# STAFF SELF APPRAISAL REPORT

## 2021-2022

## KSIT

| Field | Data | SCORE |
|---|---|---|
| Name | **Dr. KOTHAPALLI VENKATA RAO** | |
| Present Address, Mob.No., e-mail id. | #113, Sri Krishna Nilaya, I Floor, Kembatha Halli, Gottigere Post, Bannergatha Road, Bangalore – 560 083, Mobile no: 9343751362 E-mail id: hod.cse@kssem.edu.in | --- |
| Age and Date of Birth | 44 Yrs and DOB: 01 – 06 -1977 | |
| Qualification | B.E ( CSE ), M.Tech (CSE), Ph.D in CSE | |
| Designation and Department | Professor & HOD Computer Science and Engineering | |
| Teaching Experience (After PG) | 21 Yrs | |
| Other Experience(If any) | NIL | |
| List of Subjects Taught till date (use separate sheet if necessary) | Details are Attached | |
| Number of FDPs attended since joining service (Attach Separate List) | | -- |
| *Subjects taught in the Assessment Year and percentage pass (Both Theory & Practicals) (10marks for each x Percentage) If Online please indicate. | 1. Automata Theory and Computation 18CS54 (SEC A) –94.92% 2. Automata Theory and Computation – 18CS54 (SEC B) –98.31% 3. Design Algorithms And Analysis-18CS42 (A) – Result Awaited 4. Design Algorithms And Analysis-18CS42 (B) – Result Awaited | 40/40 |
| Details of UG Projects Guided (5 marks/ project guided) Provide Titles (HOD to endorse) | 1.  A new IoT Gateway for Smart Agriculture 2. Protection of Forest Trees Agaist Poaching based on IoT | 10/10 |
| Details of PG Projects Guided (5 marks/ project guided) Only for MBA/M.Tech. Provide Titles (HOD to Endorse) | 1. 2. | /10 |
| Percentage of classes held ( No. of classes taken/no. of classes allocated x 5) Give details. HOD to Endorse. | 1. Automata Theory and Computation 18CS54 (SEC A) –59/40 2. Automata Theory and Computation – 18CS54 (SEC B) –56 / 40 | 5/5 |

|  |  | 3. Design Algorithms And Analysis-18CS42 (A) – <br> 4. Design Algorithms And Analysis-18CS42 (B) – |  |
| --- | --- | --- | --- |
| Student Feedback for Offline / Online classes. (Av.Percentage x 5 marks) Give details. HOD to verify. |  | 1. Automata Theory and Computation 18CS54 (SEC A) –97% + 95.92 = 96.48 <br> 2. Automata Theory and Computation – 18CS54 (SEC B) –97.6% + 96.63 =97.12 <br> 3. Design Algorithms And Analysis-18CS42 (A) – <br> 4. Design Algorithms And Analysis-18CS42 (B) – | 5/5 |

*Marks to be awarded for subjects for which end exam was conducted

| Details of students mentored during current assessment year. (Furnish details) | SL. NO | USN | NAME | SEM & SEC | RESULT | -- |
| --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 1KS20CS001 | A AKASH | IV A | I SEM - Fail(3.15) <br> II SEM - SC (5.48) <br> III SEM - SC (6.67) |  |
|  | 2 | 1KS20CS002 | AAQIB BASHIR | IV A | I SEM - FC(7.2) <br> II SEM - FC (7.98) <br> III SEM - FC (7.33) |  |
|  | 3 | 1KS20CS003 | ANAND.V.S | IV A | I SEM - SC(5.85) <br> II SEM - SC (6.5) <br> III SEM - FC (6.33) |  |
|  | 4 | 1KS20CS004 | ANANYA PATIL | IV A | I SEM - FCD(8.7) <br> II SEM - FCD (8.25) <br> III SEM - FC (7.63) |  |
|  | 5 | 1KS20CS005 | ANIRUDHA.K.K | IV A | I SEM - FC(8.10) <br> II SEM - FCD (8.55) <br> III SEM - FC (7.42) |  |
| Details of Participation in <u>VTU</u> Bodies (2 Marks) Furnish details and proofs. |  | 1. Deputy Chief Superintend (DCS) in VTU Digital Valuation @ KSIT <br> 2. Coordinator for VTU practical duty allotment <br> 3. Coordinator for Digital Valuation @ VTU Regional Office, Bengaluru <br> 4. Worked as VTU flying squad <br> 5. Worked as VTU special squad |  | 2/2 |
| Details on Examination related Activity (2marks each) |  | 1. **Worked as BOE for B.Tech examinations july 2022 @ Jain university.** <br> 2. **Practical Exams** <br> Conducted VTU Practical examinations as |  | 8/8 |

| | | Marks |
|---|---|---|
| Marks only for external responsibility.) | Internal and external examiner for UG/PG Programs | |
| 3. Conduction of Theory exams | Conducted VTU theory examinations as Internal/External DCS | |
| 4. Paper Setting | Prepared Question papers for the following Subjects for various universities.<br>1. ATC (VTU)<br>2. C Programming(DSCE, Dr. AIT)<br>3. Data structures(DSCE, Dr. AIT)<br>4. ADA(DSCE, Dr. AIT, NHCE, RVCE)<br>5. OR (VTU)<br>6. DMS (RVCE)<br>5. Evaluation<br>Deputy Chief Superintend (DCS) in VTU Digital Valuation @ KSIT | 0/10 |
| List of FDPs attended during the Assessment year (5 marks each) (Attach Certificate copies) Provide Title, dates etc. HODs to verify | | |
| Financial Assistance received during current year for attending FDPs | Rs. | - |
| Status of Ph.D. [Attach proof for each stage and for every claim]<br>Ph.D. Completed – 10 marks. | 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/<br>10 |
| Research Publications: (5 ... 10 marks. | 1) Present a Paper on "Remote Access" at 4th National Conference on "Emerging Trends in Information | 10/1 |

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|---|---|---|
| marks each) Provide Full Details. HODs to verify. [Attach copies of Title Page] | Technology – NCETIT – 2021" Organized by department of Information Science and Engineering, DBIT – Bengaluru held on 19-07-2021 and 20-07-2021<br>2) Published a paper entitled " Anti-poaching Detection system for forests" – IARJSET Journal, vol 9, issue 3, march 2022 | 0 |
| Seminars / Workshops / Conferences attended (5 Marks each) Data to be verified by HODs. [Attach Certificate Copies] | 1.<br><br>2. | /10 |
| Financial Assistance received during current year for attending such events. | Rs. | -- |
| Registered as Research Guide (Reasons for not registering) | Yes / No<br>If ' Yes ' furnish details. | - |
| Research Scholars registered with details | Yes / No<br>If Yes, 5 marks | 0/5 |
| Details of Patents Applied for (If any) One application 5 marks Provide Details. | Innovation Patent<br>Ics- system: intelligent customer service system using Artificial intelligence programming. | 5/5 |
| Academic Programs organized and supported during current year.(Only FDP /Workshop /Seminar / Conference) . Do not include Webinars. | 1. Organized a Guest Lecturer on Discrete Mathematical Structures ( 18CS36) from 06th Apr 2022 to 07th Apr 2022<br>2. Organized a Graduation Day on 27th Mar 2022<br>3. Organized project exchibition-2022 for final year students | 5/5 |
| Details of programs attended for skill development like MOOCs, MOODLES, COURSERA, NPTEL and others (Only programs >= 20 | 1. "Introduction to G suite" an online course through courser has completed | 5/5 |

| | | |
|---|---|---|
| hours need to be considered. | | |
| Details of Utilization of NPTEL and other Online materials for augmenting own lectures. Provide proof for using this in the classroom. HOD to Verify. | 1. Referred Prof. G Srinivasan video classes from NPTEL for the subject Operations Research<br><br>2. Referred Prof. Kamala Kritivasan video classes from NPTEL for the subject Automata theory and computability<br>3. Referred Prof. ABDUL BARI video classes from NPTEL for the subject Design and analysis of algorithms. | 5/5 |
| Details of Project Proposal submitted during the current year. (At least one) Provide Details | | 0/5 |
| Details of Project Funds Received. (including KSCST & VTU financial assistance) | Rs. | 0/5 |
| Consultancy Revenue Generated | Rs. | 0/5 |
| Details of Participation in cultural events during the current year | Worked as Organizer in Cultural Event "Arohana" on 24-06-2022 | |
| Additional Responsibilities in the Department/ College Example: Head, Coordinator , Accreditation etc.(2marks for each responsibility) | 1. Chief Coordinator for the Website Committee<br>2. Project, Seminar & Internship Coordinator<br>3. DCS for VTU Digital Valuation Centre<br>4. NAAC Coordinator<br>5. NBA Department Coordinator<br>6. Practical Timetable Coordinator | 10/10 |
| Details of Live Membership for Professional Bodies (IEEE CSI SEA ISTE …..) (2marks for first membership & 3 marks for second membership) | Life Member ISTE No: LM40482 | 2/5 |
| Contribution to | 1) CSE Department COVID TASK FORCE Coordinator in KSIT | |

| Cultural / Sports Events (Furnish Details) [Marks to be granulated based on the responsibility and participation by the HOI.] | 2) Participated and supported in organizing cultural fest Aarohana-2022<br>3) Participated and supported in organizing Sports Day-2022 | 5/5 |
|---|---|---|
| Contribution towards Branding, Admissions, etc [Marks to be granulated based on the responsibility and participation by the HOI.] | Admission Committee Member - 2022 | 10/10<br><br>10\|10 |
| | TOTAL | 137/190 |

132 + 15 = 147/180

Date:

Signature of faculty

Comments from the HOD:

Signature of the HOD

Comments of the Principal after the discussion:

15. Rama

Signature of the Principal

CEO

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

## List of Subjects Taught till date and percentage pass

| YEAR | ODD SEM | EVEN SEM | SUB CODE | SUB NAME | RESULT |
|---|---|---|---|---|---|
| 2021-2022 | V A& B | | 18CS54 | AUTOMATA THEORY AND COMPUTABILITY | 96.62% |
| | | IV A & B | 18CS42 | DESIGN ALGORITHMS AND ANALYSIS | Exams Not Yet Conducted |
| 2020-2021 | V A&B | | 18CS54 | AUTOMATA THEORY AND COMPUTABILITY | 89.21% |
| | | IV A | 18CS42 | DESIGN ALGORITHMS AND ANALYSIS | Promoted 100% |
| | | VI A | 17CS653 | OPERATIONS RESEARCH | Promoted 100% |
| 2019-2020 | V A&B | | 17CS54 | AUTOMATA THEORY AND COMPUTABILITY | 89.58% |
| | | VI A&B | 17CS653 | OPERATIONS RESEARCH | 100.00% |
| 2018-19 | V A&B | | 15CS54 | AUTOMATA THEORY AND COMPUTABILITY | 94.53% |
| | | VI A&B | 15CS661 | OPERATIONS RESEARCH | 100.00% |
| | M.Tech II | | 18SCS22 | ADVANCED ALGORITHMS | 100.00% |
| 2017-18 | V A&B | | 15CS54 | AUTOMATA THEORY AND COMPUTABILITY | 98.37% |
| | | VI A&B | 15CS661 | OPERATIONS RESEARCH | 100.00% |
| 2016-17 | V A&B | | 10CS56 | FORMAL LANGUAGES AND AUTOMATA THEORY | 87.50% |
| | | VI A&B | 10CS661 | OPERATIONS RESEARCH | 97.52% |
| 2015-16 | V A&B | | 10CS56 | FORMAL LANGUAGES AND AUTOMATA THEORY | 95.12% |
| | | VI A&B | 10CS661 | OPERATIONS RESEARCH | 98.37% |
| 2014-15 | V A&B | | 10CS56 | FORMAL LANGUAGES AND AUTOMATA THEORY | 89.84% |
| | | VI A&B | 10CS661 | OPERATIONS RESEARCH | 99.20% |
| 2013-14 | V A&B | | 10CS56 | FORMAL LANGUAGES AND AUTOMATA THEORY | 98.02% |
| | | VI A&B | 10CS661 | OPERATIONS RESEARCH | 99.07% |
| 2012-13 | III A & B | | 10CS35 | DATA STRUCTURES | 97.62% |
| | | VI A&B | 10CS661 | OPERATIONS RESEARCH | 96.03% |
| 2011-12 | V A&B | | 06CS56 | FORMAL LANGUAGES AND AUTOMATA THEORY | 98.00% |
| | | VI A&B | 06CS661 | OPERATIONS RESEARCH | 100.00% |
| 2010-11 | III A & B | | 06CS34 | DISCRETE MATHAMATICAL STRUCTURES | 91.27% |
| | V A&B | | 06CS56 | FORMAL LANGUAGES AND AUTOMATA THEORY | 94.83% |
| | | VI A&B | 06CS661 | OPERATIONS RESEARCH | 96.58% |
| 2009-10 | III A & B | | 06CS34 | DISCRETE MATHAMATICAL STRUCTURES | 83.09% |
| | | IV A& B | 06CS43 | ANALYSIS OF DESIGN AND ALGORITHMS | 92.75% |
| 2008-09 | III A & B | | 06CS34 | DISCRETE MATHAMATICAL STRUCTURES | 100.00% |
| | | IV A& B | 06CS43 | ANALYSIS OF DESIGN AND ALGORITHMS | 92.42% |
| 2007-08 | III | | 06CS34 | DISCRETE MATHAMATICAL STRUCTURES | 88.73% |
| | | IV | 06CS43 | ANALYSIS OF DESIGN AND ALGORITHMS | 94.37% |
| 2006-07 | III | | 06CS34 | DISCRETE MATHAMATICAL STRUCTURES | 98.46% |
| | | IV | 06CS43 | ANALYSIS OF DESIGN AND ALGORITHMS | 92.42% |
| 2005-06 | III | | CS34 | DISCRETE MATHAMATICAL STRUCTURES | 98.57% |
| | | IV | CS43 | ANALYSIS OF DESIGN AND ALGORITHMS | 80.88% |
| 2004-05 | III | | CS34 | DISCRETE MATHAMATICAL STRUCTURES | 94.00% |
| | | IV | CS43 | ANALYSIS OF DESIGN AND ALGORITHMS | 88.00% |
| 2003-04 | III | | CS34 | DISCRETE MATHAMATICAL STRUCTURES | 93.00% |
| | | IV | CS43 | ANALYSIS OF DESIGN AND ALGORITHMS | 88.00% |
| 2002-03 | III | | CS34 | DISCRETE MATHAMATICAL STRUCTURES | 100.00% |
| | | IV | CS43 | ANALYSIS OF DESIGN AND ALGORITHMS | 95.16% |
| 2001-02 | III | | CS34 | DISCRETE MATHAMATICAL STRUCTURES | 96.07% |
| | | IV | CS43 | ANALYSIS OF DESIGN AND ALGORITHMS | 93.55% |

## DETAILS OF FDP'S ATTENDED

| SL.NO | NAME OF FDP | DAYS | PLACE | DATE |
|---|---|---|---|---|
| 1 | Block Chain Technology | 3 | Kallam Harandahareddy Institute of Technology | 26-05-2020 to 28-05-2020 |
| 2 | Artificial Intelligence | 5 | Rao Bahadur Y Mahabaleswarappa Engineering College, Ballari | 22-05-2020 to 26-05-2020 |
| 3 | Cloud Data Centre Infrastructure | 3 | Kallam Harandahareddy Institute of Technology | 18-05-2020 to 20-05-2020 |
| 4 | OUTCOME SDBASED EDUCATION-NBA | 3 | KSIT | 17TH -19TH JUL 2019 |
| 5 | NEW MODEL CURRICULAUM FOR PG COURSE (MTECH/MBA) CBCS DETAILED SYLLABUS (2018-19) AS PER OUTCOME-BASED EDUCATION (OBE) FORMAT INCLUDING COURSE OUTCOMES (CO) AND BLOOM'S TACONOMY | 1 | BNMIT | 06TH AUG 2018 |
| 6 | OOP WITH JAVA | 1 | KSIT | 31ST JAN 2017 |
| 7 | RASPBERRY PI & ITS APPLICATIONS IN IOT | 4 | KSIT | 18TH TO 21ST JAN 2017 |
| 8 | OPP WITH JAVA FOR DAA LAB & ARM MICROCONTROLLER | 6 | JIT | 16TH TO 21ST JAN 2017 |
| 9 | ACADEMIC LEADERSHIP PROGRAM | 3 | KSIT | 26TH TO 28TH JULY 2013 |
| 10 | TEACHING & LEARNING PRACTICES, RESEARCH METHODOLOGY AND WRITING PROJECT PROPOSALS | 2 | KSIT | 24TH TIO 25TH JAN 2011 |
| 11 | OPENGL PROGRAMMING | 3 | MS RAMAIAH | 07TH TO 09TH MAY 2009 |

## Faculty Attending Webinar/FDP/Workshop and Invited talks

| Sl. No. | Event | Program name | Venue | Date | Duration |
|---------|-------|--------------|-------|------|----------|
| 1 | Webinar | Personality Development Through Online Course – The 3 Dimensional Learning | Vivekananda Institute of Technology, Bengalore | 1/6/2020 | 1 Day |
| 2 | Webniar | Making an Effective Research Proposal – The winning Way | Vivekananda Institute of Technology, Bengalore | 28-05-2020 | 1 Day |
| 3 | Online FDP | Block Chain Technology | Kallam Harandahareddy Institute of Technology | 26-05-2020 to 28-05-2020 | 3 Days |
| 4 | Webinar | Data Science Workshop – Face Detection | Geekspace | 25-05-2020 | 1 Day |
| 5 | Webinar | IOT and Its Applications | Rao Bahadur Y Mahabaleswarappa Engineering College, Ballari | 25-05-2020 | 1 Day |
| 6 | Webinar | Data Analytics- Innovative Research Methods and Data Analysis | Vignan's Institute of Management and Technology forWomen, Hyderabad | 23-05-2020 | 1 Day |
| 7 | Quiz | Applications of IOT in Embedded Systems | Dr. AIT, Bangalore | 23-05-2020 | 1 Day |
| 8 | National Level | Artificial Intelligence | Rao Bahadur Y Mahabaleswarappa | 22-05-2020 to 26-05-2020 | 5 Days |
| 9 | Webinar | Strategic Planning and BestPractices | Rao Bahadur Y Mahabaleswarappa Engineering College, Ballari | 22-05-2020 | 1 Day |
| 10 | Webinar | OOPS in PHP | SJBIT, Bangalore | 22-05-2020 | 1 Day |
| 11 | Webinar | The Big Thing is Reealy Small : The World of Nano Technology | ATRIA Institute of Technology | 21-05-2020 | 1 Day |
| 12 | Quiz | Awareness of Online Teaching Aids for Teachers | AISSMS Institute of Information Technology, Pune | 20-05-2020 | 1 Day |
| 13 | Online FDP | Cloud Data Centre Infrastructure | Kallam Harandahareddy Institute of Technology | 18-05-2020 to 20-05-2020 | 3 Days |
| 14 | Webinar | Introduction to Web Application Development Using PHP | ACSCE, Bangalore | 18-05-2020 | 1 Day |
| 15 | Online Quiz | Basics of Object Oriented Programming (C++) | Shri Shivaji Education Society Amravati's College of Engineering and Technology, Akola | 17-05-2020 | 1 Day |
| 16 | Quiz | Python Programming | Sandip Institute of Technology and Management | 9/5/2020 | 1 Day |

# IARJSET

Google Scholar **doi** ≡ Crossref **MENDELEY**

## CERTIFICATE OF PUBLICATION

## DR. K. VENKATA RAO

Prof., Dept of Computer Science, K S Institute of Technology, Bengaluru, Karnataka

Published a paper entitled

## Anti-Poaching Detection System For Forests

Volume 9, Issue 3, March 2022

Editor-in-Chief
IARJSET

Ref. No: JU/BOE/B.TECH /JULY 2022                          Date: 20/06/2022

**CONFIDENTIAL**

To,

**Dr. Venkata Rao K**

**Professor & Head,**

**Department of Computer Science and Engineering**

**KSSEM,**

**Bangalore**

Sir,

**Subject: Appointment as member of BOE for B.Tech. Examinations July 2022**

By the direction of Vice-Chancellor, I am pleased to appoint you as member of BOE for B.Tech Examinations July 2022. You are requested to accept the assignment.

| | |
|---|---|
| Branch | : **Computer Science & Engineering and Allied Branches** |
| Semesters | : $2^{nd}$, $4^{th}$, $6^{th}$ and $8^{th}$ |
| Time | : 10.00 AM |
| Date | : 27/06//2022 & 28/06//2022 |
| Venue | : **MATS Tower, 319, 17th Cross, 25th Main** |
| | **J.P. Nagar 6th Phase, Bangalore-560078** |
| | Ph: 080 43430400 |
| | Mobile Ph: 9845017675 / 9845730509 |

The members are required to scrutinize the question papers and distribution of marks as per the university pattern. The final drafts should be submitted to the chairman of the board.

Thanking you,

Yours sincerely,

**Controller of Examinations**

**JAIN**
DEEMED-TO-BE UNIVERSITY

# ATTENDANCE CERTIFICATE

Ref : JU/EX/ .......... /20 ..........

Date : 28-06-2022

This is to certify that Mr./Ms. .......... Dr. K. VENKATA RAO ..........

of .......... K.S.S.E.M .......... College/University

has attended valuation/examination-work from .......... 27/06/22 .......... to .......... 28/06/... ..........

.......... Course .......... semester .......... subject.

Signature with seal
DEPUTY CONTROLLER OF EXAMINATIONS
JAIN (Deemed-to-be University)
Jain Global Campus, Jakkasandra Post,
Kanakapura Taluk, Ramanagara District - 562 112

# STAFF SELF APPRAISAL REPORT

# 2021-2022

## KSSEM

| Field | Data | SCORE |
|---|---|---|
| Name | Sandhya A Kulkarni | |
| Present Address, Mob.No., e-mail id. | #63 SRIGUNDAPPA NILAYA, KEMBHATHALLI ROAD, GOTTIGERE ,BENALURU-560083 MOBILE NO-9480703601 sandhya.a.kulkarni@kssem.edu.in | --- |
| Age and Date of Birth | 40 years ,07-Oct-1982 | |
| Qualification | M.Tech | |
| Designation and Department | Assistant Professor | |
| Teaching Experience (After PG) | 9 years 3 months | |
| Other Experience(If any) | - | |
| List of Subjects Taught till date (use separate sheet if necessary) | Separate Sheet Attached | |
| Number of FDPs attended since joining service (Attach Separate List) | Separate Sheet Attached | -- |
| *Subjects taught in the Assessment Year and percentage pass (Both Theory & Practicals) (10marks for each x Percentage) If Online please indicate. | 1. Analog and Digital Electronics (18cs33)-88% 2. Management and Entrepreneurships for IT industry -(18CS51)- 100% 3. Analog and Digital Electronics lab (18csl37)-100% 4. Computer Graphics & Graphics and Visualization (18CS62)- awaiting results 5. System Simulation and Modelling – (18CS645)- awaiting results 6. Computer Graphics & Visualization lab with mini project 18csl67-awaiting results | 40/40 |
| Details of UG Projects Guided (5 marks/ project guided) Provide Titles (HOD to endorse) | 1. Text Summarization of Covid Data Using Machine Learning Techniques 2. Student Marks Prediction Using Machine Learning Techniques | 10/10 |
| Details of PG Projects Guided (5 marks/ project guided) Only for MBA/M.Tech. | NOT APPLICABLE | - |

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| Provide Titles (HOD to Endorse) | | |
|---|---|---|
| Percentage of classes held ( No. of classes taken/no. of classes allocated x 5) Give details. HOD to Endorse. | 1. Analog and Digital Electronics (18cs33)- 78 classes<br>2. Management and Entrepreneurships for IT industry -(18CS51)- 45<br>3. Analog and Digital Electronics lab (18csl37)- 16-labs<br>4. System Simulation and Modelling – (18CS645)-48<br>5. Computer Graphics & Graphics and Visualization (18CS62)-55<br>6. Computer Graphics & Visualization lab with mini project 18csl67- 10 labs for each batches *Verified* | 5/5 |
| Student Feedback for Offline / Online classes. (Av.Percentage x 5 marks) Give details. HOD to verify. | 1. Analog and Digital Electronics -95%<br>2. Management and Entrepreneurships for IT industry - 100% *Verified* | 5/5 |

*Marks to be awarded for subjects for which end exam was conducted

| Details of students mentored during current assessment year. (Furnish details) | 1KG19CS041-1KG20CS402 | -- |
|---|---|---|
| Details of Participation in VTU Bodies (2 Marks) Furnish details and proofs. | - | 0/2 |
| Details on Examination related Activity (2marks each) Marks only for external responsibility.) | 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) Provide Title, dates etc. HODs to verify | 1)FDP on outcome based education at KSIT -17th March -19th March 2022.<br><br>2) AICTE- ISTE Sponsored Refresher Program on "Design Thinking" held during 07th March 2022 to 12th March 2022, organized by the VTU e-learning center, Mysuru and Vidyavardhaka College of Engineering, Mysuru. *Verified* | 10/10 |

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| | | |
|---|---|---|
| Financial Assistance received during current year for attending FDPs | Rs. | -- |
| Status of Ph.D. [Attach proof for each stage and for every claim]<br><br>Ph.D. Completed – 10 marks. | 1. Applied for registration formalities (1 mark)<br>2. Identified Guide/Research Centre and preparing research Proposal ( 1mark.) | 2/10 |
| Research Publications: (5 marks each) Provide Full Details. HODs to verify. [Attach copies of Title Page] | 1. Text Summarization of Covid Data Using Machine Learning Techniques -paper has been submitted to IJCRT<br><br>*Validated* (signature)<br><br>2. Student Marks Prediction Using Machine Learning Techniques- paper has been submitted to IJCRT | 10/10 |
| Seminars / Workshops / Conferences attended (5 Marks each) Data to be verified by HODs. [Attach Certificate Copies] | 1. Full Stack web development with bootstrap and angular" organized by CSE,KSSEM from 29th Nov 2021 to 8th Dec 2021.<br>2. "Reimagining IT Education in Atmanirbhar Bharath" with BiTES ,Bengaluru on 13th Sept-2021<br><br>*Validated* (signature) | 10/10 |
| Financial Assistance received during current year for attending such events. | Rs. | -- |
| Registered as Research Guide (Reasons for not registering) | Yes / No<br>If ' Yes ' furnish details. | - |
| Research Scholars registered with details | Yes / No<br>If Yes, 5 marks | 0/5 |
| Details of Patents Applied for (If any) One application 5 marks Provide Details. | - | 0/5 |
| Academic Programs organized and supported during current year.(Only FDP /Workshop /Seminar / | • Project exhibition 2022- Certificate Coordinator<br>• "Full Stack web development with bootstrap and angular" organized by CSE,KSSEM from 29th Nov 2021 to 8th Dec 2021. | 5/5 |

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| | | |
|---|---|---|
| Conference) . Do not include Webinars. | | |
| Details of programs attended for skill development like MOOCs, MOODLES, COURSERA, NPTEL and others (Only programs >= 20 hours need to be considered. | Name of the course: Machine Learning, ML | 5/5<br><br>3/5 |
| Details of Utilization of NPTEL and other Online materials for augmenting own lectures. Provide proof for using this in the classroom. HOD to Verify. | https://onlinecourses.nptel.ac.in/noc21_cs97/preview<br>https://nptel.ac.in/courses/112107220<br><br>*Verified.* | 5/5 |
| Details of Project Proposal submitted during the current year. (At least one) Provide Details | KSCST, VTU INNOVATIVE PROJECTS | 5/5<br><br>2/5 |
| Details of Project Funds Received. (including KSCST & VTU financial assistance) | VTU INNOVATIVE PROJECTS | 5/5 |
| Consultancy Revenue Generated | - | 0/5 |
| Details of Participation in cultural events during the current year | 1) Participated in Rangoli event, and won second place<br>2) Participated in carrom event and won first prize<br>3) Participated in cooking without fire. | |
| Additional Responsibilities in the Department/ College Example: Head, Coordinator , Accreditation etc.(2marks for each responsibility) | 1) Timetable Coordinator<br>2) IQAC Coordinator<br>3) Test Coordinator<br>4) Internship Coordinator<br>5) Result Analysis Coordinator<br>6) Mentor<br>7) Project Guide<br>8) Seminar Guide<br>9) Internship Guide | 10/10<br><br>8/10 |

| Details of Live Membership for Professional Bodies (IEEE CSI SEA ISTE .....) (2marks for first membership & 3 marks for second membership) | • Life member of Indian Society for Technical Education(ISTE) LM94806 <br> • IAENG membership Member Number: 315550 <br> • ASR Member Number: R219093431. | 5/5 |
|---|---|---|
| Contribution to Cultural / Sports Events (Furnish Details) [Marks to be granulated based on the responsibility and participation by the HOI.] | Cultural Coordinator for Aarohana 2022 <br><br> Verified. | 5/5 <br><br> 2/5 |
| Contribution towards Branding, Admissions, etc [Marks to be granulated based on the responsibility and participation by the HOI.] | Tele calling <br><br> Verified. | 10/10 <br><br> 6/10 |
| | **TOTAL** | 155/190 |

14-1 / 180

**Date:** 16/7/22

**Signature of faculty**

15. Bonoj

**Comments from the HOD:**

She is an excellent worker, dedicated, sincere & Very co-operative faculty and well deserved staff for the CSE dept.

**Signature of the HOD**

18/7/22

5

## List of Subjects Taught till date and percentage pass

| Sl.No | Semester/Year | Class | Subject | Theory/Lab | Over all Class Result (%) |
|-------|---------------|-------|---------|------------|---------------------------|
| 1 | 3/2013-14 | A | LD | THEORY | 89% |
| 2 | 3/2013-14 | B | LD | THEORY | 76% |
| 3 | 3/2013-14 | A | EC&LD | LAB | 100% |
| 4 | 4//2014-15 | A | CO | THEORY | 89.47% |
| 5 | 8/2014-15 | A | SMS | THEORY | 96.15% |
| 6 | 3/2014-15 | A | LD | THEORY | 89% |
| 7 | 3/2014-15 | B | LD | THEORY | 76% |
| 8 | 3/2014-15 | A &B | EC&LD | LAB | 100% |
| 9 | 4/2015-16 | A | CO | THEORY | 100% |
| 10 | 6/2015-16 | B | CG | THEORY | 98% |
| 11 | 6/2015-16 | B | CG | LAB | 100% |
| 12 | 3/2015-16 | A | EC&LD | LAB | 100% |
| 13 | 3/2015-16 | B | EC&LD | LAB | 100% |
| 14 | 3/2016-17 | A | ADE | THEORY | 78% |
| 15 | 3/2016-17 | B | ADE | THEORY | 86% |
| 16 | 3/2016-17 | A | ADE | LAB | 96.8 |
| 17 | 4/2016-17 | A | SE | THEORY | 87% |
| 18 | 6/2016-17 | A | CG | THEORY | 98% |
| 19 | 6/2016-17 | A | CG | LAB | 100% |
| 20 | 6/2017-18 | B | CG | THEORY | 94% |
| 21 | 8/2017-18 | B | SMS | THEORY | 100% |
| 22 | 6/2017-18 | A | CG | LAB | 100% |
| 23 | 5/2017-18 | B | ECS | THEORY | 98% |
| 24 | 3/2017-18 | B | ADE | THEORY | 87% |
| 25 | 3/2017-18 | B | ADE | LAB | 100% |

| 26 | 3/2018-19 | B | ADE | THEORY | 96% |
|----|-----------|---|--------|--------|------|
| 27 | 3/2018-19 | B | ADE | LAB | 100% |
| 28 | 5/2018-19 | B | FCS | THEORY | 98% |
| 29 | 6/2018-19 | A | OR | THEORY | 98% |
| 30 | 6/2018-19 | A | CG | LAB | 100% |
| 31 | 8/2018-19 | B | SMS | THEORY | 100% |
| 32 | 3/2019-20 | A | ADE | THEORY | 78% |
| 33 | 3/2019-20 | A | DOTNET | THEORY | 93.02% |
| 34 | 5/2019-20 | A | ADE | LAB | 94% |
| 35 | 6/2019-20 | A | CG | THEORY | 100% |
| 36 | 8/2019-20 | A | SMS | THEORY | 98% |
| 37 | 6/2019-20 | A | CG | LAB | 100% |
| 38 | 3/2020-21 | A | ADE | THEORY | 79% |
| 39 | 5/2020-21 | B | DBMS | THEORY | 88% |
| 40 | 3/2020-21 | A | ADE | LAB | 97% |
| 41 | 6/2020-21 | B | CG | THEORY | 100% |
| 42 | 6/2020-21 | B | CG | LAB | 100% |
| 43 | 8/2020-21 | B | UID | THEORY | 98% |
| 44 | 3/2021-22 | B | ADE | THEORY | 88% |
| 45 | 3/2021-22 | B | ADE | LAB | 100% |
| 46 | 5/2021-22 | B | M&E | THEORY | 100% |
| 47 | 6/2021-22 | A | CG | THEORY | Results awaiting |
| 48 | 6/2021-22 | A | CG | LAB | Results awaiting |
| 49 | 6/2021-22 | B | SMS | THEORY | Results awaiting |

# List of FDP's/ Workshop Attended

- Online training on "effective utilization of VTU subscribed e-resources anywhere, anytime, any device using KSSEM digital library powered by knimbus held on 23rd aug 2021.

- Online FDP on "Emerging Trends in Computation" in association with Cisco Systems (India) Private Limited, Bangalore during 2nd August to 6th August 2021 organized by Department of CSE, ISE and MCA, M S Ramaiah Institute of Technology, Bangalore, India.

- Webinar on "workshop on IPR" organised by IEEE KSSEM student branch in association with IEEE bangalore section on 27th march 2021.

- Webinar on "Infrastructure as Code (IaC) on Cloud" oragnised by presidency university on 27th feb 2021.

- Attended STTP on Design and development of IoT applications organised by E&C dept., EWIT bengaluru from 4th Jan 2021 to 9th jan 2021.

- Webinar on Paper writing and research report on innovation organised by CSE dept, CIT, tumkur on 29th December 2020.

- Recent Trends in Engineering materials, Nano Science and Nano Technologyorganised by Global Academy of Technology from 9th to 13th Nov 2020

- Python And Mobile Application Development Organized by HKBK College Of Engineering from 3rd-8th Sep 2020

- Writing A Research Article Organized by Jssate Bengaluru on 19-08-2020

- Leading Edge In Industrial Practice Organized by KSSEM,Bengaluru from 10th-14th Aug 2020

- Emerging Trends In Data Science Organized by AMCEC from 5th-6th Aug 2020

- Website Development Using Spring Boot With Mongodb Organized by Global Academy Of Technology on 25-07-2020

- "Latex For Paper And Thesis Writing", Organized by Presidency University on 18-07-2020

- AWS Cloud Practitioner Organized by East Point College Of Engineering And Technology on 15-07-2020

- "Block Chain Applications" Organized by SJBIT on 14-07-2020

- "Capstone Projects" Organized by Vivekananda Institute Of Technology on 25-06-2020

- Open Source Oppurtunities For Students And Faculties Organized by Vivekananda Institute Of Technology on 19-06-2020

- Chatbots And Use Cases Organized by AMCEC on 20-06-2020
- "Cyber Forensics" Organized by Sri Venkateshwara College Of Engineering And Technology on 10-06-2020
- "Emerging Technologies & Use Of Ai In Banking And Financial Services" Organized by Sri Venkateshwara College Of Engineering And Technology on 04-06-2020
- 3d Modelling Mode Converters Organized by Sri Venkateshwara College Of Engineering And Technology on 03-06-2020
- Introduction To R & Data Science Organized by KSSEM on 8th FEB 2020
- Insights Into The Vocabulary Of Modern Technologies Organized by KSIT, Bengaluru from 27-31 Jan 2020
- Problem Solving With PYTHON Organized by KSIT, Bengaluru from 3rd Jan- 4th Jan 2020
- Attended 2 days workshop on "problem solving with python" on 3 and 4 Jan 2019 at KSSEM, Bengaluru, under BITES.
- Attended Half a day FDP on "Learn2Learn" by Mr Sripad Krishna Murthi on 19th July2019 at KSSEM, Bengaluru, under BITES.
- Attended one day workshop on "verifying functional correctness of programs " held at jyothy institute of technology on 29-01-2018.
- Participated in short term course on "Foundations of Cryptography" under QIP, conducted during 30th July - 3rd August 2017 at IISc Bengaluru.
- Attended FDP on Android Developer Fundamentals course organized jointly by VTU & Google from 19th June – 23rd June 2017
- Participated in FDP on "Training the trainer workshop on Intellectual Property Rights Significance for Academia" on 31st July 2015.
- Attended workshop on "ARM "held at BVBCET Hubli.
- Attended workshop on "Software Testing" Science", at Islamiah Institute of Technology, Bangalore.
- Attended FDP on "Research Methodologies" by Dr. S. N. Sridhara, Principal/Director, KSSEM and Dr. M. Aswatha Kumar, Professor, Dept. of CSE, KSSEM, 30th Jan2014.
- Attended 4 day FDP on "Big Data Analytics and Hadoop ",VTU-VGST sponsored from 19-5-2014 to 22-5-2014 at KSSEM,Banaglore.
- Attended 4 day FDP on MATLAB and EXCEL from 17-7-2014 to 18-7-2014 delivered by Mechanical, E&C, and EEE Dept.

# Visvesvaraya Technological University
### Jnana Sangama, Belagavi - 590018

A Project Work Phase-2 (18CSP83)

Report on

# "Text Summarization of Covid Data using Machine Learning Techniques"

*Project Report submitted in partial fulfilment of the requirement for the*

*award of the degree of*

## BACHELOR OF ENGINEERING

IN

## COMPUTER SCIENCE AND ENGINEERING

### Submitted by

| | |
|---|---|
| AMITHA S M | 1KG18CS008 |
| AMULYA D M | 1KG18CS009 |
| DEEKSHITHA V REDDY | 1KG18CS026 |
| DEEPTHI T E | 1KG18CS028 |

Under the guidance of
**Mrs. Sandhya A Kulkarni**
**Assistant Professor**
**Department of Computer Science & Engineering**
**KSSEM, Bengaluru-560109**

**KSSEM**

### DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
# K. S. School of Engineering and Management
#### #15, Mallasandra, off. Kanakapura Road, Bengaluru – 560109
#### 2021 - 2022

# Visvesvaraya Technological University

Ref.No / VTU /RO /Pract

Date:

## STRICTLY CONFIDENTIAL

To.

MRS. SANDHYA A KULKARNI
K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BANGALORE
9480703601

Sir/Madam,

Subject : Appointment as an examiner for Practical Examination

By direction of the Vice-Chancellor, I am to inform you that, you are appointed as an Examiner in the Practical Examination as indicated Below. The Practical Examinations are to be conducted as per the scheme of examination and jointly with the Co-Examiner.

| SLNO | Center | Semester | Subject Code | Subject Name | Time | Date | Batch Number | No. of Candidates | Name of the Co-Examiner |
|------|--------|----------|--------------|--------------|------|------|--------------|-------------------|-------------------------|
| 1 | K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BANGALORE | 5 | 18CSL58 | DBMS Laboratory with mini project | 08:30 to 11:30, 11:30 to 02:30, 02:30 to 05:30, | 2021-01-25 | 1,2,3 | 10,10,10 | DR. PRADEEP K R, K S SCHOOL OF ENGINEERING AND MANAGEMENT, BANGALORE |
| 2 | K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BANGALORE | 5 | 18CSL58 | DBMS Laboratory with mini project | 08:30 to 11:30, 11:30 to 02:30, 02:30 to 05:30, | 2021-01-27 | 4,5,6 | 7,10,10 | DR PRADEEP K R, K S SCHOOL OF ENGINEERING AND MANAGEMENT, BANGALORE |
| 3 | K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BANGALORE | 5 | 15CSL58 | DBMS Laboratory with Mini Project | 08:30 to 11:30, | 2021-01-30 | 1 | 3 | MRS. ANITHA S, K S SCHOOL OF ENGINEERING AND MANAGEMENT, BANGALORE |
| 4 | K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BANGALORE | 5 | 17CSL58 | DBMS Laboratory with mini project | 02:30 to 05:30. | 2021-01-30 | 1 | 4 | MRS. AMITHA S, K S SCHOOL OF ENGINEERING AND MANAGEMENT, BANGALORE |

CamScanner

JU/UG/EXAM/Dec/2021

**STRICTLY CONFIDENTIAL**

Date: 21/10/2021

To:

Prof.Sandhya
K.S. School of Engineering and Management,
Bengaluru, Karnataka 560062

Sir/Madam

**Sub: Appointment of Question Paper Setter for the Examination- December 2021**

It is my pleasure to inform you that, you have been appointed as a Question paper setter for the B.Tech Examinations of **December 2021** by the directions of the Hon. Vice Chancellor.

I request you to prepare a set of question paper for the subject as per the details given below:

| Semester | 5 |
|---|---|
| Branch | DS |
| Subject Code | 18DS5DE11 |
| Subject Title | Datawarehousing and Data mining |
| Last date of submission: 8ᵗʰ November 2021 | |

| Sl. No. | Details |
|---|---|
| 1 | Eight questions are to be set covering entire syllabus. **(student shall answer 5 full question)** |
| | Q1 and Q2 are compulsory from UNIT 1 and UNIT 2 respectively. |
| | Q3 and Q4 from UNIT 3, Q5 and Q6 from UNIT 4, Q7 and Q8 from UNIT 5. |
| 2 | There shall be a maximum of three sub divisions under each question. Numerical problems shall be set wherever possible. |
| 3 | Each question will carry **14 marks.** |
| 4 | Provide instruction on issue of handbooks, steam tables, charts etc., wherever absolutely necessary. |
| 5 | Take care to see that all data required are provided. |
| 6 | **Furnish the soft copy of the question paper along with the hard copy of question paper and scheme and solution.** [Scheme and solution can be hand written hard copy] Figures can be neatly drawn, scanned and pasted in the question paper. |
| 7 | The scheme and solution should contain detailed step by step solution along with distribution of marks accounting for the total marks allotted for the question. For questions seeking descriptive answers, the important points to be covered are to be mentioned; mere breakup of marks will not be sufficient. **Question paper without scheme and solution is liable for rejection.** |

8   Set questions such that they demand specific answers.

9   Indicate any alternate answer or solution to a problem (if any) in the scheme.

10  Ensure that no hard copy or soft copy of any material relevant to question paper is retained by you.

11  Kindly return the declaration form duly signed.

12  Prepare and enclose the bill as per the remuneration shown in the following table along with your Bank account details.
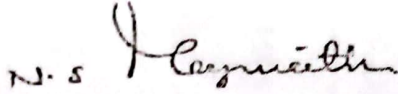
*Ensure that the question paper along with scheme and solution reaches the undersigned on or before 8th November 2021.*

### Remuneration

| Program | Remuneration (Rs.) Paper Setting, Scheme & Solution |
|---------|------------------------------------------------------|
| B.Tech  | Rs. 950/- (Total Rs 950/-)                           |

Thanking you

With regards

N. S

**Controller of Examinations**

**Encl:**
1. Copy of the syllabus
2. Remuneration Bill
3. Declaration by Paper Setter
4. Model Question paper or previous Exam Question Paper

**Note:**
For any further clarification please contact:

| |
|---|
| Dr. Gopalakrishna K |
| Deputy Controller of Examinations |
| Jain (Deemed-to-be-University) |
| Mobile Ph. No.: +919845730509 |
| E-mail: k.gopalakrishna@jainuniversity.ac.in |

# Global Academy of Technology

(An Autonomous Institution Approved by UGC/AICTE/GOK, Affiliated to VTU, Belagavi,)

Belagavi, Karnataka)

Ideal Homes Township, Raja Rajeshwari Nagar, Bengaluru-560098

## VTU Digital Valuation Centre

---

**ATTENDANCE CERTIFICATE**

**NOT FOR TA and DA**

Date: 15/8/21

---

This is to certify that Prof. __Sandhya A Kulkarni__ of _____ college has attended

the Valuation work from __19/8/21__ to __14/8/21__ and completed valuation in the Subject (s)

UG/PG __J.V__ Subject code(s) __17CS832__ Number of

scripts valued __200__

CHIEF Coordinator

VTU Digital Valuation Centre

GAT, Bengaluru-560 098.

# Visvesvaraya Technological University

### Belagavi – 590 018, Karnataka State, INDIA

B.E.Rangaswamy
jistrar (Evaluation)

Phone: (0831) 2498131
Fax : (0831) 2498184

af. No.VTU/BGM/Reg(E)/VAL-1-2021/

Date: 12-08-2021

o,

SANDHYA A KULKARNI
Department of CS
K.S. SCHOOL OF ENGINEERING AND MANAGEMENT BENGALURU

Sir/Madam,

**Subject:Valuation of answer scripts – reg.**

With reference to the above, you are appointed as Valuator as per the following details:

Valuation Centre :00003 – VTU Regional Office, Bengaluru

Date of Reporting: 2021-08-12

Subjects : 17CS832

Instructions, if any, will be issued by the Chief coordinator, VTU Valuation Centre from time to time and you are required to follow the instructions scrupulously.Soliciting your best cooperation at all times.

With warm regards,

Rangaswamy B.E

Dr. B.E.Rangaswamy
Registrar (Evaluation)

## Kammavari Sangham(R)1952

# K. S. INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi; Affiliated to VTU, Belagavi, Karnataka; Accredited by NAAC
#14, Raghuvanahalli, Kanakapura Main road, Bengaluru-560109
Tel : 28435723  Email : principal@ksit.edu.in  Web : www.ksit.edu.in

**IEEE**
BANGALORE SECTION

## 3 DAYS FACULTY DEVELOPMENT PROGRAM
### on
### "OUTCOME BASED EDUCATION"

# Certificate of Participation

This is to certify that ....Ms...Sandhya...A...Kulkarni.., K.S.S.E.M.....

has participated in the 3 Days Faculty Development Program on "Outcome Based Education"

at  K.S. Institute of Technology Bengaluru from 17ᵗʰ - 19ᵗʰ March 2022.

**Dr. P. N. Sudha**
*Chief Coordinator NBA*
*Prof. & Head ECE Department*

**Dr. S. Bhaskar**
*Head - Office of PG Studies*
*Kumaraguru College of Technology*

**Dr. Dilip Kumar K.**
*Principal & Director K.S.I.T.*

**Dr. K. V. A. Balaji**
*CEO K. S. Group of Institut*

CamScanner

# CERTIFICATE OF PARTICIPATION

This is to certify that

## Sandhya A Kulkarni

Has successfully completed a one—week AICTE- ISTE Sponsored Refresher Program on "Design Thinking" held during 07th March 2022 to 12th March 2022, organized by the VTU e-learning center, Mysuru and Vidyavardhaka College of Engineering, Mysuru.

Dr. B Sadashive Gowda
Principal
VVCE, Mysuru

Dr. P Sandya
Special Officer
VTU e-learning center, Mysuru

Made for free with Certify'em

ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

("ವಿ ಜ ಯು ಅಧಿಯಮ ೧೯೯೪" ರ ಅಡಿಯಲ್ಲಿ ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿತವಾದ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ)
"ಜ್ಞಾನ ಸಂಗಮ", ಮಚ್ಚೆಗಾಂ-ಬೆಳಗಾಂ, ಕರ್ನಾಟಕ, ಭಾರತ

## Visvesvaraya Technological University

(State University of Government of Karnataka Established as per the VTU Act, 1994)
"Jnana Sangama" Belagavi-590018, Karnataka, India

**Prof. A. S. Deshpande, B.E., M.Tech., Ph.D.**
**REGISTRAR**

Phone: (0831) 2498100
Fax : (0831) 2405467

VTU/BGM/Aca/Ph.D./2020-21/878

Date: December 31, 2021

### Provisional Registration Letter for Ph.D. Degree Programme

(Office Order)

**Sub:** Provisional Ph.D. Registration reg...

**Ref:** 1. Notification No. VTU/BGM/Aca/Ph.D./2020-21/847 dated 07-11-2020.
2. Candidate's ETR Application No. : 0133
3. Hon'ble Vice Chancellor's Order dated 14-12-2021.

Pursuant to the recommendations of the Admission Committee and approval of Honourable Vice Chancellor, you have been selected for provisional admission to pursue Ph.D. programme under Visvesvaraya Technological University, Belagavi.
The details pertaining to the registration are given below:

| Sl.No. | Particulars | |
|---|---|---|
| 1. | Name of the Candidate | SANDHYA A KULKARNI |
| 2. | University Seat Number (USN) | 1KG20PCS02 |
| 3. | Admission Category of Research Programme (Full Time/Part Time). | Ph.D. - Part Time |
| 4. | Faculty under which the degree will be awarded. | FACULTY OF COMPUTER AND INFORMATION SCIENCES |
| 5. | Name of the Research Center | K.S. SCHOOL OF ENGINEERING AND MANAGEMENT BANGALORE |
| 6. | Specialization | COMPUTER SCIENCE AND ENGINEERING |
| 7. | Proposed Research Topic / Area. | Development of an Efficient Sarcasm Detection System for Textual Data |
| 8. | Name and address of the Research Supervisor. | VANDANA JHA Professor - COMPUTER SCIENCE AND ENGINEERING K.S. SCHOOL OF ENGINEERING AND MANAGEMENT BANGALORE |

*****

The Research Scholars shall strictly follow the norms of the University with regard to the Regulations Governing the Degree of Doctor of Philosophy (Ph.D.) / M.S. (Research) - 2020 and any other amendments effected from time to time.

**Registrar**

To,

1. SANDHYA A KULKARNI,#3 SRIGUNDAPPA NILAYA,OPPOSITE TO HP GAS GODOWN, KEMBHATHALLI ROAD,B G ROAD,GOTTIGERE, BENGALURU 560.
2. Principal of the college / Director, Principal or Dean (Architecture)/Chairperson of the University Department/Research

Ref No : IJCRT/Vol 10 Issue 7/282

To,
A Harika

Subject: Publication of paper at International Journal of Creative Research Thoughts.

Dear Author,

With Greetings we are informing you that your paper has been successfully published in the International Journal of Creative Research Thoughts - IJCRT (ISSN: 2320-2882). Thank you very much for your patience and cooperation during the submission of paper to final publication Process. It gives me immense pleasure to send the certificate of publication in our Journal. Following are the details regarding the published paper.

About IJCRT　: Scholarly open access journals, Peer-reviewed, and Refereed Journals, Impact factor 7.97 (Calculate by google scholar and Semantic Scholar | AI-Powered Research Tool) , Multidisciplinary, Monthly, Indexing in all major database & Metadata, Citation Generator, Digital Object Identifier(DOI) | UGC Approved Journal No: 49023 (18)

Registration ID　: IJCRT_223173
Paper ID　　　 : IJCRT2207282
Title of Paper　: STUDENT MARKS PREDICTION USING MACHINE LEARNING TECHNIQUES
Impact Factor　: 7.97 (Calculate by Google Scholar) | License by Creative Common 3.0
Publication Date: 12-July-2022
DOI　　　　　 :
Published in　 : Volume 10 | Issue 7 | July 2022
Page No　　　 : c140-c145
Published URL　: http://www.ijcrt.org/viewfull.php?&p_id=IJCRT2207282
Authors　　　 : A Harika, Akshatha K A, Anirudh A, Eesha B S, Sandhya A Kulkarni
Notification　 : UGC Approved Journal No: 49023 (18)

Thank you very much for publishing your article in IJCRT.

Editor In Chief
International Journal of Creative Research Thoughts - IJCRT
(ISSN: 2320-2882)

Submitted! Please Save This page For Acknowlegment for Submission of paper Save it! Your paper is Successfully submitted 2022-07-12.

Track your paper : https://ijcrt.org/track.php

Submitted: Acknowledgment for Submission of paper. Your paper is Successfully submitted 2022-07-12 paid for acceptance within 1 to 2 days it will done

Dear researchers, it

Thank you for submitting paper in IJCRT INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS (IJCRT). You will be informed for final decision & acceptance of your paper very soon.

Your paper will undergo for NORMAL REVIEW PROCESS of the journal, the

# NAVKIS COLLEGE OF ENGINEERING, HASSAN

**BITES**

KIADB, Thimmanahalli Industrial Area, Kandali, NH75, Hassan, Karnataka 573217
Affiliated to VTU, Approved by AICTE, Recognized by Govt. of Karnataka

## *Certificate of Participation*

This is to certify that **Sandhya A Kulkarni** of K S School of Engineering and Management has participated in the Webinar on **"Reimagining IT Education in Atmanirbhar Bharat"** Organised by Department of Computer Science and Engineering in association with BiTES, Bengaluru on 13th September 2021.

**PROF. K N B MURTHY**
Chairman
BiTES, Bangalore

**DR. H S MOHANA**
Principal
Navkis College of Engineering, Hassan

**DR. M G VENKATESHMURTHY**
Director (Technical)
Navkis College of Engineering, Hassan

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# K.S.School of Engineering and Management

## Department of Computer Science & Engineering

# 15/1,Mallasandra, Off.Kanakapura Road,Bengaluru-560109, Karnataka, India
www.kssem.edu.in
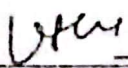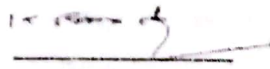
## CERTIFICATE

THIS CERTIFICATE IS PROUDLY PRESENTED TO

### Mrs.Sandhya A Kukarni

for his/her active participation in Five day Workshop on "Full Stack Web Development with Bootstrap and Angular" organized by the Department of Computer Science and Engineering, KSSEM from 29th Nov to 3rd Dec 2021.

**Dr. Vandana Jha**
HOD, Dept. of CSE,
KSSEM

**Dr. K Rama Narasimha**
Principal/Director,
KSSEM

Ref. No: KSSEM/2021-2022/PE/001                    Date 15/06/2022

To,

Dr Deepak. N.A
Associate Professor,
Dept. of CSE,
RV Institute of Technology and Management,
Bangalore-560076

Respected sir,

Sub: Project Exhibition – 2021-22 REQUISITION TO BE A RESOURCE PERSON – REGARDING.

We are pleased to inform you that the Department of Computer Science & Engg. KSSEM, Bangalore is conducting a project exhibition for Final Year B.E. student's on 21/06/2022 between 9:00 am to 4.00 pm.

In this regard, we would like to have you as a resource person to handle the sessions and share your expertise. We request you to kindly consider and acknowledge.

Thanking you and expecting your favorable reply.

With regards

**Project Coordinator**

Mrs. Geethanjali R S
Mrs. Gargi N
Mrs. Swathi Darla
Mrs. K V Shalini

**HOD - CSE** 15/6/22

Dr. K. Venkata Rao
HOD
Dept. of Computer Science & Engineering
K.S. School of Engineering & Management
Bangalore-560 062

**Principal/Director** 15/6/22

Dr. K. Rama Narasimha

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

# Machine Learning, ML : Week 1 is live now!!

Dear Students,

The lecture videos for Week 1 have been uploaded to the course **Machine Learning, ML**. The lectures can be accessed using the following link:

Practice Assignment for Week 1 is also uploaded and can be accessed from the following link:

Assignment for Week 1 is also uploaded and can be accessed from the following link:

The assignment has to be submitted on or before Wednesday, [24.02.2021, 23:59 IST]

As we have done so far please use the discussion forums if you have any questions on this module.

Note: Please check the due date of the assignments in the announcement and assignment page if you see any mismatch write to us immediately.

-NPTEL Team

You received this message because you are subscribed to the Google Groups "Announcement list for Machine Learning, ML" group.
To unsubscribe from this group and stop receiving emails from it, send an email to noc21-cs51-announce+unsubscribe@googlegroups.com.

# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

### Indian Institute of Science campus, Bengaluru

Telephone: 080 -23600978, 23341652 || Email: spp@kscst.org.in
Website: www.kscst.iisc.ernet.in/spp.html or www.kscst.org.in/spp.html

## FORMAT FOR STUDENT PROJECT PROPOSAL FOR THE
## 45th SERIES OF STUDENT PROJECT PROGRAMME

(Handwritten proposals will not be accepted, please fill all the details in this MS word file, insert images / diagrams wherever necessary. Convert to pdf file, get it approved from the project guide / head of the department and principal of your institution. Keep ready the scanned pdf file of 1) Declaration and Endorsement 2) details of processing fees made and fill-up the Google Form. Send the softcopy of the project proposal including the three scanned pages and send the proposal (All information in one pdf file) by email to spp@kscst.org.in

https://forms.gle/9wriMyaKhBaGaWpw7

| | |
|---|---|
| 1. | Name of the College: K S School of Engineering and Management |
| 2. | Project Title: Text Summarization of Covid Data Using Machine Learning Techniques |
| 3. | Branch: Computer Science and Engineering |
| 4. | Theme (as per KSCST poster): Technologies relevant in the aftermath of Covid-19 |
| 5. | Name(s) of project guide(s):<br><br>1. Name: Mrs Sandhya A Kulkarni<br>    Email id: akulkarni.sandhya@gmail.com<br>    Contact No.: 9480703601<br>2. Name: Mrs Amitha S<br>    Email id: amitha.s@kssem.edu.in<br>    Contact No.: 9481889564 |
| 6. | Name of Team Members (Strictly not more than four students in a batch):<br><br>Name:   Amitha S M<br>USN No.: 1KG18CS008<br>Emailid: amithasm15@gmail.com<br>Mobile No.: 8660520641 |

Visvesvaraya Technological University
"JnanaSangama"
Belagavi: 590018
Karnataka, India.
Tele: 0831-2498225 ,2405454

## VTU Sponsored Student Project Proposal Format

| 01 | Academic Year : | 2020-2021 |
|----|-----------------|-----------|
| 02 | Semester : | 8 |
| 03 | Name of the College : | K S School of Engineering and Management |
| 04 | Branch: | Computer Science and Engineering |
| 05 | Project Title: | Design and Deployment of a Smart Touchless Sanitizer at Work Places using IoT |
| 06 | Project Discipline: | |
| 07 | Principal | Name: Dr. K. Rama Narasimha |
| | | Contact No: 9606055906 |
| | | Email id: principal@kssem.edu.in |
| 08 | HOD | Name: Dr. Vandana Jha |
| | | Contact No: 9663722448 |
| | | Email id: hod.cse@kssem.edu.in |
| 09 | Project Guide | Name: Mrs. Sandhya A Kulkarni |
| | | Contact No: 9480703601 |
| | | Email id: sandhya.a.kulkarni@kssem.edu.in |
| 10 | Project Co-Guide(If any) | Name: |
| | | Contact No: |
| | | Email id: |
| 11 | Project Committee coordinator (Identified by the college) : | Name: Prof. Vinutha Srikanth |
| | | Contact No: 9845069808 |
| | | Email id: hod.eee@kssem.edu.in |

KS GROUP OF INSTITUTIONS

**KS SCHOOL OF ENGINEERING AND MANAGEMENT**
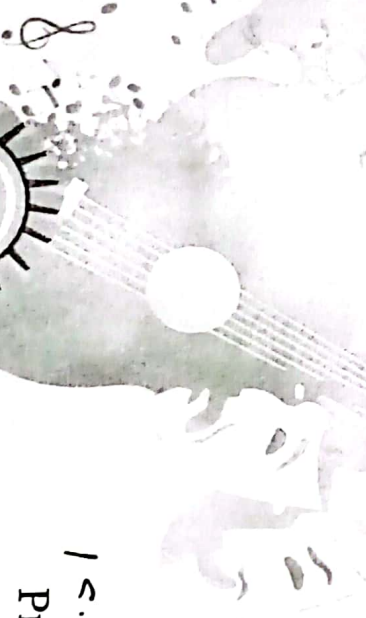
KSSEM

# CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Mrs

Mrs. Bandya. A.K

of Department _____ CSE _____ has secured _____ 1sr _____ place in the

event _____ Carrom _____ AAROHANA 2022

_signature_

Cultural co-ordinator

_signature_

Principal

**KS GROUP OF INSTITUTIONS**

**KS SCHOOL OF ENGINEERING AND MANAGEMENT**

# CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Mrs

__SANDHYA__

of Department __CSE__ has secured __2nd__ place in the

event __Rangola__ AAROHANA 2022

Cultural co-ordinator

K. Rao
Principal

# IAENG INTERNATIONAL ASSOCIATION OF ENGINEERS

Date: 29 June 2022

To Whom It May Concern:

### Official Letter for the IAENG Membership

Member Name: Sandhya Ashok Kulkarni

Member Number: 315550

IAENG is a non-profit international association for the engineers and the computer scientists. IAENG has been found by a group of engineers and computer scientists from over thirty different countries. Our goals are to promote the co-operation between the professionals in various fields of the engineering and to cultivate an environment for the advance and development of the technology. Our objectives include:

- Promoting the interactions between the engineers;
- Advancing the application of engineering techniques from the academics to the industry;
- Facilitating the exchange of information and ideas among the engineers and scientists freely.

This letter is to certify that the above person is an IAENG member. For the information about IAENG Membership, please visit our website http://www.iaeng.org/membership.html

If you have any question, you are very welcome to contact us at any time.

Best regards,

Joan Mok
Assistant Secretary
International Association of Engineers (IAENG)
http://www.iaeng.org
Email: member@iaeng.org

# Confirmation for ASR Membership

This is to certify

## Prof. SANDHYA A KULKARNI K S

### SCHOOL OF ENGINEERING AND MANAGEMENT

has joined as a senior member of The Asia Society of Researchers (ASR) successfully. ASR Member Number: R21909431.

**ASR**

Asia Society of Researchers

≡ M Gmail          Q  tele calling                                    X  ⌗          ● Active ▾    ⑦ ⚙ ⠿  Google S

← 🗅 ⓘ 🗑 ✉ 🕘 ⓒ⋁ 🗔 ▢ ⋮                                              ‹  ›

## Telecalling database                                                      🖨 ☒

▾ Mail

🗅 Inbox      1,716    **HoD CSE** <hod.cse@kssem.edu.in>                    Tue, Jun 22, 2021 10:39 AM   ☆ ↩ ⋮
                      to Amitha, Ashoka, Deepa, Deepak, Gargi, Geethanjali, Megha, Sandeep, Sandhya, Santhosh, Santosh, me, Swathi, Swetha, Ugranada, SUMA, CHENCHULAKSHMI ▾
☆ Starred

🕘 Snoozed            Dear All,

▷ Sent               Kindly find the telecalling database, it is segregated sheet wise. Kindly make the calls and write the response in the sheet. This is assigned for one week. considering 50 calls per day and
                      around 300 calls in a week.

▾ Chat          +

                      Thanks and Regards,

                      Dr. Vandana Jha
                      Professor & Head
     No conversations Department of Computer Science and Engineering
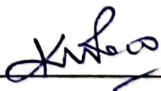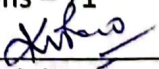     Start a chat     K S School of Engineering and Management
                      Bengaluru

▾ Spaces        +     9663722448

     No spaces yet
     Create or find a space

                      X CS_Telecalling.xlsx

▸ Meet                                                                                                    ›

# STAFF SELF APPRAISAL REPORT

## 2021-2022

## KSSEM

| Field | Data | SCORE |
|---|---|---|
| Name | Thejaswini M S | |
| Present Address, Mob.No., e-mail id. | #26, NAL Layout, East End Main Road, Jayanagar 4th T Block, Bangalore 560041. Mob No:- 9972134287 Email :- thejaswini@kssem.edu.in | --- |
| Age and Date of Birth | 30 Years & 26/05/1992 | |
| Qualification | B.E (ISE) and M.Tech (CSE) | |
| Designation and Department | Assistant Professor, CSE | |
| Teaching Experience (After PG) | 5.5 Years | |
| Other Experience(If any) | 1 Year Industry Experience | |
| List of Subjects Taught till date (use separate sheet if necessary) | Automata Theory and Computability Data Structures and its Applications DSA Laboratory | |
| Number of FDPs attended since joining service (Attach Separate List) | Nil | -- |
| *Subjects taught in the Assessment Year and percentage pass (Both Theory & Practicals) (10marks for each x Percentage) If Online please indicate. | 1. Automata Theory and Computability – 92% 2. Data Structures and Applications – 78% 3. DSA Laboratory – 100 % | 27 ~~40~~/40 |
| Details of UG Projects Guided (5 marks/ project guided) Provide Titles (HOD to endorse) | 1. Automated Toll Management with Smart Light System. 2. | 5 /10 |
| Details of PG Projects Guided (5 marks/ project guided) Only for MBA/M.Tech. Provide Titles (HOD to Endorse) | 1. NA 2. | 0 /10 |
| Percentage of classes held ( No. of classes taken/no. of classes allocated x 5) Give details. HOD to Endorse. | 1. Automata Theory and Computability -50 classes 2. Data Structures and Applications – 71 classes | 5/5 |
| Student Feedback for Offline / Online classes. (Av.Percentage x | 1. Automata Theory and Computability – 95.88% | 4.8/5 |

| | | |
|---|---|---|
| 5 marks) Give details. HOD to verify. | 2. Data Structures and its Applications = 96.37% | |

\*Marks to be awarded for subjects for which end exam was conducted

| | | |
|---|---|---|
| Details of students mentored during current assessment year. (Furnish details) | Mentoring 20 students 4th Sem USN :- 1KG20CS104 – 1KG20CS124 | |
| Details of Participation in VTU Bodies (2 Marks) Furnish details and proofs. | Nill | 0/2 |
| Details on Examination related Activity (2marks each) Marks only for external responsibility.) | 1. Practical Exams ✓<br>2. Conduction of Theory exams ✓<br>3. Paper Setting<br>4. Evaluation | 2 /8 |
| List of FDPs attended during the Assessment year (5 marks each) (Attach Certificate copies) Provide Title, dates etc. HODs to verify | NIl | 0/10 |
| Financial Assistance received during current year for attending FDPs | NIl | -- |
| Status of Ph.D. [Attach proof for each stage and for every claim]<br><br>Ph.D. Completed – 10 marks. | 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) Provide Full Details. HODs to verify. [Attach copies of Title Page] | NIl | 0 /10 |

| | | |
|---|---|---|
| Seminars / Workshops / Conferences attended (5 Marks each) Data to be verified by HODs. [Attach Certificate Copies] | Nil | 0 /10 |
| Financial Assistance received during current year for attending such events. | Nil | -- |
| Registered as Research Guide (Reasons for not registering) | NA | - |
| Research Scholars registered with details | NA | 0/5 |
| Details of Patents Applied for (If any) One application 5 marks Provide Details. | Nil | 0/5 |
| Academic Programs organized and supported during current year.(Only FDP /Workshop /Seminar / Conference) . Do not include Webinars. | FDP Organized by Department on " Full Stack Web development with bootstrap and Angular" from 29th Nov 2021 – Dec-2021 | 5/5 |
| Details of programs attended for skill development like MOOCs, MOODLES, COURSERA, NPTEL and others (Only programs >= 20 hours need to be considered. | Nil | 0/5 |
| Details of Utilization of NPTEL and other Online materials for augmenting own lectures. Provide proof for using this in the classroom. HOD to Verify. | Nil | 0/5 |
| Details of Project Proposal submitted during the current year. (At least one) Provide Details | Nil | 0/5 |
| Details of Project Funds Received. (including KSCST & VTU financial assistance) | Nil | 0/5 |
| Consultancy Revenue Generated | Nil | 0/5 |
| Details of Participation in cultural events during the current year | NOT APPLICABLE FOR CURRENT YEAR | |
| Additional Responsibilities in the Department/ College | 1)Proctor<br><br>2) Class Teacher – 5th Semester | 6 /10 |

3

| Example: Head, Coordinator, Accreditation etc.(2marks for each responsibility) | 3) NAAC Criteria -3 | | |
|---|---|---|---|
| Details of Live Membership for Professional Bodies (IEEE CSI SEA ISTE .....) (2marks for first membership & 3 marks for second membership) | Nil | | 0/5 |
| Contribution to Cultural / Sports Events (Furnish Details) [Marks to be granulated based on the responsibility and participation by the HOI.] | Nil | | 0/5 |
| Contribution towards Branding, Admissions, etc [Marks to be granulated based on the responsibility and participation by the HOI.] | Nil | | 0/10 |
| | TOTAL | | 55.8 /190 |

Date: 16/7/22

Signature of faculty

**Comments from the HOD:**

She was on Medical leave & she takes her classes properly and completes all her dept. Responsibilities Satisfactorily

Signature of the HOD  18/7/22

**Comments of the Principal after the discussion:**

Signature of the Principal

**Dr. K. RAMA NARASIMHA**
Principal/Director
K S School of Engineering and Management
Bengaluru - 560 109      4

CEO

| | | |
|---|---|---|
| Seminars / Workshops / Conferences attended (5 Marks each) Data to be verified by HODs. [Attach Certificate Copies] | Nil | 0 /10 |
| Financial Assistance received during current year for attending such events. | Nil | -- |
| Registered as Research Guide (Reasons for not registering) | NA | - |
| Research Scholars registered with details | NA | 0/5 |
| Details of Patents Applied for (If any) One application 5 marks Provide Details. | Nil | 0/5 |
| Academic Programs organized and supported during current year.(Only FDP /Workshop /Seminar / Conference) . Do not include Webinars. | FDP Organized by Department on " Full Stack.Web development with bootstrap and Angular" from 29th Nov 2021 – Dec-2021 | 5/5 |
| Details of programs attended for skill development like MOOCs, MOODLES, COURSERA, NPTEL and others (Only programs >= 20 hours need to be considered. | Nil | 0/5 |
| Details of Utilization of NPTEL and other Online materials for augmenting own lectures. Provide proof for using this in the classroom. HOD to Verify. | Nil | 0/5 |
| Details of Project Proposal submitted during the current year. (At least one) Provide Details | Nil | 0/5 |
| Details of Project Funds Received. (including KSCST & VTU financial assistance) | Nil | 0/5 |
| Consultancy Revenue Generated | Nil | 0/5 |
| Details of Participation in cultural events during the current year | NOT APPLICABLE FOR CURRENT YEAR | |
| Additional Responsibilities in the Department/ College | 1)Proctor<br><br>2) Class Teacher – 5th Semester | 6 /10 |

3

| Example: Head, Coordinator, Accreditation etc.(2marks for each responsibility) | 3) NAAC Criteria -3 | |
|---|---|---|
| Details of Live Membership for Professional Bodies (IEEE CSI SEA ISTE .....) (2marks for first membership & 3 marks for second membership) | Nil | 0/5 |
| Contribution to Cultural / Sports Events (Furnish Details) [Marks to be granulated based on the responsibility and participation by the HOI.] | Nil | 0/5 |
| Contribution towards Branding, Admissions, etc [Marks to be granulated based on the responsibility and participation by the HOI.] | Nil | 0/10 |
| TOTAL | | 55.8 /190 |

Date: 16/7/22

Signature of faculty

**Comments from the HOD:**

She was on Medical leave & she takes her classes properly and completes all her dept. Responsibilities Satisfactorily

Signature of the HOD 18/7/22

**Comments of the Principal after the discussion:**

Signature of the Principal

Dr. K. RAMA NARASIMHA
Principal/Director
K S School of Engineering and Management
Bengaluru - 560 109    4

CEO

**KSSEM**

# K.S.School of Engineering and Management

**Department of Computer Science & Engineering**

# 15/1,Mallasandra, Off,Kanakapura Road,Bengaluru-560109, Karnataka, India

www.kssem.edu.in

# CERTIFICATE

THIS CERTIFICATE IS PROUDLY PRESENTED TO

## Thejaswini M S

for his/her active participation in Five day Workshop on "Full Stack Web Development with Bootstrap and Angular" organized by the Department of Computer Science and Engineering. KSSEM from 29th Nov to 3rd Dec 2021.

Dr.Vandana Jha
HOD, Dept of CSE,
KSSEM

Dr. K.Rama Narasimha
Principal/Director,
KSSEM

# STAFF SELF APPRAISAL REPORT

## 2021-2022

## KSSEM

| Field | Data | SCORE |
|---|---|---|
| Name | DAKSHAYINI G.R | |
| Present Address, Mob.No., e-mail id. | #14,KSIT College,raghuvanahalli,kanakapura mainroad,pho:7989137176,dakshayini@kssem.edu.in | |
| Age and Date of Birth | 29 years,9/10/1992 | |
| Qualification | M.TECH | --- |
| Designation and Department | Asst.prof,CSE | |
| Teaching Experience (After PG) | 10 months | |
| Other Experience(If any) | no | |
| List of Subjects Taught till date (use separate sheet if necessary) | Data structures Lab,Network Lab | |
| Number of FDPs attended since joining service (Attach Separate List) | 2 FDPs | -- |
| *Subjects taught in the Assessment Year and percentage pass (Both Theory &Practicals) (10marks for each x Percentage) If Online please indicate. | 1.DS lab<br>2.Network Lab<br>3.<br>4. | 20/40 |
| Details of UG Projects Guided (5 marks/ project guided)Provide Titles (HOD to endorse) | 1. A method to apply convolution neural network models to detect and classify Tuberculosis manifestation in X-ray images<br>2. Maintaining Attendance Security using Blockchain | 10/10 |
| Details of PG Projects Guided (5 marks/ project guided) Only for MBA/M.Tech. Provide Titles (HOD to Endorse) | 1.<br>2. | /10 |
| Percentage of classes held ( No. of classes taken/no. | 1. DSC lab<br>2. Nko lab | 5/5 |

| | | |
|---|---|---|
| of classes allocated x 5) Give details. HOD to Endorse. | 3.<br>4. | |
| Student Feedback for Offline / Online classes.(Av.Percentage x 5 marks) Give details. HOD to verify. | Medical leave in every sem | 3 /5 |

*Marks to be awarded for subjects for which end exam was conducted

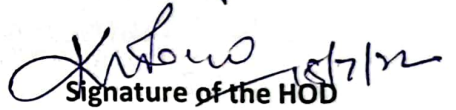| | | |
|---|---|---|
| Details of students mentored during current assessment year. (Furnish details) | 8 sem students USN 1kg18cs001 t0 21 | -- |
| Details of Participation in VTU Bodies (2 Marks) Furnish details and proofs. | | /2 |
| Details on Examination related Activity (2marks each) Marks only for external responsibility.) | 1. Practical Exams ✓<br>2. Conduction of Theory exams ✓<br>3. Paper Setting ✗<br>4. Evaluation ✗ | 4/8 |
| List of FDPs attended during the Assessment year (5 marks each) (Attach Certificate copies) Provide Title, dates etc. HODs to verify | 1)Design Thinking<br><br>2) ICT Tools for Innovative Teaching & Learning Process | 10/10 |
| Financial Assistance received during current year for attending FDPs | Rs. | -- |
| Status of Ph.D. [Attach proof for each stage and for every claim]<br><br>Ph.D. Completed – 10 marks. | 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) | 0 /10 |
| Research Publications: (5 marks each) Provide Full Details. HODs to verify. [Attach copies of Title Page] | 1.<br><br>2. | 0/10 |
| Seminars / Workshops / Conferences attended (5 Marks each) Data to be verified by HODs. [Attach Certificate Copies] | 1.<br><br>2. | /10 |

3

| | | |
|---|---|---|
| Financial Assistance received during current year for attending such events. | Rs. | -- |
| Registered as Research Guide (Reasons for not registering) | Yes / No<br>If 'Yes' furnish details. | - |
| Research Scholars registered with details | Yes / No<br>If Yes, 5 marks | /5 |
| Details of Patents Applied for (If any) One application 5 marks Provide Details. | | /5 |
| Academic Programs organized and supported during current year.(Only FDP/Workshop/Seminar / Conference) . Do not include Webinars. | | /5 |
| Details of programs attended for skill development like MOOCs, MOODLES, COURSERA, NPTEL and others (Only programs >= 20 hours need to be considered. | | /5 |
| Details of Utilization of NPTEL and other Online materials for augmenting own lectures. Provide proof for using this in the classroom. HOD to Verify. | | /5 |
| Details of Project Proposal submitted during the current year. (At least one) Provide Details | | /5 |
| Details of Project Funds Received. (including KSCST & VTU financial assistance) | Rs. | /5 |
| Consultancy Revenue Generated | Rs. | /5 |
| Details of Participation in cultural events during the current year | NOT APPLICABLE FOR CURRENT YEAR | |
| Additional Responsibilities in the Department/ College Example: Head, Coordinator , Accreditation etc.(2marks for each responsibility) | 1) Mentor<br>2) Project Guide<br>3) Class teacher<br>4) Internship Guide<br>5) Seminar Guide | 10 /10 |
| Details of Live Membership for Professional Bodies (IEEE CSI SEA ISTE …..)(2marks for first | — | /5 |

4

| | | |
|---|---|---|
| membership &3 marks for second membership) | | |
| Contribution to Cultural / Sports Events (Furnish Details) [Marks to be granulated based on the responsibility and participation by the HOI.] | — | /5 |
| Contribution towards Branding, Admissions, etc [Marks to be granulated based on the responsibility and participation by the HOI.] | — | /10 |
| TOTAL | | 62/190 |

Date:                                                                     Signature of faculty

Comments from the HOD: Due to medical emergency, she went on medical leave in the even sem. She takes her classes properly and completes all the dept. works satisfactorily.

Signature of the HOD 15/7/22

Comments of the Principal after the discussion:

Signature of the Principal

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

CEO

# CERTIFICATE OF PARTICIPATION

This is to certify that

# Dakshayini G.R

Has successfully completed a one–week AICTE- ISTE Sponsored Refresher Program on "Design Thinking" held during 07th March 2022 to 12th March 2022, organized by the VTU e-learning center, Mysuru and Vidyavardhaka College of Engineering, Mysuru.

Dr. B Sadashive Gowda
Principal
VVCE, Mysuru

Dr. P Sandya
Special Officer
VTU e-learning center, Mysuru

**Made for free with Certify'em**

# STAFF SELF APPRAISAL REPORT

## 2021-2022

### KSEEM

| Field | Data | SCORE |
|---|---|---|
| Name | Ms. Punitha M R | |
| Present Address, Mob.No., e-mall Id. | #41, G-2, Ravindra Enclave, 2nd Main, Aditya Nagar, JP Nagar 8th phase, Kothnur Main Road, Bengaluru-560078, Mobile No-8296753352 E-Mail : punitha1991aug@gmail.com | |
| Age and Date of Birth | Age-30, DOB-14/08/1991 | |
| Qualification | M.Tech in Computer Science and Engineering | |
| Designation and Department | Assistant Professor, Computer Science and Engineering | |
| Teaching Experience (After PG) | 1.5 | |
| Other Experience(If any) | Nil | |
| List of Subjects Taught till date (use separate sheet if necessary) | Problem Solving Through Programming Computer Programming Laboratory | |
| Number of FDPs attended since joining service (Attach Separate List) | 1 | - |
| *Subjects taught in the Assessment Year and percentage pass (Both Theory & Practicals) (10marks for each x Percentage) | 1. Problem Solving Through Programming(21PSP23) 2. Computer Programming Laboratory(21CPL27) | 30/40 |
| If Online please indicate. | | |
| Details of UG Projects Guided (5 marks/ project guided) Provide Titles (HOD to endorse) | 1. 2. | 0/10 |
| Details of PG Projects Guided (5 marks/ project guided) Only for MBA/M.Tech. Provide Titles (HOD to Endorse) | 1. 2. | 0/10 |
| Percentage of classes held ( No. of classes taken/no. of classes allocated x 5) Give details. HOD to Endorse. | 1.Problem Solving Through Programming(21PSP23) No. of class taken/No. of class allocated=15/34(as per lesson plan)=>2.2 2.Computer Programming Laboratory No.of labs held/No of labs | 5/5 |

| | allocated=11/42(as per lesson plan)=>1.3 | |
|---|---|---|
| Student Feedback for Offline / Online classes. (Av.Percentage x 5 marks) Give details. HOD to verify. | New Staff needs to be taken | 5/5 |

*Marks to be awarded for subjects for which end exam was conducted

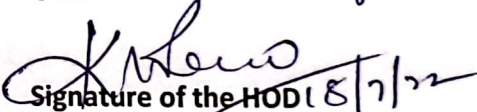| | | |
|---|---|---|
| Details of students mentored during current assessment year. (Furnish details) | Nil | -- |
| Details of Participation in VTU Bodies (2 Marks) Furnish details and proofs. | Nil | 0/2 |
| Details on Examination related Activity (2marks each) Marks only for external responsibility.) | 1. Practical Exams<br>2. Conduction of Theory exams<br>3. Paper Setting<br>4. Evaluation | 4/8 |
| List of FDPs attended during the Assessment year (5 marks each) (Attach Certificate copies) Provide Title, dates etc. HODs to verify | Attended Faculty Development Program on "Advances in Artificial Intelligence and Machine Learning" held from 26th july 2021 to 31st july 2021 | 5/10 |
| Financial Assistance received during current year for attending FDPs | Rs.0 | -- |
| Status of Ph.D. [Attach proof for each stage and for every claim]<br><br>Ph.D. Completed – 10 marks. | 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) | 0/10 |
| Research Publications: (5 marks each) Provide Full Details. HODs to verify. [Attach copies of Title Page] | Super Resolution CNN Algorithm to Improve the quality of degraded images. Volume 1, Issue 2,2021, Journal of Research Proceedings | 5/10 |
| Seminars / Workshops / Conferences attended (5 Marks each) Data to be verified by HODs. [Attach Certificate | 1.Attended 3rd National Conference on "Recent Trends in Computer Science and Information Technology[RTC-SIT-2021] at Sri Krishna Institute of Technology" | 5/10 |

3

| Copies] | | |
|---|---|---|
| Financial Assistance received during current year for attending such events. | Rs.0 | -- |
| Registered as Research Guide (Reasons for not registering) | No | - |
| Research Scholars registered with details | No | 0/5 |
| Details of Patents Applied for (If any) One application 5 marks Provide Details. | Nil | 0/5 |
| Academic Programs organized and supported during current year.(Only FDP /Workshop /Seminar / Conference) . Do not include Webinars. | Nil | 0/5 |
| Details of programs attended for skill development like MOOCs, MOODLES, COURSERA, NPTEL and others (Only programs >= 20 hours need to be considered. | | 0/5 |
| Details of Utilization of NPTEL and other Online materials for augmenting own lectures. Provide proof for using this in the classroom. HOD to Verify. | Nil | 0/5 |
| Details of Project Proposal submitted during the current year. (At least one) Provide Details | Nil | 0/5 |
| Details of Project Funds Received. (including KSCST & VTU financial assistance) | Rs0 | 0/5 |
| Consultancy Revenue Generated | Rs. 0 | 0/5 |
| Details of Participation in cultural events during the current year | NOT APPLICABLE FOR CURRENT YEAR | |
| Additional Responsibilities in the Department/ College Example: Head, Coordinator , Accreditation  etc.(2marks for each responsibility) | Nil | 0/10 |
| Details of Live Membership for Professional Bodies (IEEE CSI SEA ISTE …..) (2marks for first membership & 3 marks for | Nil | 0/5 |

4

| second membership) | | |
|---|---|---|
| Contribution to Cultural / Sports Events (Furnish Details) [Marks to be granulated based on the responsibility and participation by the HOI.] | Nil | 0/5 |
| Contribution towards Branding, Admissions, etc [Marks to be granulated based on the responsibility and participation by the HOI.] | Nil | 0/10 |
| **TOTAL** | | **59/190** |

Date: 16/7/2022

Signature of faculty

*Punith*

**Comments from the HOD:** She is newly appointed staff in the every semester. She takes all her classes properly and completes the dept. works satisfactorily

Signature of the HOD 18/7/22

**Comments of the Principal after the discussion:**

S. Rao

Signature of the Principal

Still new to this system. Targets are fixed. To take self developments more seriously.

CEO

# THE OXFORD COLLEGE OF ENGINEERING

Hosur Road, Bommanahalli, Bengaluru -560068

(Approved by AICTE, New Delhi, Accredited by NBA, New Delhi & Affiliated to VTU, Belgaum)

## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

### THIS IS TO CERTIFY THAT

## PUNITHA M R

Has participated in the six days Faculty Development Program on "Advances in Artificial Intelligence and Machine Learning" held from 26th -31st JULY 2021 organized by Department of Computer Science and Engineering in association with IEEE CS Chapter, TOCE, Bengaluru.

Dr. M.Nirmala
Program Coordinator

Dr. R. CH. A. Naidu
Organizing Chair

Dr. N. Kannan
Principal

AWARD

IEEE COMPUTER SOCIETY

Made for free with Certify'em

Sri Raghavendra Educational Institutions Society ®

# Sri Krishna Institute of Technology

No. 29, Chimney Hills, Hesaraghatta Road, Chikkabanavara Post BENGALURU – 560090.

NAAC Accredited Institution, Approved by AICTE, Affiliated to VTU-Belagavi, India

## Host : Department of Computer Science & Engineering

*Certificate of Presentation*

This certificate issued to **PROF. PUNITHA M.R** of **OXFORD COLLEGE OF ENGG., BANGALORE** for successfully presenting a paper at the 3rd National Conference on "Recent Trends in Computer Science & Information Technology [RTCSIT-2021]" jointly organized by Departments of Computer Science & Engineering and Information Science & Engineering, Sri Krishna Institute of Technology, Bengaluru-560090, India, on Friday, 11-06-2021.

Paper Title : SUPER RESOLUTION CNN ALGORITHM TO IMPROVE THE QUALITY
OF DEGRADED IMAGES

Author(s) : PROF. PRADEEP KUMAR K, PROF. KIRAN KUMAR A, PROF. PRIYANKA M R

11-6-2021
**Prof. Geetha C Megharaj**
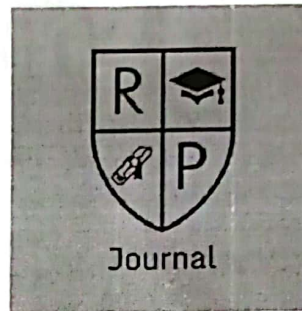Event Convener

11-06-2021
**Dr. S R Nayak**
HoD, Host Dept

**Dr. Manjunatha A**
Principal, SKIT

# Journal of Research Proceedings

# JRP



Journal

Under the delegate of "Journal of Research Proceedings," we anchor a bimonthly electronic journal enclosing the diverse realms of the educational research field. JRP is providing a platform for the researchers, academicians, professionals, practitioners, and students to impart and share knowledge in the form of high quality empirical and theoretical research papers, case studies, literature reviews, and book reviews.

# Super Resolution CNN Algorithm to Improve The Quality Of Degraded Images.

Prof. Pradeep Kumar K[1], Prof. Kiran Kumar. A[2], Prof. Punitha M.R[3], Prof. Priyanka M R[4]

Assistant Professor[1-4]

[1]SRI KRISHNA INSTITUTE OF TECHNOLOGY BANGALORE, 560090

[2]REVA UNIVERSITY, BANGALORE, 560064

[3]OXFORD COLLEGE OF ENGINEERING, BANGALORE, 560068

[4]T. JOHN INSTITUTE OF TECHNOLOGY, BANGALORE, 560083

7661PRADEEP@GMAIL.COM[1],
KIRANKUMAR.A@REVA.EDU.IN[2],PUNITHAMR14AUG@GMAIL.COM[3],PRIYANKAMR25@GMAIL.COM[4]

## ABSTRACT:

Huge information carries advantages to numerous territories of logical exploration, anyway handling these a lot of information regularly requires broad registering time and a huge extra room. Super Resolution project, thinks about critical areas, and accordingly proposes another super goal approach that utilizes huge and wide-ranging data under the structure of a CNN. The preparation interaction is accomplished for the huge pieces of informational collection, reproduction cycle which are been considered critical parts independently. The focal point of Super Resolution is to create a higher goal picture from lower goal pictures.

**KEYWORDS:** logical exploration, High Resolution Low Resolution, convolutional Neural Network.

## I. INTRODUCTION

Picture or image are defined as a point by which the light rays emerging from an object are converged or appears to be converged after reflection or refraction. It is also referred as a collection of colored points on a flat surface [1-2]. Super Resolution imaging is one of a class of technique which enables the resolution of the imaging system. Single image super resolution will always undergo a classical image restoration problem which are used to improve a high- resolution image from their equivalent low-resolution image [3-6].

A part of the image is cropped and zoomed for visualization [7-8]. The advantages are there is no need for hardware training, extensive training time and large datasets, and the limitations is it is less accurate. We will increase the quality and pixel of the images to enhance the quality of degraded images [9]. We have been suggested a deep learning technique for this single image super resolution to illustrate the traditional sparse coding-based image super-resolution [10]. Our technique rightly expands with end-to-end mapping with low- resolution and high-resolution images. The recording are predicted as a deep convolutional neural network which considers the low- resolution image as the seeding input and expects the outcome as high-resolution one. SR methods are viewed along with this DCN [11-15].

# STAFF SELF APPRAISAL REPORT

# 2021-2022

## KSSEM

| Field | Data | SCORE |
|---|---|---|
| Name | **PRASANNA N** | |
| Present Address, Mob.No., e-mail id. | Address- #,566,9$^{th}$ main, BHCS Layout, Near NPS School,Uttarahalli,Bengaluru-560061, Mob.no-8050599700, E-mail id-prasanna@kssem.edu.in | --- |
| Age and Date of Birth | Age-31, DOB-15/08/1990 | |
| Qualification | B.E, M.Tech | |
| Designation and Department | Assistant professor, Computer Science and Engineering | |
| Teaching Experience (After PG) | 1.3 years | |
| Other Experience(If any) | - | |
| List of Subjects Taught till date (use separate sheet if necessary) | Mobile Application Development Robotic Process Automation Computer Organization Problem Solving Through Programming | |
| Number of FDPs attended since joining service (Attach Separate List) | -- | -- |
| *Subjects taught in the Assessment Year and percentage pass (Both Theory & Practicals) (10marks for each x Percentage) If Online please indicate. | 1.Problem Solving Through Programming (II sem C Sec) 2.Computer Programming Laboratory (II sem C Sec) 3.Computer Programming Laboratory (II sem C Sec) (Results awaited and expecting 100%) | 30/40 |
| Details of UG Projects Guided (5 marks/ project guided) Provide Titles (HOD to endorse) | --- | /10 |
| Details of PG Projects Guided (5 marks/ project guided) Only for MBA/M.Tech. Provide Titles (HOD to Endorse) | --- | /10 |

| Percentage of classes held ( No. of classes taken/no. of classes allocated x 5) Give details. HOD to Endorse. | 1. Problem Solving Through Programming(II sem C Sec) -14/34<br>2. Computer Programming Laboratory (II sem C & B Sec) - 11/42 | 5/5 |
|---|---|---|
| Student Feedback for Offline / Online classes.<br>(Av.Percentage x 5 marks) Give details. HOD to verify. | New Staff(running current semester) | 5/5 |

*Marks to be awarded for subjects for which end exam was conducted

2

| | | |
|---|---|---|
| Details of students mentored during current assessment year. (Furnish details) | IV sem 'B' sec<br>USN- 1KG20CS061-1KG20CS080 | -- |
| Details of Participation in <u>VTU</u> Bodies (2 Marks) Furnish details and proofs. | **New Staff** | 0/2 |
| Details on Examination related Activity (2marks each) Marks only for external responsibility.) | 1. Practical Exams - yes<br>2. Conduction of Theory exams - yes | 6/8 |
| List of FDPs attended during the Assessment year (5 marks each) (Attach Certificate copies) Provide Title, dates etc. HODs to verify | 1. Attended 2 days FDP(online mode) on Mobile Application Development on 15th and 16th April 2021.<br>2. Attended 5 days FDP(online mode) on Delivering High Impact Presentation Hosted by ICT Academy on 26th April to 30th April 2021.<br>3. AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "machine Learning Applications on Image Processing" from 17/01/2022 to 21/01/2022 at Nagarjuna College of Engineering and Technology. | 10/10 |
| Financial Assistance received during current year for attending FDPs | --- | -- |
| Status of Ph.D.<br>[Attach proof for each stage and for every claim]<br><br>Ph.D. Completed – 10 marks | --- | /10 |
| Research Publications: (5 marks each) Provide Full Details. HODs to verify.<br>[Attach copies of Title Page] | --- | /10 |
| Seminars / Workshops / Conferences attended (5 Marks each) Data to be verified by HODs. [Attach Certificate Copies] | 1. Presented Paper and Participated a two days online International Conference on "Recent Trends in Computer science and Information Technology".<br>2. Presented Paper and Participated IETE Sponsored Third National conference on "Emerging trends in Engineering, Science and Technology". | 10/10 |

| | | |
|---|---|---|
| Financial Assistance received during current year for attending such events. | --- | -- |
| Registered as Research Guide (Reasons for not registering) | No | - |
| Research Scholars registered with details | No | /5 |
| Details of Patents Applied for (If any) One application 5 marks Provide Details. | --- | /5 |
| Academic Programs organized and supported during current year.(Only FDP /Workshop /Seminar / Conference) . Do not include Webinars. | --- | /5 |
| Details of programs attended for skill development like MOOCs, MOODLES, COURSERA, NPTEL and others (Only programs >= 20 hours need to be considered. | --- | /5 |
| Details of Utilization of NPTEL and other Online materials for augmenting own lectures. Provide proof for using this in the classroom. HOD to Verify. | 1. https://www.youtube.com/watch?v=rLf3j nHxSmU&list=PLBlnK6fEyqRggZZgYpPMUx dY1CYkZtARR  2. http://www.geeksforgeeks.com | 5/5 |
| Details of Project Proposal submitted during the current year. (At least one) Provide Details | --- | /5 |
| Details of Project Funds Received. (including KSCST & VTU financial assistance) | --- | /5 |
| Consultancy Revenue Generated | --- | /5 |
| Details of Participation in cultural events during the current year | --- | |
| Additional Responsibilities in the Department/ College Example: Head, Coordinator , Accreditation  etc.(2marks for each responsibility) | 1. Proctor for 4th sem B Sec. | 2/10 |
| Details of Live Membership for Professional Bodies (IEEE CSI SEA ISTE …..) (2marks for first membership & 3 marks for | --- | /5 |

| | | |
|---|---|---|
| second membership) | | |
| Contribution to Cultural / Sports Events (Furnish Details) [Marks to be granulated based on the responsibility and participation by the HOI.] | 1. Participated in short put on 11th June 2022 at KSSEM . <br> 2. Participated in disk throw on 11th June 2022 at KSSEM . | 5/5 |
| Contribution towards Branding, Admissions, etc [Marks to be granulated based on the responsibility and participation by the HOI.] | 1. Updating in facebook and whats upp. <br> 2. Updating in instagram and other public media platforms. | 10/10 |
| | **TOTAL** | 88/190 |

Date: 16 - 07 - 2022

*Prasanna.N*
**Signature of faculty**

**Comments from the HOD:** *She is newly joined staff in the dept. She takes all her classes properly and Completes all the works assigned from dept. Satisfactorily.*

*18/7/22*
**Signature of the HOD**

**Comments of the Principal after the discussion:**

*K.S.Rama*
**Signature of the Principal**

*Newly joined. Targets & expectations clearly told.*

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

**CEO**

5

| second membership) | | |
|---|---|---|
| Contribution to Cultural / Sports Events (Furnish Details) [Marks to be granulated based on the responsibility and participation by the HOI.] | 1. Participated in short put on 11th June 2022 at KSSEM . <br> 2. Participated in disk throw on 11th June 2022 at KSSEM . | 5/5 |
| Contribution towards Branding, Admissions, etc [Marks to be granulated based on the responsibility and participation by the HOI.] | 1. Updating in facebook and whats upp. <br> 2. Updating in instagram and other public media platforms. | 10/10 |
| | TOTAL | 88/190 |

Date: 16 - 07 - 2022

*Prasanna.N*
**Signature of faculty**

**Comments from the HOD:** She is newly Joined staff in the dept. She takes all her classes properly and Completes all the works assigned from dept Satisfactorily.

18/7/22
**Signature of the HOD**

**Comments of the Principal after the discussion:**

IS. Rao
**Signature of the Principal**

Newly joined. Targets & expectations clearly told.

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

**CEO**

5

**ATAL**

**NAGARJUNA**

# ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

**Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070**

## AICTE Training and Learning (ATAL) Academy

# Certificate

This is certified that Prasanna N, Assistant Professor of DON BOSCO INSTITUTE OF TECHNOLOGY participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "machine Learning Applications on Image Processing" from 17/01/2022 to 21/01/2022 at Nagarjuna College of Engineering and Technology.

**Advisor-I, ATAL Academy**
**Mamta Rani Agarwal**

**Coordinator**

# ICTACADEMY

## CERTIFICATE OF PARTICIPATION

C.No: 022-199945

Date: 30 Apr 2021

**PRASANNA N**

Don Bosco Institute Of Technology, Bangalore

has participated in 10 Hours of Faculty Development Program on

**Delivering High Impact Presentation (Online Live FDP)**

conducted by ICT Academy on 26 Apr 2021 to 30 Apr 2021

Dr B Anbuthambi
President, ICT Academy

verify.ictacademy.in

ICT ACADEMY FACULTY DEVELOPMENT PROGRAM

# Dr. Ambedkar Institute of Technology

(An Autonomous Institution, Aided by Government of Karnataka, Affiliated to VTU, Belagavi)

BDA Outer Ring Road, Near Jnana Bharathi Campus, Mallathally, Bengaluru-560056, Karnataka

## CERTIFICATE OF PARTICIPATION

This is to certify that PRASANNA N of Don Bosco Institute of technology has participated in Two-Days Online FDP on "Mobile Application Development" organized by the Department of Computer Science & Engineering at Dr.Ambedkar Institute of Technology, Bengaluru on 15th and 16th April 2021.
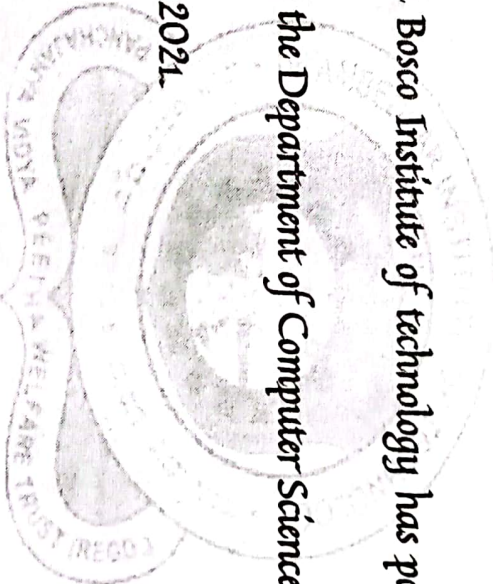
m.v.praveena

**Praveena M.V**

Assistant Professor, Coordinator

**Srinivasa A.H**

Associate Professor, Coordinator

**Dr.Siddaraju**

Dean(A), Professor & HEAD

**Dr.G. Rajendra**

Principal

# St. MARTIN'S ENGINEERING COLLEGE

**(UGC AUTONOMOUS)**

A NON MINORITY COLLEGE, AFFILIATED TO JNTUH, APPROVED BY AICTE.
ACCREDITED BY NBA & NAAC A+, NIRF RANKED, ISO 9001:2008 CERTIFIED
SIRO RECOGNITION BY MINISTRY OF SCIENCE AND TECHNOLOGY, GOVT.OF INDIA
Dhulapally, Near Kompally, Secunderabad-500 100, T.S, India. www.smec.ac.in

## A Two Days online International Conference on
## "Recent Trends in Computer Science and Information Technology"
## (ICRCSIT–20)

### CERTIFICATE OF PARTICIPATION

Research Paper Titled

*"Application for Gender, Age and FaceRecognition Using OpenCV"*

Presented by

Prasanna N, Dept. of Computer Science and Engineering, K.S. Institute of Technology, Bengaluru

two days online International Conference on **"Recent Trends in Computer Science and Infor**
**nology" (ICRCSIT–20)** organized by the Departments of Computer Science and Engineering & Information Te
rtin's Engineering College in Association with Computer Society of India, Hyderabad & Global Cyber Security Forur
8th June, 2020.

| | | |
|---|---|---|
| **Udaya Kumar** | **Dr. S.V. Achuta Rao** | **Dr. P. Santosh Kuma** |
| sor & HOD - CSE | Professor & HOD - IT | PRINCIPAL |
| onvener | Convener | Patron |

# RNS INSTITUTE OF TECHNOLOGY

(AICTE Approved, VTU Affiliated and NAAC A Grade Accredited)
( UG Programs - CSE, ECE, ISE, EEE and EIE have been Accredited by NBA for the Academic years 2018-19, 2019-20 and 2020-2021 )
Dr. Vishnuvardhan Road, Channasandra, Rajarajeshwari Nagar, Bengaluru - 560 098
Telephone : 080-28611880/1    Website : rnsit.ac.in

## IETE Sponsored Third National Conference on Emerging Trends in Engineering, Science and Technology
(Online)

### Organized by: Department of ECE

## Certificate

This is to certify that Mr./Ms. **Prasanna N**

of **KS Institute of Technology** has participated and presented a paper entitled

*Application for Gender, Age And Face Recognition using Opencv*

in the IETE Sponsored Third National Conference on "Emerging Trends in Engineering, Science & Technology" held on Wednesday, June 17, 2020.

**Dr. Vipula Singh**
HoD, Dept. of ECE

**Dr. M K Venkatesha**
Principal

**Dr. H N Shivashankar**
Director