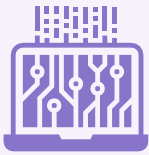|| Jai Sri Gurudev ||
Sri Adichunchanagiri Shikshana Trust ®

S J C Institute of Technology

Department of Computer Science & Engineering

NEWSLETTER 2022

Department of
Computer Science & Engineering

Vision

Building Proficient Computer Science Engineers having Core Values to Solve Real Life Problems

Mission

- Strengthening Students with Fundamental and Applied aspects in Design and Implementation of Computational Systems.
- Empowering the Students with Sound Knowledge in AI & ML, Data Analytics, Block Chain, AR and
- VR systems to Solve Multidisciplinary Problem.
- Developing Analytical Skills to meet the Complex, Societal and Industrial needs.
- Promoting Research blend of mind among Students enabling Continuous Learning.
- Encouraging Entrepreneurship including Ethical Values and Team building abilities.

01 ACADEMICS

1. FDP's / Workshops / Seminars / Webinars / Symposium / Conferences (Attended/Organize)

2. Faculty Qualification / Experience-Industry / Teaching.

3. Certifications Course-Faculty / Student

4. Skill Development Activities/Skill Enrichment Programs

02 RESEARCH

1. Papers Published in Journals(F/S)

2. Papers Published in Conference proceedings with ISBN

3. Books Written

4. Funded projects

5. Patents-Filing/Design/Grant

03 INDUSTRY INSTITUTE INTERACTION

1. Industry Visits

2. MOU'S

3. Expert Talks

4. Projects with Stipend

5. Centre of Excellence

04 OUTCOME

1. Achievements& Awards(Toppers)

2. Placed Students

3. Higher Studies Abroad & India

4. Entrepreneurs

5. Civil Services / Competitive Exams

6. Distinguished Alumini

Department of
Computer Science & Engineering

ACADAMICS 01

FDP's/ Workshop/ Seminars/ Symposium/ Conferences Organize	FDP's/ Workshop/ Seminars/ Symposium/ Conferences Attended	Certification Course(NPTEL / Udemy /Coursera / MOOC)
20	**50**	Faculty- **23** Students- **360**

FACULTY STRENGTH

- Professor & HOD **01**
- Associate Professor **04**
- Adj. Associate Professor **01**
- Assistant Professor **21**
- Adj. Assistant Professor **01**

Faculty Qualification/ Experience

Sl No.	Name of the Faculty	Designation	Qualification	Experience
1	Dr. Manjunatha Kumar B H	Professor & HOD	Ph. D.	19
2	Dr. M A Rajan	Adj. Professor	Ph. D.	27
3	Dr. Bharathi M	Professor	Ph. D.	25
4	Dr. Murthy S V N	Associate Professor	Ph. D.	11
5	Dr. M Seshaiah	Associate Professor	Ph. D.	19
6	Dr. Shrihari M R	Associate Professor	Ph. D.	13
7	H Srinivasa Murthy	Associate Professor	M.Tech (Ph. D)	24
8	Venkata Reddy P S	Adj. Associate Professor	M.Tech (Ph. D)	17
9	S Manjunatha	Assistant Professor	M.Tech (Ph. D)	17
10	G V Shiva Kumar	Assistant Professor	M.Tech (Ph. D)	13
11	Divakar K M	Assistant Professor	M.Tech (Ph. D)	15
12	Harshavardhana Doddamani	Assistant Professor	M.Tech (Ph. D)	15
13	Girish B G	Assistant Professor	M.Tech (Ph. D)	14
14	Ajay N	Assistant Professor	M.Tech (Ph. D)	13
15	Pradeep Kumar G M	Assistant Professor	M.Tech, (Ph.D)	11
16	Srinath G M	Assistant Professor	M.Tech	11
17	Rashmi K A	Assistant Professor	M.Tech, (Ph.D)	11
18	Swetha T	Assistant Professor	M.Tech, (Ph.D)	10
19	Narendra Babu C	Assistant Professor	M.Tech.	22
20	Ashok K N	Assistant Professor	M.Tech.	5
21	Chandana K R	Assistant Professor	M.Tech.	9
22	Gavina C G	Assistant Professor	M.Tech., (Ph.D)	3
23	Manjunatha P V	Assistant Professor	M.Tech., (Ph.D)	8
24	Madhu R	Assistant Professor	M.Tech., (Ph.D)	8
25	Suresh Kumar H S	Assistant Professor	M.Tech., (Ph.D)	
26	Mamatha G	Assistant Professor	M.Tech., (Ph.D)	4
27	Dhanushree A N	Assistant Professor	M.Tech	3
28	Kiran Kumar P N	Assistant Professor	M.Tech	11
29	Bhavya R A	Assistant Professor	M.Tech	9
30	Srinivas Biradar	Adj. Assistant Professor	M.Tech (Ph.D)	8

Certifications Course

Faculty

NPTEL	13
UDEMY	8
COURSERA	2

Student

Infosys Spring Board	140
Great learning	150
Simplilearn	60
UDEMY	14
COURSERA	3

Skill Development Activities/Skill Enrichment Programs

Infosys	Springboard Campus Connect
Inflow Technologies Pvt. Ltd.	Microsoft Azura AI Fundamental Examination
Indoskill	Deep Dive into Python Libraries with Application Projects

Bangalore Tech Summit

Visit to Dr. A P J Abdul Kalam Auditorium

Students participation in Cultural Events @ NITK

Coding Club Activity

Students Interaction Activity

DBMS Mini Project Activity

AICTE Activity

	Papers Published		Funded Projects		Patents	
	Faculty	Students	KSCST / VTU	NAIN		RESEARCH
	32	**40**	**8**	**9**	**12**	**02**

Funded projects

SI No.	Name of the Faculty	Project Title	Funded Agency	Amount
1	Prof. Manjunath S	Poorn'I'	NAIN-KITS	2,175,13
2	Dr. Bharathi M	Automation in cars to alert Drivers	NAIN-KITS	2,31,000
3	Prof. Narendra Babu C	An application to pay the fine for traffic rules violation	NAIN-KITS	2,33,000
4	Prof. Divakar K M	Controlled use of water for irrigation and fertilizers in farming	NAIN-KITS	2,41,000
5	Prof. Jagadish N	Academeasy-your academic friend	NAIN-KITS	1,46,000
6	Prof. Ajay N	Book market inside the campus	NAIN-KITS	1,67,890
7	Prof. Manjunath S	Android based intelligent smart vehicle for disable using brain computer interface and voice assistant	NAIN-KITS	2,45,000
8	Prof. Apoorva S	Innovative and effective use of resource along with advanced home automation system	NAIN-KITS	2,27,000
9	Prof. Ajay N	Notatia – the solution of the people	NAIN-KITS	2,78,000
10	Dr. Murthy S V N	Advanced Home Surveillance system	McAfee	5000
11	Dr. Anitha T N	Yashodhara- Virtual Tourism	KSCST	5000
12	Prof. Pradeep Kumar G M	Design of Wireless EMG Monitoring System for Muscle Activity on Parkinson Disease	KSCST	5000
13	Prof. Apoorva S	Polymer Sensor T-shirt for Respiratory Monitoring using IoT	KSCST	5000
14	Prof. Manjunath S	Social Distancing and Magic Eye to Avoid Spreading of Covid-19 Diseases.	VTU	5000
15	Prof. Apoorva S	Polymer Sensor T-shirt for Respiratory Monitoring using IoT	VTU	5000
16		KSCST : 2021 – 2022 (02 Projects)		9000
17		KSCST: 2022 – 2023 (09 Projects)		35000
			Total	**20,60,403**

Patents

Sl No	Name of the Faculty	Title of Invention	Application #	International / National
1.	Dr. Murthy S V N	Convolutional neural Networks based image compression for high quality mutifocus fused Images.	2021105709	International
2.	Dr. Bharathi M Prof. Divakar K M	An Enhanced Security Framework for Smart Weather Systems Based on IoT	202141016707A	National
3.	Prof. Ajay H C	Covid-19 fake news detection using Transformers and Deep Learning	202141030592	National
4.	Dr. Manjunatha Kumar B H	Smart Weed Removal Cultivator	355632-001	National
5.	Dr. Vikas Reddy S Dr. Murthy S V N Dr. Manjunatha Kumar B H	A System for Secure and trusrt worthy data communication using Blockchain based IoT framework.	202241000098 A	National
6.	Prof. Manjunath S	Speech data Protection method for voice based social media platforms using ML.	202121059115	National
7.	Dr. M Seshaiah	A system based on digital image processing for utilizing differential image intensity determinations	202241068169 A	National
8.	Prof. Harshavardhana Doddamani	Smart Wearable's using artificial intelligence to keep women safe	202311028600 A	National
9.	Prof. Harshavardhana Doddamani Prof. Srinath G M	IoT Enabled Leaf Disease Detection Using Deep Learning Algorithm	202341029951	National
10	Prof. Suresh Kumar H S	A system method for assessing an effectiveness of ML model in detecting chronic kidney disease.	202341011188	National
11	Dr. Murthy S V N	Energy Efficient Wireless Communication for IoT Enabled Greenhouses	202241069538	National
12	Prof. Girish B G Prof. Pradeep Kumar G M	Smart mask for improved personal health protection using IoT		National

INDUSTRY INSTITUTE INTERACTION

03

MOU'S **04**

Industry Visits

Industry Visit 2022

ABAI, Whitefield

ABAI, Whitefield

Industrial Visit - ATAL IDEA Lab
@ VTU Muddenahalli

MOU'S

Sl. No.	Name of the Company	Year MoUs	Activity Conducted
1.	Infosys	11/01/2022	Springboard Campus Connect
2.	Inflow Technologies Pvt. Ltd.	07/06/2022	Technical Talk on AI&ML with Python, Internship
3.	ABAI	21/10/2022	Industry Visit
4.	GNS Technologies	12/03/2021	Microsoft Certification Course

Internship with Stipend

Sll. No.	Name	USN	Company Name	Annual Package
1.	G Aswitha sai	1SJ18CS032	Rinex	4.2 lpa
2.	Tejashwini vj	1SJ20CS409	Rinex technologies	4.2 lpa
3.	S Shirisha	1SJ19CS129	TCS(Tata Consultancy Service)	7.2 lpa
4.	Vinay N	1SJ19CS167	HCL(quest informatics)	1.2 lpa
5.	B Bhavya	1SJ19CS017	Quest informatics	1.2 lpa
6.	Arun Kumar T S	1SJ19CS016	Quest Informatics	1.2 lpa
7.	Bharath Raju M	1SJ19CS021	TCS	5.4 lpa
8.	Yashwanthraj N	1SJ19CS173	Intellipaat	9 lpa
9.	Pallavi N	1SJ19CS112	TCS	7 lpa
10.	Monish.M	1SJ19CS102	Medpho	1.2 lpa

Expert Talks

Technical Talk on AI

Coding Contest

Career Guidance Program

Technical Talk on Web Development

Building Success Habits

Orientation Program

IBM Skill Build Program

Legal Awareness Program

Rank Holder	Distinguished Alumini	Entrepreneurs
01	**08**	**01**

04

Achievements

Rank Holder	Distinguished Alumini	Entrepreneurs	
01	**08**	**01**	**04**

Entrepreneurs

Rank Holder

**Swathi G
1SJ18CS110
4th Rank
2021 - 2022**

**Mr. Sagar Kashyap V K
Founder – Softwarepro
Technologies Pvt. Ltd.**

Distinguished Alumini

**Dr. Rajan M A
Research Scientist
Innovation Labs TCS**

**Dr. Keshava Munegowda
Vice President
SODA foundation**

**Mrs. Geetha Vivekananda G
BJP Karnataka Mahila
Morcha**

**Mr. Sagar Kashyap V K
Founder – Softwarepro
Technologies Pvt. Ltd.**

**Dr. Pushpa C N,
Associate Professor
Dept. of CSE
UVCE Bangalore**

**Mr. Renil Kumar Reddy
CEO
Terralogic Software Company**

**Mr. Thamme Gowda
Research programmer
University of Southern
California**

**Mr. Vinayaka S N
Team Lead
TCS**

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