engineering  
K. S. School of Engineering & Management  
Bangalore-560 109

*[Signature]*  
**Dr. K. RAMA NARASIMHA**  
Principal/Director  
K S School of Engineering and Management  
Bangalore - 560 109

**STAFF SELF APPRAISAL REPORT****2018-2019****KSIT/KSSEM**

| Field   | Data   | SCORE       |
|---|--|-------------|
| Name  | Gunasheela T J   |             |
| Present Address,<br>Mob.No., e-mail id.   | #1323; 2 <sup>nd</sup> cross ;4 <sup>th</sup> main; 1 <sup>st</sup> phase; BEML 5 <sup>th</sup> stage;RR<br>Nagar,Bangalore-560098   | ---         |
| Age and Date of<br>Birth  | 33, 29/06/1986   |             |
| Qualification   | BE,M.Tech,Registered for Ph.D in 2019  |             |
| Designation and<br>Department   | Assistant Professor, ECE   |             |
| Teaching Experience<br>(After PG)   | 6 years  |             |
| Other Experience(If<br>any)   | 2 years from 2010 August to August 2012<br><i>as a lecturer in city Engineering college</i>  |             |
| List of Subjects<br>Taught till date and<br>percentage pass (use<br>separate sheet if<br>necessary)       | The document is attached behind.   |             |
| Subjects taught in<br>the Assessment<br>Year and percentage<br>pass<br>(10marks for each x<br>Percentage) | 2018(even-Feb-July):<br>1. Network Security-8 <sup>th</sup> B – 100%<br>2.Digital Communication – 6 <sup>th</sup> A-97.14%<br>3.Management and Entrepreneurship-5 <sup>th</sup> A-100%<br>4. Management and Entrepreneurship-5 <sup>th</sup> B-97.8%<br>2019(Feb-July-Even sem)<br>1. Wireless Cellular and LTE 4G Broad Band – 97.5%<br>2. Principles of Communication Systems – 4 <sup>th</sup> A - Awaiting | 39.4/<br>40 |

|   |  |       |
|---|--|-------|
| Details of UG Projects Guided (5 marks/ project guided)   | <ol style="list-style-type: none"> <li>1. Implementation of Automated Sericulture Farm Using Sensors and GSM Technology.</li> <li>2. Implementation of Biometric Based and Aadhaar Linked Electronic Voting Machine for Migrated People.</li> </ol>                                      | 10/10 |
| Details of PG Projects Guided (5 marks/ project guided)   | <ol style="list-style-type: none"> <li>1. NIL</li> <li>2.</li> </ol>   | /10   |
| Additional Inputs given in the class in addition to the syllabus (Give proof and justification) (If applicable) |  | /5    |
| Guest / Invited Lectures arranged (2marks /lecture) Max 5 marks.  | NIL  | /5    |
| Details of Industrial Visits arranged. (2marks/visit) Max 5 marks.  | NIL  | /5    |
| Number of FDPs attended since joining service (Attach Separate List)  | 7 FDP's  | --    |
| Details of students mentored during current assessment year.  | Students of 4 <sup>th</sup> semester B section.<br>No. of Students-17  | --    |
| Details of Participation in VTU Bodies (2 Marks)  | Nil  | /2    |
| Details on Examination related Activity (2marks each)   | <ol style="list-style-type: none"> <li>1. Practical Exams - was an internal and external Lab examiner</li> <li>2. Conduction of Theory exams- have done invigilation duties</li> <li>3. Paper Setting- No</li> <li>4. Evaluation – have done evaluation in previous semesters</li> </ol> | 6/8   |
| List of FDPs attended during the Assessment year (5   | <ol style="list-style-type: none"> <li>1. FDP on Aspects of Effective Programming and Research on 16<sup>th</sup> to 18<sup>th</sup> Jan 2019.</li> </ol>  | 5/10  |

|   |   |       |
|---|---|-------|
| marks each)<br>(Attach Certificate copies)  |   |       |
| Financial Assistance received during current year for attending FDPs  | Rs. 400/-   | --    |
| Status of Ph.D.<br>[Attach proof for each stage]<br>(This can be claimed only once during a life time after the PhD is awarded)<br>[Attach proof for every claim] | <ol style="list-style-type: none"> <li>1. Awarded (2 marks)</li> <li>2. Thesis Submitted and awaiting reports (1 mark)</li> <li>3. Thesis Preparation (2 Mark)</li> <li>4. Experimentation/Data Collection in completed (1 mark)</li> <li>5. Comprehensive viva voce completed (1 mark)</li> <li>6. Appeared for Course work exams (1 mark)</li> <li>7. Applied for registration formalities (1 mark) – yes in 2019</li> <li>8. Identified Guide/Research Centre and preparing research Proposal (1mark.) - Yes</li> <li>9. Not thought of pursuing Ph.D. (zero)</li> </ol> | 2/10  |
| Research Publications: (5 marks each)<br>[Attach copies of Title Page]  | <ol style="list-style-type: none"> <li>1. "IMPLEMENTATION OF SERICULTURE FARM AUTOMATION USING SENSOR NETWORK AND GSM TECHNOLOGY, International Journal of Pure and Applied Mathematics, ISSN - 1311-8080, Volume 119, No. 14, pp-13-20,2018.</li> <li>2. "AN EFFICIENT REAL TIME ARRHYTHMIA DETECTOR MODEL USING LABVIEW", International Journal of Pure and Applied Mathematics, ISSN- 1311-8080, Volume 119, No. 14, pp-79-85,2018.</li> </ol>   | 10/10 |
| Seminars / Workshops / Conferences attended (5 Marks each) [Attach Certificate Copies]  | <ol style="list-style-type: none"> <li>1. Work shop on Silab</li> <li>2. Attended international Conference on Applied Engineering Sciences and Management on 12<sup>th</sup> and 13<sup>th</sup> October 2018 at KSSEM.</li> </ol>  | 10/10 |
| Financial Assistance received during current year   | Rs.400/-  | --    |
| Registered as Research Guide<br>(Reasons for not  | No  |       |



|  |  |     |
|--|--|-----|
| registering)   |  |     |
| No. of Research Scholars registered with details   | Nil  | /5  |
| Details of Patents Applied for (If any)  | Nil  | /5  |
| Academic Programs organized and supported during current year. (FDP/Workshop/Seminar / Conference) | <ul style="list-style-type: none"> <li>Supported International Conference On applied Engineering Sciences and Mangement at KSSEM conducted on 12<sup>th</sup> and 13<sup>th</sup> of October 2018.</li> </ul>  | 5/5 |
| Details of programs attended for skill development like MOOCs, MOODLES and others                  | Attended Silab Workshop on 4 <sup>th</sup> may 2019 organised by Teaching Learning Center(ICT) funded by NMTT.   | 5/5 |
| Details of Utilization of NPTEL and other Online materials for augmenting own lectures.            | <ol style="list-style-type: none"> <li><a href="http://iaear.weebly.com/uploads/2/6/2/5/26257106/ba7101 - principles of management.pdf">http://iaear.weebly.com/uploads/2/6/2/5/26257106/ba7101 - principles of management.pdf</a></li> <li><a href="https://nptel.ac.in/courses/122106031/Pdfs/1_1.pdf">https://nptel.ac.in/courses/122106031/Pdfs/1_1.pdf</a></li> <li>Google searches to understand some topics.</li> </ol> | 5/5 |
| Details of Project Proposal submitted during the current year. (At least one)                      | <ol style="list-style-type: none"> <li>Had Submitted a Proposal for KSCST on the title "Implementation of Biometric Based and Aadhaar Linked Electronic Voting Machine for Migrated People" in 2018-19.</li> </ol>   | 5/5 |
| Details of Project Funds Received.   | Rs.  | /5  |
| Consultancy Revenue Generated  | Rs.  | /5  |
| Details of Participation in cultural events during the current year                                | <ol style="list-style-type: none"> <li>Was a coordinator for 1<sup>st</sup> year inauguration function 2018.</li> <li>Organized Pictionary Competition at Arohana 2019</li> <li>Actively Participated in Indoor and Outdoor Games for Arohana 2019 like Carom, Badminton etc.</li> </ol>   | 5/5 |
| Additional Responsibilities in the Department/   | <ol style="list-style-type: none"> <li>Member of NACC Criteria 3.</li> <li>Result analysis File for LIC and Department</li> </ol>  | 10  |

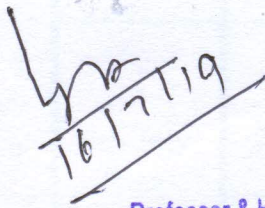
|  |   |                   |
|--|---|-------------------|
| College<br>Example: Head,<br>Coordinator etc.  | 3) Publication File for LIC and Department<br><br>4) Class teacher for 8 <sup>th</sup> B section. |                   |
| Details of Live<br>Membership for<br>Professional Bodies<br>(IEEE CSI SEA ISTE<br>.....) | THE INDIAN SOCIETY FOR TECHNICAL EDUCATION – LM 94791   | 5/5               |
| Graduation Day<br>Responsibilities.<br>(If any) Please<br>mention your role.             | Was in Certificate preparation committee  | 5/5               |
| TOTAL  |   | 127.4<br>/<br>190 |



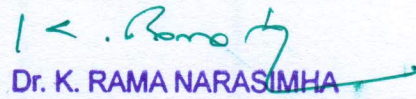
Signature of the Faculty

16/7/2019

Date



Professor & Head  
Dept. of Electronics & Communication Engineering  
K. S. School of Engineering & Management  
Bangalore-560 109



Dr. K. RAMA NARASIMHA  
Principal/Director  
K S School of Engineering and Management  
Bengaluru - 560 109

KAMMAVARI SANGHAM GROUP OF INSTITUTIONS

**STAFF SELF APPRAISAL REPORT**

**2018-2019**

**KSIT/KSSEM**

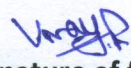
| Field   | Data   | SCORE                   |
|---|--|-------------------------|
| Name  | <b>VINAY R</b>   |                         |
| Present Address, Mob No., e-mail id.  | 37, opp. Vishnu Enclave, Sneha Colony<br>Chikkalasandra, Bnagalore-560061<br><b>Mob:</b> 9739857440<br><b>Mail Id:</b> vinay.r@kssem.edu.in                                | ---                     |
| Age and Date of Birth   | <b>Age:</b> 30 Years <b>DOB:</b> 14/11/1988  |                         |
| Qualification   | <b>B.E, MTech</b>  |                         |
| Designation and Department  | Assistant Professor, Department of<br>Electronics and Communication Engineering  |                         |
| Teaching Experience (After PG)  | 6 Years  |                         |
| Other Experience (If any)   | Nil  | Separate Sheet Attached |
| List of Subjects Taught till date and percentage pass (use separate sheet if necessary)                         |  |                         |
| Subjects taught in the Assessment Year and percentage pass (10marks for each x Percentage)                      | 1. Analog Electronics A Section (76)<br>2. Analog Electronics B Section (77)<br>3. Linear Integrated Circuits A Section(85)  |                         |
| Details of UG Projects Guided (5 marks/ project guided)   | 1. Design and Implementation of Smart Mirror using Raspberry pi (2018-19)<br>2. Design and Implementation of Automatic Gun Turret System using OpenCV and Python (2017-18) | 10/10                   |
| Details of PG Projects Guided (5 marks/ project guided)   | 1. NA<br>2. NA   | 0/10                    |
| Additional Inputs given in the class in addition to the syllabus (Give proof and justification) (If applicable) | NA   | 0/5                     |
| Guest / Invited Lectures arranged (2marks /lecture) Max 5 marks.  | NA   | 0/5                     |
| Details of Industrial Visits arranged. (2marks/visit)   | NA   | 0/5                     |

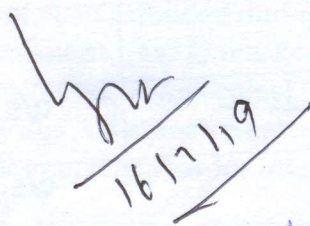
|   |  |      |
|---|--|------|
| <b>Max 5 marks.</b>   |  |      |
| <b>Number of FDPs attended since joining service<br/>(Attach Separate List)</b>   | List Attached  | --   |
| <b>Details of students mentored during current assessment year.</b>   | Discussed regarding the areas of improvement and other issues (if any) after each IA test with the students from USN : 1KG17EC071 – 1KG17EC090   | --   |
| <b>Details of Participation in VTU Bodies (2 Marks)</b>   | NA   | 0/2  |
| <b>Details on Examination related Activity (2marks each)</b>  | 1. Practical Exams –17ECL48 (VTU Lab Exams)<br>2. Conduction of Theory exams - Invigilation<br>3. Paper Setting – LICA for 4 <sup>th</sup> Semester DSCE (Autonomous college)<br>4. Evaluation - 17EC45 (VTU)  | 8/8  |
| <b>List of FDPs attended during the Assessment year (5 marks each)<br/>(Attach Certificate copies)</b>  | 1) Attended FDP on “Aspects of Effective Programming and Research” from 16 <sup>th</sup> – 18 <sup>th</sup> January 2019 at KSSEM.   | 5/10 |
| <b>Financial Assistance received during current year for attending FDPs</b>   | Rs. 0  | --   |
| <b>Status of Ph.D.<br/>[Attach proof for each stage]<br/>(This can be claimed only once during a life time after the PhD is awarded)<br/>[Attach proof for every claim]</b> | <ol style="list-style-type: none"> <li>1. Awarded (2 marks)</li> <li>2. Thesis Submitted and awaiting reports (1 mark)</li> <li>3. Thesis Preparation (2 Mark)</li> <li>4. Experimentation/Data Collection in completed (1 mark)</li> <li>5. Comprehensive viva voce completed (1 mark)</li> <li>6. Appeared for Course work exams (1 mark)</li> <li>7. Applied for registration formalities (1 mark)</li> <li>8. Identified Guide/Research Centre and preparing research Proposal ( 1mark.)</li> <li>9. Not thought of pursuing Ph.D. (zero)</li> </ol> | 2/10 |
| <b>Research Publications: (5 marks each)<br/>[Attach copies of Title Page]</b>  | 1. Written a Text Book titled “Linear Integrated Circuits” for VTU CBCS Syllabus during 2019 with ISBN: 978-81-931-9350-1  | 5/10 |

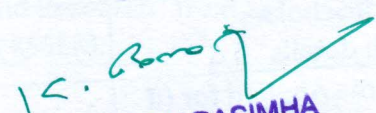
|   |   |              |
|---|---|--------------|
| <b>Seminars / Workshops / Conferences attended (5 Marks each) [Attach Certificate Copies]</b>             | <ol style="list-style-type: none"> <li>1. Short Term course on "Digital Signal Processing and Applications" under quality Improvement Programme of All India Council for Technical Education New Delhi during 4 -8 September 2017 at IISC Bangalore</li> <li>2. Short Term course on "Convex Optimization: Theory, Algorithms and Applications" under quality Improvement Programme of All India Council for Technical Education New Delhi during 11 -15 December 2017 at IISC Bangalore</li> </ol> | <b>10/10</b> |
| <b>Financial Assistance received during current year</b>  | Rs.   | --           |
| <b>Registered as Research Guide (Reasons for not registering)</b>   | No  |              |
| <b>No. of Research Scholars registered with details</b>   | NA  | <b>0/5</b>   |
| <b>Details of Patents Applied for (If any)</b>  | None  | <b>0/5</b>   |
| <b>Academic Programs organized and supported during current year. (FDP/Workshop/Seminar / Conference)</b> | NIL   | <b>0/5</b>   |
| <b>Details of programs attended for skill development like MOOCs, MOODLES and others</b>                  | NIL   | <b>0/5</b>   |
| <b>Details of Utilization of NPTEL and other Online materials for augmenting own lectures.</b>            | Used NPTEL Video lectures for the preparation of Class Lectures   | <b>5/5</b>   |
| <b>Details of Project Proposal submitted during the current year. (At least one)</b>                      | NIL   | <b>0/5</b>   |
| <b>Details of Project Funds Received.</b>   | Rs.0  | <b>0/5</b>   |
| <b>Consultancy Revenue Generated</b>  | Rs.0  | <b>0/5</b>   |
| <b>Details of Participation in cultural events during the current year</b>                                | Participated In ECE Cricket Team during 2019 cultural Fest  | <b>5/5</b>   |

|  |  |                  |
|--|--|------------------|
| <b>Additional Responsibilities in the Department/ College</b><br>Example: Head, Coordinator etc. | 1) ECE – Pupilpod Coordinator<br>2)ECE - Alumni Coordinator<br>3) ECE – Minutes of Meeting Coordinator | 10               |
| <b>Details of Live Membership for Professional Bodies (IEEE CSI SEA ISTE .....</b> )             | ISTE Member – LM 94792   | 5/5              |
| <b>Graduation Day Responsibilities. (If any) Please mention your role.</b>                       | Certificate Printing, Food Committee   | 5/5              |
| <b>TOTAL</b>   |  | <b>102.5/190</b> |

Date: 16/7/2019

  
Signature of faculty

  
16/7/19  
Professor & Head  
Dept. of Electronics & Communication Engineering  
K. S. School of Engineering & Management  
Bangalore-560 109

  
Dr. K. RAMA NARASIMHA  
Principal/Director  
K S School of Engineering and Management  
Bangaluru - 560 109

**STAFF SELF APPRAISAL REPORT****2018-2019****KSSEM**

| Field   | Data   | SCORE   |
|---|--|---------|
| Name  | SYED WASEEM TABRAIZ  |         |
| Present Address, Mob.No., e-mail id.  | #487, Old Post Office Road, K R Puram, Bangalore-36<br>9740391814<br>syedwaseem.tabraiz@kssem.edu.in   |         |
| Age and Date of Birth   | 33 Years, 24/ 04/1986  |         |
| Qualification   | M.Tech   | ---     |
| Designation and Department  | Assistant Professor  |         |
| Teaching Experience (After PG)  | 5 Years 11 Months 15 Days  |         |
| Other Experience (If any)   | -  |         |
| List of Subjects Taught till date and percentage pass (use separate sheet if necessary)                         | Used Separate Sheet  |         |
| Subjects taught in the Assessment Year and percentage pass (10marks for each x Percentage)                      | 1. 4 <sup>th</sup> Sem / A sec /Control System/ 15EC43 = 76%<br>2. 8 <sup>th</sup> Sem /Elective A & B Sec/ GSM/10EC843 = 96%<br>3. 3 <sup>rd</sup> Sem / B Sec/Digital Electronics / 17EC34 = 91%<br>4. 5 <sup>th</sup> Sem/B Sec/Information Theory and Coding /15EC54 = 95% | 35.8/40 |
| Details of UG Projects Guided (5 marks/ project guided)   | 1. Implementation of Automatic Evaluating of Water Quality using IoT<br>2. Design and Implementation of Agricultural Robot for Sowing Seeds and Irrigation in Real Time using IoT  | 10/10   |
| Details of PG Projects Guided (5 marks/ project guided)   | No PG Students (Nill)  | /10     |
| Additional Inputs given in the class in addition to the syllabus (Give proof and justification) (If applicable) | MCQ's for Control Systems and Digital Electronics Subjects   | 5/5     |
| Guest / Invited Lectures arranged (2marks /lecture) Max 5 marks.  |  | /5      |
| Details of Industrial Visits arranged. (2marks/visit) Max 5 marks.  | Open Day at IISC at IISC , Bangalore on 23 <sup>rd</sup> March   | 2/5     |

|   |  |      |
|---|--|------|
| Number of FDPs attended since joining service<br>(Attach Separate List)   |  | 12   |
| Details of students mentored during current assessment year.  | 15 Students are Mentored (6 <sup>th</sup> Sem A Sec )  | --   |
| Details of Participation in VTU Bodies (2 Marks)  |  | /2   |
| Details on Examination related Activity (2marks each)   | 1. Practical Exams = 2<br>2. Conduction of Theory exams = 2<br>3. Paper Setting<br>4. Evaluation = 2   | 6/8  |
| List of FDPs attended during the Assessment year (5 marks each)<br>(Attach Certificate copies)  | A Three Day FDP on " Student Induction Programme" Sponsored by AICTE from 17 <sup>th</sup> to 19 <sup>th</sup> June 2019 at Cambridge Institute of Technology, Bangalore   | 5/10 |
| Financial Assistance received during current year for attending FDPs  | Rs. FDP was Free of Cost   | --   |
| Status of Ph.D.<br>[Attach proof for each stage]<br>(This can be claimed only once during a life time after the PhD is awarded)<br>[Attach proof for every claim] | 1. Awarded (2 marks)<br>2. Thesis Submitted and awaiting reports (1 mark)<br>3. Thesis Preparation (2 Mark)<br>4. Experimentation/Data Collection in completed (1 mark)<br>5. Comprehensive viva voce completed (1 mark)<br>6. Appeared for Course work exams (1 mark)<br>7. Applied for registration formalities (1 mark)<br>8. Identified Guide/Research Centre and preparing research Proposal ( 1mark.)<br>9. Not thought of pursuing Ph.D. (zero) | 1/10 |
| Research Publications: (5 marks each)<br>[Attach copies of Title Page]  | 1.<br>2.   | /10  |
| Seminars / Workshops / Conferences attended (5 Marks each) [Attach Certificate Copies]  | 1. One Day Scilab Workshop on 4 <sup>th</sup> may 2019 at KSSEM  | 5/10 |
| Financial Assistance received during current year   | Rs. 400/-  | --   |
| Registered as Research Guide (Reasons for not registering)  | Yes / No   | -    |
| No. of Research Scholars registered with details  |  | /5   |



|   |   |                  |
|---|---|------------------|
| Details of Patents Applied for (If any)   |   | /5               |
| Academic Programs organized and supported during current year.<br>(FDP/Workshop/Seminar / Conference) | International Conference iceam 2018.  | 5/5              |
| Details of programs attended for skill development like MOOCs, MOODLES and others                     |   | /5               |
| Details of Utilization of NPTEL and other Online materials for augmenting own lectures.               | <a href="http://www.learnerstv.com/Free-Engineering-Video">http://www.learnerstv.com/Free-Engineering-Video</a><br><a href="http://nptel.ac.in/courses/108103007/">http://nptel.ac.in/courses/108103007/</a> Lectures<br><a href="http://www.nptel.ac.in/basic-electronics">www.nptel.ac.in/basic-electronics</a> | 5/5              |
| Details of Project Proposal submitted during the current year. (At least one)                         | Wrote a Proposal For The 42 <sup>nd</sup> Series of Student Project Programme (KSCST)   | 5/5              |
| Details of Project Funds Received.  | -   | /5               |
| Consultancy Revenue Generated   | Rs.   | /5               |
| Details of Participation in cultural events during the current year                                   | 1) Participated in Rotary Club at KSEM  | 5/5              |
| Additional Responsibilities in the Department/ College<br>Example: Head, Coordinator etc.             | 1) Co-ordinator for NAAC Criteria-IV<br>2) Class Teacher for 4 <sup>th</sup> B sec<br>3) Member of Main Library Committee<br>4) Member of Anti Ragging Committee<br>5) Incharge of Department Library   | 10/10            |
| Details of Live Membership for Professional Bodies (IEEE CSI SEA ISTE .....                           |   | /5               |
| Graduation Day Responsibilities. (If any) Please mention your role.                                   | Disciplinary Committee  | 5/5              |
| <b>TOTAL</b>  |   | <b>104.8/190</b> |

Date: 17/07/2019

*Syed Dawood Jabbar*  
Signature of faculty

*hmm*  
17.7.19  
Professor & Head  
Dept. of Electronics & Communication Engineering  
K. S. School of Engineering & Management  
Bangalore-560 109

*Dr. K. Rama Narasimha*  
Dr. K. RAMA NARASIMHA  
Principal/Director  
K S School of Engineering and Management  
Bengaluru - 560 109

## STAFF SELF APPRAISAL REPORT

2018-2019

KSIT/KSSEM

| Field   | Data  | SCORE          |
|---|---|----------------|
| Name  | KRIPA K B   |                |
| Present Address, Mob.No., e-mail id.  | #295, Mathru kuteera, 2 <sup>nd</sup> main, 31 <sup>st</sup> cross,<br>Dollars scheme colony, BTM layout<br>Bengaluru,<br>Mob-9481382158,<br>Email id-kripa.kb@kssem.edu.in |                |
| Age and Date of Birth   | 29, 11/04/1990  |                |
| Qualification   | B.E, Mtech  |                |
| Designation and Department  | Assistant Professor, ECE  |                |
| Teaching Experience (After PG)  | 5.5 years   |                |
| Other Experience (If any)   | nil   |                |
| List of Subjects Taught till date and percentage pass (use separate sheet if necessary)                         | 1. Basic Electronics-83%<br>2. Technical English I -100%  |                |
| Subjects taught in the Assessment Year and percentage pass (10marks for each x Percentage)                      | 1. Basic Electronics-83% <i>AEC lab -100%</i><br>2. Technical English I -100%<br>3. <i>VLSI -100%</i><br>4. <i>CCN Lab -</i>  | <i>38.3/40</i> |
| Details of UG Projects Guided (5 marks/ project guided)   | 1. Braille Based Mobile Communication and translation glove for Deaf Blind people<br>2.   | <i>10/10</i>   |
| Details of PG Projects Guided (5 marks/ project guided)   | 1. nil<br>2.  | <i>0/10</i>    |
| Additional Inputs given in the class in addition to the syllabus (Give proof and justification) (If applicable) | 1. Conducted quiz test for basic electronics  | <i>5/5</i>     |
| Guest / Invited Lectures arranged (2marks /lecture) Max 5 marks.  | nil   | <i>0/5</i>     |
| Details of Industrial Visits arranged. (2marks/visit) Max 5 marks.  | nil   | <i>0/5</i>     |

|   |   |       |
|---|---|-------|
| Number of FDPs attended since joining service<br>(Attach Separate List)   | 3 FDPS  | --    |
| Details of students mentored during current assessment year.  | 24 students of 1 <sup>st</sup> semester A section are mentored  | --    |
| Details of Participation in VTU Bodies (2 Marks)  | nil   | 0/2   |
| Details on Examination related Activity (2marks each)   | 1. Practical Exams – lab External and Internal duty<br>2. Conduction of Theory exams- room invigilation of VTU theory exam<br>3. Paper Setting-nil<br>4. Evaluation- yes  | 6/8   |
| List of FDPs attended during the Assèssment year (5 marks each)<br>(Attach Certificate copies)  | 1) “Data science and IOT Applications” three days FDP held at East Point college of Engineering<br><br>2) “Aspects of Effective Programming and Research” three days FDP held at KSSEM.<br><br>3) PCB Design- “Altium Designer” one day workshop held at PES University | 10/10 |
| Financial Assistance received during current year for attending FDPs  | 1) Rs.500/- for attending “Data science and IOT Applications” three days FDP held at East Point college of Engineering  | --    |
| Status of Ph.D.<br>[Attach proof for each stage]<br>(This can be claimed only once during a life time after the PhD is awarded)<br>[Attach proof for every claim] | 1. Appeared for Course work exams (1 mark)<br>2. Applied for registration formalities (1 mark)<br>3. <i>course work completed</i><br>4. <i>Identified guide</i>   | 3/10  |
| Research Publications: (5 marks each)<br>[Attach copies of Title Page]  | 1.nil<br><br>2.   | 0/10  |
| Seminars / Workshops / Conferences attended (5 Marks each) [Attach Certificate Copies]  | 1) Computational Methods for Partial Differential Equations Using MATLAB five days workshop held  | 5/10  |

|  | at BNMIT   |         |
|--|--|---------|
| Financial Assistance received during current year  | nil  | --      |
| Registered as Research Guide (Reasons for not registering)   | NO   |         |
| No. of Research Scholars registered with details   | nil  | 0 / 5   |
| Details of Patents Applied for (If any)  | nil  | 0 / 5   |
| Academic Programs organized and supported during current year. (FDP/Workshop/Seminar / Conference) | <ol style="list-style-type: none"> <li>1) Coordinated two days workshop on "Embedded Systems for IOT Applications"</li> <li>2) Coordinated international conference on applied Engineering Sciences and Management(ICAEM-2018)</li> </ol>  | 5 / 5   |
| Details of programs attended for skill development like MOOCs, MOODLES and others                  | nil  | 0 / 5   |
| Details of Utilization of NPTEL and other Online materials for augmenting own lectures.            | NPTEL videos referred for CCN Subject:<br><a href="https://www.youtube.com/watch?v=NSHj9BLnhj0">https://www.youtube.com/watch?v=NSHj9BLnhj0</a><br><a href="https://www.youtube.com/watch?v=pVI1L1jrbFE">https://www.youtube.com/watch?v=pVI1L1jrbFE</a>   | 5 / 5   |
| Details of Project Proposal submitted during the current year. (At least one)                      | nil  | 0 / 5   |
| Details of Project Funds Received.   | nil  | 0 / 5   |
| Consultancy Revenue Generated  | nil  | 0 / 5   |
| Details of Participation in cultural events during the current year                                | <ol style="list-style-type: none"> <li>1) Participated in 100m race and won first place</li> <li>2) Participated in carom competition held during "AROHANA"</li> <li>3) Participated in shuttle and badminton held during "AROHANA"</li> <li>4) Coordinated Debate competition held during "AROHANA" fest</li> </ol> | 5 / 5   |
| Additional Responsibilities in the Department/ College<br>Example: Head, Coordinator etc.          | <ol style="list-style-type: none"> <li>1) class teacher for 1<sup>st</sup> semester</li> <li>2) Result analysis</li> </ol>   | 10 / 10 |

|   |  |                  |
|---|--|------------------|
|   | 3) Students achievers file maintained<br>4) Lab incharge for 6 <sup>th</sup> semester CCN Lab<br>5) Seminar guide for 1 batch of 8 <sup>th</sup> semester<br>6) Internship guide for 1 batch of 8 <sup>th</sup> semester |                  |
| Details of Live Membership for Professional Bodies (IEEE CSI SEA ISTE ..... | nil  | 0 /5             |
| Graduation Day Responsibilities.<br>(If any) Please mention your role.      | nil  | 0 /5             |
| <b>TOTAL</b>  |  | <b>102.3/190</b> |

Date: 16/07/2019

*Kripa K.B*  
Signature of faculty

*hm*  
16/7/19  
Professor & Head  
Dept. of Electronics & Communication Engineering  
K. S. School of Engineering & Management  
Bangalore-560 109

*K. Rama*  
Dr. K. RAMA NARASIMHA  
Principal/Director  
K S School of Engineering and Management  
Bangaluru - 560 109

## KAMMAVARI SANGHAM GROUP OF INSTITUTIONS

## STAFF SELF APPRAISAL REPORT

2018-2019

KSIT/KSSEM

| Field   | Data   | SCORE        |
|---|--|--------------|
| Name  | Mrs. SHILPA A P  |              |
| Present Address,<br>Mob.No., e-mail id.   | #769 Krishna Sagar Hotel Road, Dwaraka Nagar,<br>Channasandra, Bangalore 560098<br>Mobile No: 9986931362<br>Email ID: Shilpa.ap@kssem.edu.in   |              |
| Age and Date of<br>Birth  | 15/10/1988   | ---          |
| Qualification   | M.Tech   |              |
| Designation and<br>Department   | Assistant Professor, ECE Department  |              |
| Teaching<br>Experience (After<br>PG)  | 06 Years   |              |
| Other Experience(If<br>any)   | NIL  |              |
| List of Subjects<br>Taught till date and<br>percentage pass<br>(use separate sheet<br>if necessary)       | 06   |              |
| Subjects taught in<br>the Assessment<br>Year and<br>percentage pass<br>(10marks for each x<br>Percentage) | 1. Digital Electronics (90.5%)<br>2. Sensors and Transducers (100%)<br>3. Linear ICs and Operational Amplifiers (62.8%)<br>4. Control system Lab (100%)  | 35.78/<br>40 |
| Details of UG<br>Projects Guided<br>(5 marks/<br>project<br>guided)                                       | 1. Design and Implementation of Human Emotion<br>Recognition system from Voice Samples using MFCC<br>and SVM.<br>2. Design and Implementation of AVR Based Seat Vibrator<br>System in Bus for Destination Alert and Accident Detection | 10/10        |
| Details of PG<br>Projects Guided<br>(5 marks/ project   | 1.<br>2. —   | /10          |

|   |  |     |
|---|--|-----|
| guided)   |  |     |
| Additional Inputs given in the class in addition to the syllabus (Give proof and justification) (If applicable) | —  | /5  |
| Guest / Invited Lectures arranged (2marks /lecture) Max 5 marks.  | —  | /5  |
| Details of Industrial Visits arranged. (2marks/visit) Max 5 marks   | —  | /5  |
| Number of FDPs attended since joining service (Attach Separate List)  | 04   | --  |
| Details of students mentored during current assessment year.  | 20   | --  |
| Details of Participation in VTU Bodies (2 Marks)  | —  | /2  |
| Details on Examination related Activity (2marks each)   | 1. Practical Exams Yes<br>2. Conduction of Theory exams Yes<br>3. Paper Setting<br>4. Evaluation Yes | 6/8 |
| List of FDPs attended during the Assessment year (5 marks each) (Attach Certificate copies)                     | 1)   | /10 |
| Financial Assistance received during current year for attending FDPs  | Rs.  | --  |

|   |  |              |
|---|--|--------------|
| <p>Status of Ph.D.<br/>[Attach proof for each stage]<br/>(This can be claimed only once during a life time after the PhD is awarded)<br/>[Attach proof for every claim]</p> | <ol style="list-style-type: none"> <li>1. Awarded (2 marks)</li> <li>2. Thesis Submitted and awaiting reports (1 mark)</li> <li>3. Thesis Preparation (2 Mark)</li> <li>4. Experimentation/Data Collection in completed (1 mark)</li> <li>5. Comprehensive viva voce completed (1 mark)</li> <li>6. Appeared for Course work exams (1 mark)</li> <li>7. Applied for registration formalities (1 mark)</li> <li>8. Identified Guide/Research Centre and preparing research Proposal (1mark.)</li> <li>9. Not thought of pursuing Ph.D. (zero</li> </ol> | <p>/10</p>   |
| <p>Research Publications: (5 marks each)<br/>[Attach copies of Title Page]</p>  | <ol style="list-style-type: none"> <li>1. "Design and Implementation of AVR Based Seat Vibrator System in Bus for Destination Alert and Accident Detection."</li> <li>2. Design and Implementation of Asset Management Using Deep Learning."</li> </ol>  | <p>10/10</p> |
| <p>Seminars / Workshops / Conferences attended (5 Marks each) [Attach Certificate Copies]</p>   | <p>"Sonar Signal Processing"</p>   | <p>10/10</p> |
| <p>Financial Assistance received during current year</p>  | <p>—</p>   | <p>--</p>    |
| <p>Registered as Research Guide (Reasons for not registering)</p>   | <p>Yes / No<br/>NA</p>   |              |
| <p>No. of Research Scholars registered with details</p>   | <p>—</p>   | <p>/5</p>    |
| <p>Details of Patents Applied for (If any)</p>  | <p>—</p>   | <p>/5</p>    |
| <p>Academic Programs organized and supported during current year. (FDP/Workshop/Seminar / Conference)</p>   | <ol style="list-style-type: none"> <li>1) Coordinated Two Day Workshop on "Embedded Systems for IoT Applications" Sponsored by BITES during 25<sup>th</sup> March and 26<sup>th</sup> March 2019 at KSSEM, Bangalore.</li> <li>2) Coordinated the International Conference on Applied Engineering Science and Management. organized by KSSEM on 12<sup>th</sup> and 13<sup>th</sup> October 2018</li> </ol>  | <p>5/5</p>   |



|   |  |                   |
|---|--|-------------------|
| Details of programs attended for skill development like MOOCs, MOODLES and others         | Others:<br>Teaching learning center IIT Bombay, National Mission on teachers and teaching.<br><br>Workshop on Python   | 5/5               |
| Details of Utilization of NPTEL and other Online materials for augmenting own lectures.   | <a href="https://www.youtube.com/watch?v=CeD2L6KbtVM&amp;list=PL803563859BF7ED8C">https://www.youtube.com/watch?v=CeD2L6KbtVM&amp;list=PL803563859BF7ED8C</a> For Digital Electronics<br><a href="https://www.youtube.com/watch?v=GapjiO8Kuk">https://www.youtube.com/watch?v=GapjiO8Kuk</a> for Microprocessor<br><a href="https://www.youtube.com/watch?v=UgOM9Wxp57k">https://www.youtube.com/watch?v=UgOM9Wxp57k</a> for Basic Electronics | 5/5               |
| Details of Project Proposal submitted during the current year. (At least one)             | -  | /5                |
| Details of Project Funds Received.  | Rs. -  | /5                |
| Consultancy Revenue Generated   | Rs. -  | /5                |
| Details of Participation in cultural events during the current year                       | 1) Participated in Rangoli competition<br>2) Participated in Cooking Without Fire Competition.   | 5/5               |
| Additional Responsibilities in the Department/ College<br>Example: Head, Coordinator etc. | 1) NAAC Criteria-6 Coordinator<br>2) Department Activity File Maintenances<br>3) IA Test Coordinator<br>4) Stock Verification File Maintenances<br>5) IQAC Coordinator<br>6) Class Teacher   | 10/10             |
| Details of Live Membership for Professional Bodies (IEEE CSI SEA ISTE..)                  | -  | /5                |
| Graduation Day Responsibilities. (If any) Please mention your role.                       | Registration Desk  | 5/5               |
| <b>TOTAL</b>  |  | <b>106.73/190</b> |

Date: 16/07/2019

Signature of faculty

*hm*  
16/7/19  
Professor & Head

*K. Rama*  
16/7/19  
4

Dept. of Electronics & Communication Engineering  
K. S. School of Engineering & Management  
Bangalore-560 109

Dr. K. RAMA NARASIMHA  
Principal/Director  
K S School of Engineering and Management  
Bangalore - 560 109

## STAFF SELF APPRAISAL REPORT

2018-2019


KSIT/KSSEM

| Field   | Data  | SCORE   |
|---|---|---------|
| Name  | Deepa R Bhangi  |         |
| Present Address, Mob.No., e-mail id.  | #100, bairava nilaya, 14 <sup>th</sup> cross, NGEF layout, Nagarbhavi 2 <sup>nd</sup> stage, Nagarabhavi  |         |
| Age and Date of Birth   | 30 and 11-07-1989   |         |
| Qualification   | B.E., M.Tech., (Ph.D.)  |         |
| Designation and Department  | Assistant Professor and ECE   | ---     |
| Teaching Experience (After PG)  | 3.5 yrs   |         |
| Other Experience (If any)   | Assistant Warden at MCE Hassan  |         |
| List of Subjects Taught till date and percentage pass (use separate sheet if necessary)                         | Operations Research(100%), Control systems(100%), Field theory(92%), VLSI Design and embedded systems(98%), Real Time Systems(98%), Technical English(100%), VLSI Design, Digital Design using Verilog. |         |
| Subjects taught in the Assessment Year and percentage pass (10marks for each x Percentage)                      | 1. Real Time Systems (97%)<br>2. Technical English (100%)<br>3. VLSI design lab (100%) (2 Section)<br>4. Digital design using system Verilog  | 39.7/40 |
| Details of UG Projects Guided (5 marks/ project guided)   | 1. "Infrared Plastic solar cells"   | 5/10    |
| Details of PG Projects Guided (5 marks/ project guided)   | None  | /10     |
| Additional Inputs given in the class in addition to the syllabus (Give proof and justification) (If applicable) | *Played Videos Related to Syllabus<br>*Given Seminars to Students   | 5/5     |
| Guest / Invited Lectures arranged (2marks /lecture) Max 5 marks.  | nil   | /5      |
| Details of Industrial Visits arranged. (2marks/visit) Max 5 marks.  | 1. nil<br>2.  | /5      |
| Number of FDPs attended since joining service   | 5   | --      |


|   |  |       |
|---|--|-------|
| (Attach Separate List)  |  |       |
| Details of students mentored during current assessment year.  | 22 Students  | --    |
| Details of Participation in VTU Bodies (2 Marks)  | nil  | /2    |
| Details on Examination related Activity (2marks each)   | Conduction of Theory exam  | 2/8   |
| List of FDPs attended during the Assessment year (5 marks each) (Attach Certificate copies)   | 1) Attended 3 days FDP on " Aspects of Effective Programming and Research"<br>2) FDP on "Data science and Deep Learning"                           | 10/10 |
| Financial Assistance received during current year for attending FDPs  | Rs.400   | --    |
| Status of Ph.D.<br>[Attach proof for each stage]<br>(This can be claimed only once during a life time after the PhD is awarded)<br>[Attach proof for every claim] | 1. Appeared for Course work exams (1 mark)<br>2. Applied for registration formalities (1 mark)<br>3. Course Work Completed.<br>4. Identified Guide | 4/10  |
| Research Publications: (5 marks each)<br>[Attach copies of Title Page]  | nil  | /10   |
| Seminars / Workshops / Conferences attended (5 Marks each) [Attach Certificate Copies]  | 1) One day workshop on Python<br>2) International journal of pure and applied mathematics  | 10/10 |
| Financial Assistance received during current year   | no   | --    |
| Registered as Research Guide (Reasons for not registering)  | No   |       |
| No. of Research Scholars registered with details  | no   | /5    |
| Details of Patents Applied for (If any)   | no   | /5    |
| Academic Programs organized and supported during current  | 1. Volunteer For International journal of pure and applied mathematics   | 5 /5  |

|   |  |                |
|---|--|----------------|
| year.<br>(FDP/Workshop/Seminar /<br>Conference)   | 2. Volunteer for Workshop  |                |
| Details of programs attended for<br>skill development like MOOCs,<br>MOODLES and others       | -  | /5             |
| Details of Utilization of NPTEL<br>and other Online materials for<br>augmenting own lectures. | Playing Subject related NPTEL videos in<br>Classroom   | 5 /5           |
| Details of Project Proposal<br>submitted during the current<br>year. (At least one)           | nil  | /5             |
| Details of Project Funds<br>Received.   | no   | /5             |
| Consultancy Revenue Generated   | no   | /5             |
| Details of Participation in<br>cultural events during the<br>current year                     | 1) 100M Running<br>2) Carom Doubles<br>3) Dotted Rangoli<br>4) Throughput<br>5) Throw ball   | 5 /5           |
| Additional Responsibilities in the<br>Department/ College<br>Example: Head, Coordinator etc.  | 1) Website and Newsletter<br>Coordinator<br>2) Placement Coordinator<br>3) Mentor For 2nd Semester Students<br>4) Class Teacher<br>5) Newsletter coordinator | 10 / 10        |
| Details of Live Membership for<br>Professional Bodies (IEEE CSI SEA<br>ISTE .....             |  | /5             |
| Graduation Day Responsibilities.<br>(If any) Please mention your<br>role.                     |  | /5             |
| <b>TOTAL</b>  |  | <b>100/190</b> |

Date: 18/07/2019

  
Signature of faculty

  
18/7/19  
**Professor & Head**  
Dept. of Electronics & Communication Engineering  
K. S. School of Engineering & Management  
Bangalore-560 109

  
**Dr. K. RAMA NARASIMHA**  
Principal/Director  
K S School of Engineering and Management  
Bangalore - 560 109 3

## STAFF SELF APPRAISAL REPORT

2018-2019

## KSIT/KSSEM

| Field   | Data  | SCORE  |
|---|---|--------|
| Name  | ZAIBA   |        |
| Present Address, Mob.No., e-mail id.  | #35,1st MAIN 9 <sup>TH</sup> CROSS SRINIDHI LAYOUT<br>CHUNCHUGHATTA KONANKUNTE<br>BANGALORE-<br>560062,PH:8138019458,ZAIBA@KSSEM.EDU.IN |        |
| Age and Date of Birth   | 25, 20/07/1994  |        |
| Qualification   | B.E, Mtech  |        |
| Designation and Department  | Assistant Professor, ECE  |        |
| Teaching Experience (After PG)  | 1 year  |        |
| Other Experience(If any)  | nil   |        |
| List of Subjects Taught till date and percentage pass (use separate sheet if necessary)                         | Electronic Instrumentation-93%<br>Fiber optics & network-97%<br><i>Advanced Communication Lab -100%</i>                                 |        |
| Subjects taught in the Assessment Year and percentage pass (10marks for each x Percentage)                      | 1. Electronic Instrumentation-93%<br>2. Fiber optics & network-97%<br>3. <i>Advanced Communication Lab -100%</i><br>(2 sections)        | 39/40  |
| Details of UG Projects Guided (5 marks/ project guided)   | 1. Intelligent vehicle system for pollution monitoring using ARM7   | 10 /10 |
| Details of PG Projects Guided (5 marks/ project guided)   | nil   | 0 /10  |
| Additional Inputs given in the class in addition to the syllabus (Give proof and justification) (If applicable) | 1. Prepared MCQS and referred NPTEL VIDEOS for fiber optics and network   | 5 /5   |
| Guest / Invited Lectures arranged (2marks /lecture) Max 5 marks.  | nil   | 0 /5   |
| Details of Industrial Visits arranged. (2marks/visit) Max 5 marks.  | nil   | 0 /5   |
| Number of FDPs attended   | 2 FDPs  | --     |

|   |  |                       |
|---|--|-----------------------|
| since joining service<br>(Attach Separate List)   |  |                       |
| Details of students mentored during current assessment year.  | nil  | --                    |
| Details of Participation in VTU Bodies (2 Marks)  | nil  | 0 / 2                 |
| Details on Examination related Activity (2marks each)   | 1. Practical Exams – lab Internal<br>2. Conduction of Theory exams- Room invigilation duty for external VTU EXAMS<br>3. Paper Setting-internal<br>4. Evaluation- nil | 2<br><del>4</del> / 8 |
| List of FDPs attended during the Assessment year (5 marks each)<br>(Attach Certificate copies)  | 1) "Aspects of Effective Programming and Research" three days FDP held at KSSEM.<br><br>2) PCB Design- "Altium Designer" one day workshop held at PES University     | 10/10                 |
| Financial Assistance received during current year for attending FDPs  | nil  | --                    |
| Status of Ph.D.<br>[Attach proof for each stage]<br>(This can be claimed only once during a life time after the PhD is awarded)<br>[Attach proof for every claim] | 1. Awarded (2 marks)<br>PHD registration has to be done  | 0/10                  |
| Research Publications: (5 marks each)<br>[Attach copies of Title Page]  | nil  | 0 / 10                |
| Seminars / Workshops / Conferences attended (5 Marks each) [Attach Certificate Copies]  | 1) Computational Methods for Partial Differential Equations Using MATLAB five days workshop held at BNMIT  | 5 / 10                |
| Financial Assistance received during current year   | nil  | --                    |
| Registered as Research Guide<br>(Reasons for not registering)   | NO   |                       |

|   |   |         |
|---|---|---------|
| No. of Research Scholars registered with details  | nil   | 0 / 5   |
| Details of Patents Applied for (If any)   | nil   | 0 / 5   |
| Academic Programs organized and supported during current year.<br>(FDP/Workshop/Seminar / Conference) | 1)Coordinated International conference on "Applied engineering sciences and management(ICAEM-2018)"<br><br>2)Coordinated "Pradhan Mantri Kaushal Vikas Yojana" AICTE – Sponsored Skill Development Training Program | 5 / 5   |
| Details of programs attended for skill development like MOOCs, MOODLES and others                     | nil   | 0 / 5   |
| Details of Utilization of NPTEL and other Online materials for augmenting own lectures.               | Referred NPTEL videos for fiber optics and network:<br>1) <a href="https://youtu.be/2KIYBzGHNxc">https://youtu.be/2KIYBzGHNxc</a><br>2) <a href="https://youtu.be/ta7aCgttSHs">https://youtu.be/ta7aCgttSHs</a>     | 5 / 5   |
| Details of Project Proposal submitted during the current year. (At least one)                         | nil   | 0 / 5   |
| Details of Project Funds Received.  | nil   | 0 / 5   |
| Consultancy Revenue Generated   | nil   | 0 / 5   |
| Details of Participation in cultural events during the current year                                   | 1) participated in 100m race and got third place<br>2) participated in carom competition and won first place<br>3) participated in shuttle and badminton<br>4) coordinated Pictionary event in ARHONNA 2019         | 5 / 5   |
| Additional Responsibilities in the Department/ College<br>Example: Head, Coordinator etc.             | 1) class teacher for 8th semester<br><br>2) coordinator for Solutions Through Programming<br><br>3) Alumini Coordinator<br><br>4) Identified laboratory   | 10 / 10 |

|   |  |               |
|---|--|---------------|
|   | 5) Identified class rooms<br>6) Expert panel file<br>7) seminar guide for one batch of 8 <sup>th</sup> sem students<br>8) Internship guide for one batch of 8 <sup>th</sup> sem students |               |
| Details of Live Membership for Professional Bodies (IEEE CSI SEA ISTE ..... | nil  | 0/5           |
| Graduation Day Responsibilities.<br>(If any) Please mention your role.      | nil  | 0/5           |
| <b>TOTAL</b>  |  | <b>96/190</b> |

Date: 16/07/2019

*Zaibz*  
Signature of faculty

*hm*  
*16/7/19*  
Professor & Head  
Dept. of Electronics & Communication Engineering  
K. S. School of Engineering & Management  
Bangalore-560 109

*K. Rama*  
Dr. K. RAMA NARASIMHA  
Principal/Director  
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