KAMMAVARI SANGHAM GROUP OF INSTITUTIONS

STAFF SELF APPRAISAL REPORT

2022-2023

KSIT

Field	Data	SCORE
Name	**Dr Rekha B Venkatapur**	
Present Address, Mob.No., e-mail id.	#201, Whisper Valley, 1st Main, 3rd cross, Vivekananda colony, Kanakapura Main Road, Bengaluru – 560 078 9740295819 rekhabvenkatapur@ksit.edu.in	---
Age and Date of Birth	57 Years 6 Months, 14-7-1966	
Qualification	B.E.(CS&E), M.Tech(CS&E),PhD Computer Science & Engg (JNTUH)	
Designation and Department	Professor and Head, CS&E	
Teaching Experience (After PG)	19 Years in Teaching	
Other Experience(If any)	14 Years in Teaching (with BE)	
List of Subjects Taught till date (use separate sheet if necessary)	List attached Annexure 1	
Number of FDPs attended since joining service (Attach Separate List)	28 List attached Annexure 2	--
*Subjects taught in the Assessment Year and percentage pass (Both Theory & Practical) (10marks for each x Percentage) If Online please indicate.	1. Unix Programming 18CS56 – 5th A 95.16 2. Deep Learning 20SCS31 - 3rd Sem MTech 100% 3. SMS 18CS645 - 6th A -100% 4. SMS 18CS645 -6th B -100%	40/40
Details of UG Projects Guided (5 marks/ project guided) Provide Titles (HOD to endorse)	1. Institution Accreditation and Automation System – Prajwal Kulkarni, Preethi K P , Akshay R, Sreesha S	5/10
Details of PG Projects Guided (5 marks/ project guided) Only for MBA/M.Tech. Provide Titles (HOD to Endorse)	1. Land Registration System Using Blockchain Technology - HITHAISHI V K 1KS21SCS02	5/10
Percentage of classes held (No. of classes taken/no. of classes allocated x 5) Give details. HOD to Endorse.	Unix Programming 18CS56 – 5th A = 51/40 SMS 18CS645 - 6th A & B = 51/40	5

Student Feedback for Offline / Online classes. (Avg. Percentage x 5 marks) Give details. HOD to verify.	Unix Programming 18CS56 – 5th A - 98.0% SMS 18CS645 - 6th A & B Elective 97.28% Deep Learning 20SCS31 – 3rd Sem MTech – 97%	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.	BoE 2022-23 (VTU Letter Ref.No./VTU/Exam/BOE/2022-2023/897) Proof attached -Annexure 3
	Responsibility : Practical Examiner Allotment
	VTU Question Paper scrutiny
	Doctoral Committee Member of VTU 2023
	     - JSSATE, Research Centre,
	     - BNMIT, Research Centre
	     - Vemana Institute of Technology
	       (Proof attached) --Annexure 4
		2

Details on Examination related Activity (2marks each) Marks only for external responsibility.)	VTU Duties Assigned 1.VTU Theory Examination DCS Duty UG- (13th 14th 15th and 16th Feb 2023) 2.VTU Theory Examination CS Duty Done -24th Feb 2023 3.MTech Project Viva Examination – Internal Duty at KSIT 18th May 2023 4.MTech Project Viva Examination – External exam in MSRIT on 12th Aug 2022 5. Attended BoE Meeting in Belagavi – 11-7-2023 for VTU QP Scrutiny 6.Conducted Final PhD Viva – Research Scholar Mrs. Kashika P. H. USN 1KS17PEA10 as Internal Examiner/Supervisor on 15th July 2023	8/8
List of FDPs attended during the Assessment year (5 marks each) (Attach Certificate copies) Provide Title, dates etc. HODs to verify	1. Advanced Tools and Techniques for Best Research – RVITM from 26-09-2022 to 30-09-2022 (5days) 2. Intellectual Property Rights -JSSATE 12-09-2022 to 16-09-2022 (5 Days) Proof Annexure 5	10/10
Financial Assistance received during current year for attending FDPs	NIL	--
Status of Ph.D. [Attach proof for each stage and for every claim]	1. Awarded (2 marks) 2. Thesis Submitted and awaiting reports (1 mark) 3. Thesis Preparation (2 Mark)	

Ph.D. Completed – 10 marks.	4. Experimentation/Data Collection in completed (1 mark) 5. Comprehensive viva voce completed (1 mark) 6. Appeared for Course work exams (1 mark) 7. Applied for registration formalities (1 mark) 8. Identified Guide/Research Centre and preparing research Proposal (1mark.) 9. Not thought of pursuing Ph.D. (zero) **Research Scholar Mrs. Kashika. P.H USN 1KS17PEA10 Competed Viva on 15th July 2023 and Got PhD degree on 1st August 2023**	10/10
Research Publications: (5 marks each) Provide Full Details. HODs to verify. [Attach copies of Title Page]	1. A comparative study on different Video Compression Standards: characteristics, working mechanism, performance analysis and applications - High Technology Letters, ISSN NO : 1006-6748, Volume 29, Issue 7, 2023, May 2023 Publication link: https://gjstx-e.cn/current-issue/ Scopus Indexing Link: https://www.scopus.com/sourceid/12667 Q3 Journal 2. Survey on Institution Accreditation and Automation System -IJARCCE, International journal of advanced research in computer and communication engineering Volume 12, , Issue 1, January 2023 DOI : 10.17148/IJARCCE.2023.1 2102109 3. Intelligence Surveillance System to Detect Moving Drones Equipped with Weapon Payloads –Journal of Optoelectronics Laser Volume 41 Issue 9, 2022 ISSN: 1005-0086, DOI: 10050086.2022.09.64 Scopus Q4 Journal 4. Automatic tracking of objects using improvised Yolov3 algorithm and alarm human activities in case of anomalies - International Journal of Information Technology 14(6) – Springer DOI:10.1007/s41870-022-01062-0 5. Survey On Autoencoder Based Detection Of Nutritious Leaves - International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE), Volume 12, Issue 1, January 2023 DOI: 10.17148/IJARCCE.202 10.17148/IJARCCE.2023.12132 Certificate # IJARCCE/2023/6-2 Proof : Annexure 6	10/10

Seminars / Workshops / Conferences attended (5 Marks each) Data to be verified by HODs. [Attach Certificate Copies]	1.4th IEEE International Conference on CCIP-2022 - 23-12-2022 to 24-12-2022 at JSSATE – Reviewer and Session Chair 2. 2nd International Conference on Innovative Sustainable Computational Technologies (CISCT-2022) - Graphic Era University -23-12-2022 to 24-12-2022 – Reviewer. 3. National Conference on Computing Technology (NCCT 2023) 08-05-2023 in RNSIT – Session Chair 4. 3rd Congress on Intelligent Systems International Conference CIS 2022 - 3rd Congress on Intelligent Systems International Conference CIS 2022 Christ, Bengaluru- 05th & 6th Sep 2022	10 /10
Financial Assistance received during current year for attending such events.	NIL	--
Registered as Research Guide (Reasons for not registering)	Yes / No If ' Yes ' furnish details. Total 6 Candidates – One got PhD Degree Five candidates are pursuing in KSIT, R and D Center 1. Kashika P - 1KS17PEA10 PhD Awarded 2. Kavitha K K – USN 1KS17PEA01 - CV Completed 3. Raghavendarchar S – 1KS19PCS04 –CV Completed 4. Shanmugam Shobha – 1KS19PCS05 –CV Completed 5. Somasekhar -1KS17PES01 Open Seminar 1 Completed 6. Roopesh Kumar B N – 1KS20PCS01 Course work Completed	-
Research Scholars registered with details	Yes / No If Yes, 5 marks Yes - VTU RSRI-VTU0817524 5 candidates Pursuing 1 candidate – Competed and Got PhD Degree	5/5

Details of Patents Applied for (If any) One application 5 marks Provide Details.	NIL	/5
Academic Programs organized and supported during current year.(Only FDP /Workshop /Seminar / Conference) . Do not include Webinars.	1. Student Enablement Program (Skill Development) – 16th March to 15th April (with breaks) in collaboration of Paypal and ITC Academy 2. 6 Days FDP on "R Programming and It's Applications" from 27th Mar 2023 to 1st Apr 2023. 3. 3 days FDP on "C Programming Laboratory" on 27th to 29th Oct 2022 on IEI Banner for 10 Participants from Mechanical staff 4. Workshop for III Sem students (130 Participants) on "Building Computer Vision AI Model" on 8th Feb 2023 in association with AICTE SPICES, Mr. Varun Poladiya Head of Marketing at NAVAN AI is resource person for this workshop 5. Workshop for III sem students on "Cyber Safety" on 17th Jan 2023 in associate with CSI, SPICES, Mr. Nitesh Sinha, Founder & CEO, Sacumen, Mr. Jeevesha, Director of HR & Operations, Sacumen are the resource persons for this workshop. 6. Workshop for V Sem Students on "Application of IOT using Blynk and Google fire Cloud" on 15th & 16th Oct 2022 under AICTE SPICES, CSI Banner, Dr. Sreenivasa Shetty, CTO SST Technologies is resource person for the event 7. SENTINEL HACK 4.0 – 24 hours State level Hackathon with the moto "FutureForge" under the CSE Firefox student club from 3rd May 2023 to 4th May 2023. 8. Workshop on How to manage Stress- Date : April 10th 2023 Resource Person Dr. Hallegere Murthy Practicing Doctor, Miami, Florida. Audience 6th Sem A & B Section students 9. Internship Event for III Sem Student on "Object Oriented Programming with Java" on 17th to 21st Oct 2022	5/5
Details of programs attended for skill development like MOOCs, MOODLES, COURSERA, NPTEL and others (Only programs >=		/5

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20 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.	In SMS – 18CS645 Subject, Content Beyond syllabus Topics – Reliability Problem – Bearing failure is taught through Excel sheets of weblink https://dmnicol.web.engr.illinois.edu/bcnn/index.html Out come : Students did an activity based on the same Problem and presented their work – Link of pedagogy Video https://drive.google.com/drive/folders/1sQkOJbf-OqDdO2J6mSwNqn_4j2tSdPZF	5/5
Details of Project Proposal submitted during the current year. (At least one) Provide Details	"Application of Medical Images in Diseases Detection and Classification" VGST -FDP Proposal Submitted Application No: VRN/001529/22-23 Role: Co-Principal Investigator (Co-PI) Fund Amount :97, 500	5/5
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		
Additional Responsibilities in the Department/ College Example: Head, Coordinator , Accreditation etc.(2marks for each responsibility)	1. CSE Department Head 2. NAAC Coordinator –College level 3. NAAC Criteria 5 Coordinator 4. CSE NBA – Main Coordinator 5. Autonomous work 6. Coordinator – Faculty Interview (CSE & it's allied branches)	10/10
Details of Live Membership for Professional Bodies (IEEE CSI SEA ISTE …..) (2marks for first membership & 3 marks for second membership)	1) Life member ISTE no: LM15102 2) Fellow IEI No: F-121672-0 3) CSI Membership: F8000118 (Validity till 2024 Card Not received due to issues in CSI) Proof – Annexure 7	5/5
Contribution to Cultural / Sports Events (Furnish Details) [Marks to be	Encouraging students to Participate in sports activity. CSE Students (Trupthi, Sai Shankari, Sneha) Participated and Won prizes in VTU tournaments.	5/5

granulated based on the responsibility and participation by the HOI.]		
Contribution towards Branding, Admissions, etc [Marks to be granulated based on the responsibility and participation by the HOI.]	1. Branding the department by providing quality teaching through experienced team of faculty, Conducting State level Hackathon, supporting student's teams in National Level SIH, there by getting Winner's certificate 2022 – 23 (total 2 teams Won I Place and one team Won II Place). As these events are at state and National Level – branding about KSIT – CSE Department at state and national Level. 2.Counselling with Engineering aspirant candidate's Parents who will be visiting department & explaining them about Departments activities with achievements – Academic, Cocurricular, extracurricular etc and converting the opportunity in to a potential admission. – 100% Admissions in the CSE Department for the year 2022-23	10/10
TOTAL		160/190

Date: 22-1- 2024

Signature of faculty

Comments from the HOD:

Signature of the HOD

Comments of the Principal after the discussion:

Signature of the Principal

PRINCIPAL
K.S. INSTITUTE OF TECHNOLOGY
BENGALURU - 560 109.

- Provides very good leadership as HOD (CSE) and NAAC coordinator for KSIT
- Very meticulous in her work and always delivers results on time.
- Highly satisfactory performance

CEO

29/6/24

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KAMMAVARI SANGHAM GROUP OF INSTITUTIONS

STAFF SELF APPRAISAL REPORT

2022-2023

12th year at KSIT

KSIT

Field	Data	SCORE
Name	KUMAR K	
Present Address, Mob.No., e-mail id.	Devi Residency,1st Main,1st Cross, Sai Lotus Layout, BEML 5th Stage, Rajarajeshwari Nagar, Bengaluru.560098	
Age and Date of Birth	40 years,26th October 1983	
Qualification	B.E, M.Tech.,(Ph.D)	---
Designation and Department	Associate Professor, Computer Science &Engg.	
Teaching Experience (After PG)	13 Years 3 Months	
Other Experience(If any)	1 Year (Quality Test Associate @ TVS Electronics,Tumkur)	
List of Subjects Taught till date (use separate sheet if necessary)	2010-11 ➢Database Management Systems (95%) ➢Discrete Mathematical Structures (90%) ➢System Simulation and Modeling (100%) 2011-12 ➢Programming the Web (100%) ➢System Software (95%) ➢Computer Graphics and Visualization (90%) 2012-13 ➢Computer Concepts & C programming (90%) ➢Software Engineering (100%) ➢Cloud Computing & its Applications (100%) ➢Operating Systems (95%) 2013-14 ➢Programming the Web (95%) ➢System Modeling and Simulation (98%) 2014-15 ➢Database Management Systems (90%) ➢Graph Theory and Combinatorics (92%) 2015-2016 ➢Programming the Web (95%) ➢Programing with C & Data structures(88%) 2016-2017 ➢Object Oriented Modeling &Design(100%)	

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	➤ Cloud computing(100%) **2017-2018** ➤ Programing with C & Data structures(88%) ➤ Database Management Systems (82%) ➤ Wireless Sensor Networks &Mobile Computing (100%) **2018-2019** ➤ C program for Problem Solving (80%) ➤ Web Technologies and Applications(100%) ➤ Software Project planning &Mgt (100%) **2019-2020** ➤ Advanced Database Management Systems (100%) ➤ Operating Systems (100%) ➤ C Program for Problem Solving (100%). **2020-2021** ➤ Database Management Systems (95%) ➤ Web Technologies and Applications(95%) **2022-23** ➤ Principles of Programming using C (95%) ➤ Introduction to C Programming (91%).	*Has taught a variety of subjects*
Number of FDPs attended since joining service	23	--
*Subjects taught in the Assessment Year and percentage pass (Both Theory & Practical) (10marks for each x Percentage)	1. Principles of Programming using C – (95%) (2 Sections) 2. Introduction to C Programming (91%). (2 Sections)	36.6/40
Details of UG Projects Guided (5 marks/ project guided) Provide Titles (HOD to endorse)	1.Land Registry using Block Chain 2.Multi classification of Brain Tumor Images using Deep neural Networks	10/10
Details of PG Projects Guided (5 marks/ project guided) Only for MBA/M.Tech. 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.Principles of Programming using C(52 Classes/52 classes). 2.Introduction to C programming(54 Classes/52 classes)	5/5
Student Feedback for Offline / Online classes. (Avg. Percentage x 5 marks) Give details. HOD to verify.	9.16 (91.6%)	4.6/5

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

Details of students mentored during current assessment year. (Furnish details)	Allotted Students: 21 Pre-Final year :6 students Final year :13 students Detained : 2 students	--
Details of Participation in <u>VTU</u> Bodies (2 Marks) Furnish details and proofs.	• Attended VTU Evaluation Meeting @ VTU-RO,Bengaluru(online)	2
Details on Examination related Activity (2marks each) Marks only for external responsibility.)	1.Practical Exams ✓ 2. Conduction of Theory exams ✓ 3. Paper Setting ✓ 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. Coordinated for FDP on IPR organized by IP-Cell,KSIT,Bengaluru. 2. FDP on National Education Policy for skill India & Data Analytics and Cloud Computing In Collaboration with Institution of Engineers (India) & Edunet Foundation & EYGDS (LONDON) organized by City Engineering College, Bangalore	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] Ph.D. Completed – 10 marks.	1. Appeared for Course work exams (1 mark) 2. Applied for registration formalities (1 mark) 3. Identified Guide/Research Centre and preparing research Proposal (1mark.)	03/10
Research Publications: (5 marks each) Provide Full Details. HODs to verify.	1. Multiclassification of brain tumor images by using Machine Learning. 2.Land Registry using Block Chain Technologyg.	10/10
Seminars / Workshops / Conferences attended (5 Marks each) Data to be verified by HODs.	• International Workshop on Cloud and edge Computing @ SIET,Tumkur.	5/10
Financial Assistance received during current year for attending such events.		--
Registered as Research Guide (Reasons for not registering)	Yes / No	-
Research Scholars registered	Yes	5/5

2022-Regist Siddhartha Univ, Tumku. (handwritten note in right margin)

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.	1. Coordinated in conducting FDP on IPR organized by IP Cell,KSIT,Bengaluru. 2. Senitel Hack 4.0 3. Synergy 4. Conducted Internal Hackathon for 2022-23.	5/5
Details of programs attended for skill development like MOOCs, MOODLES, COURSERA, NPTEL and others (Only programs >= 20 hours need to be considered.	1.Prompt engineering using Python(12.5 Hours).	/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.	• GEEKS FOR GEEKS Quiz on C Programming.	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)	Rs.	-/5
Consultancy Revenue Generated	Rs.	-/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) Organizer for Hackathon (Sentinel Hack) 2) Coordinator, SPOC, Mentor for Smart India Hackathon 3) VTU valuation coordinator	10/10
Details of Live Membership for Professional Bodies (IEEE CSI SEA ISTE …..)	ISTE Member (LM 80426)	2/5
Contribution to Cultural / Sports Events (Furnish Details)	1.Coordinated in Ananya-22(Coordinated in maintain discipline committee(Alcohol Meter))	5/5

Sports Events (Furnish Details)	in maintain discipline committee(Alcohol Meter))	5/5
Contribution towards Branding, Admissions, etc [Marks to be granulated based on the responsibility and participation by the HOI.]	1.Interacted with parents and Students in clarifying doubts among the course selection. 2. Counselled parents in the selection of college (Among KSIT/KSSEM)	10/10
	TOTAL	136.2/190

Date: 29/01/2024

Signature of faculty

Comments from the HOD:

1. Teaching - Good.
2. SPOC - SIH, Sentinel Hack
3. Coordinator - Firefox dept club.
4. Valuation coordinator - VTU level

Signature of the HOD

Comments of the Principal after the discussion:

Signature of the Principal

— Advised to attend FDPs in institutions of higher repute
— Overall performance is satisfactory

CEO

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