







## MANDATORY DISCLOSURE FOR THE ACADEMIC YEAR (2024-25)

## 1. Name of the Institution/University

Name	Faculty of Engineering and Technology (Exclusively for Women),
	Sharnbasva University
Address	Sharnbasveshwar Institutional Campus, Vidya Nagar
Taluk	Kalaburagi
District	Kalaburagi
Pin Code	585103
State	Karnataka
Phone No.	9448193308
	https://suk.edu.in/Faculty/academics/Faculty-of-Engineering
Web site	<u>Technology-Women</u>
Email	dean@suk.edu.in
Telephone Number	08472-277854

## 2. Name and address of the Trust/ Society/ Company and the Trustees

	, , , , , , , , , , , , , , , , , , , ,
Name	Sharnbasveshwar Vidya Vardhak Sangha
Address	Sharnbasveshwar Institutional Campus
Taluk	Kalaburagi
District	Kalaburagi
Pin Code	585103
State	Karnataka
Phone No.	6362910169
Email	dean@suk.edu.in
Telephone Number	08472-277853

## 3. Name and Address of the Dean

Name	Dr. Lakshmi Patil Maka
Address	Sharnbasveshwar Institutional Campus, Vidya Nagar
Taluk	Kalaburagi
District	Kalaburagi
Pin Code	585103
State	Karnataka
Phone No.	9731794776
Email	dean@suk.edu.in
Telephone Number	08472-277852

## 4. Name of the affiliating University: NA









#### 5. Governance

## i. Members of the Board and their brief background

Sl. No.	NAME OF THE MEMBERS	DESIGNATION
	Poojya Dr. Sharnbaswappa Appa	
	Chancellor , Sharnbasva University, Kalaburagi	
1.	President, Sharnbasveshwar Vidya Vardhak	Chairperson
	Sangha,Kalaburagi. 8th MahaDasoha Peethadhipati,	
	Sharnbasveshwar Samsthan Kalaburagi.	
	Matoshree Dr.Dakshayini S.Appa,	
2.	Chairperson,	Member
	Sharnbasveshwar Vidya Vardhak Sangha, Kalaburgi	
	Sri. Basavaraj S.Deshmukh,	
3.	Secretary,	Member
	Sharnbasveshwar Vidya Vardhak Sangha, Kalaburgi	
4.	Prof. Anilkumar G Bidve	Member
4.	Vice-Chancellor , Sharnbasva University, Kalaburgi	Member
	Shri Srikar M.S IAS	
5.	Principal Secretary, Government of Karnataka,	Member*
	Higher Education Department Bengaluru	
	Shri Anilkumar T K IAS	
6.	Principal Secretary, Government of Karnataka,	Member*
	Medical Education Department Bengaluru	
7.	Expert Nominee of the Government of Karnataka	Member
8.	Expert Nominee of the UGC	Member
	Dr. V. D.Mytri	
9.	Director, Sharnbasva University, Kalaburgi	Member#
	Chancellors Nominee-Academician	
	Sri. N. S. Devarkal	
10.	Director, Sharnbasva University, Kalaburgi	Member#
	Chancellors Nominee-Academician	
11.	Dr. Lakshmi Patil Maka	Member#
11.	Dean, Sharnbasva University, Kalaburgi	
12.	Dr. S G Dollegoudar	Member#
14,	Registrar, Sharnbasva University, Kalaburagi	Secretary

## Frequently of the Board Meeting and Academic Advisory Body

The Board meetings are held whenever necessary. Normally it meets every six months. The Academic Advisory Body meets every six months at the end of semesters of the Institute.









## i. Organizational chart

The functions of each officer are clearly defined and notified. The instructions flow from top to bottom and execution /compliance flows from bottom to top. The Fig. 1 shows the FETW Organizational Chart.



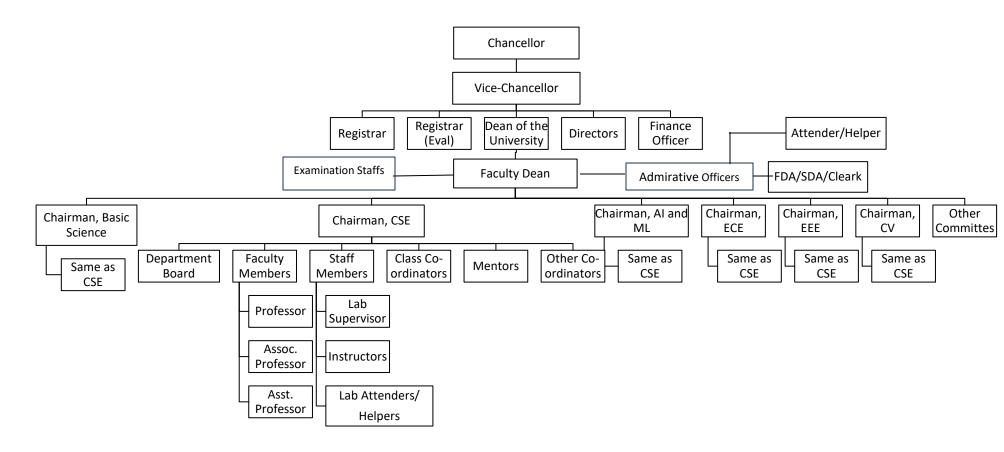


Fig. 1: FETW Organizational Chart







#### ii. Grievance Redressal mechanism for Faculty, staff and students

Information is available in: https://suk.edu.in/grievance-redressal-committee/

## ii. Establishment of Anti Ragging Committee

Information is available: https://suk.edu.in/anti-ragging-cell/

#### iii. Establishment of Online Grievance Redressal Mechanism

Information is available: <a href="https://suk.edu.in/grievance-redressal-committee/">https://suk.edu.in/grievance-redressal-committee/</a>

## iv. Details of Grievance Redressal Committee in the Institution and OMBUDSMAN by the University

## v. Establishment of Internal Complaint Committee (ICC)

Information is available &enclosed: <a href="https://suk.edu.in/internal-complaint-committee/">https://suk.edu.in/internal-complaint-committee/</a>

## vi. Establishment of Committee for SC/ST

Information is available & enclosed: <a href="https://suk.edu.in/sc-st-committee/">https://suk.edu.in/sc-st-committee/</a>

## vii. Internal Quality Assurance Cell

Information is available & enclosed: http://suk.edu.in









## 6. Programmes

## i. Name of Programmes approved by AICTE

The following programmes are approved by the Government of Karnataka, UGC and AICTE.

Sl. No.	Name of the Progrmme	Course	Level	Approved Intake
1.	Engineering and Technology	Computer Science and Engineering	Undergraduate	150
2.	Engineering and Technology	Electronics and Communications Engineering	Undergraduate	120
3.	Engineering and Technology	Electrical and Electronics Engineering	Undergraduate	60
4.	Engineering and Technology	Civil Engineering	Undergraduate	30
5.	Engineering and Technology	Artificial Intelligence and Machine Learning	Undergraduate	60
6.	Engineering and Technology	Digital Communications and Networking	Post Graduate	18
7.	Engineering and Technology	Computer Science & Engineering	Post Graduate	18

- ii. Name of Programmes Accredited by NBA: Nil
- iii. Status of the Accreditation of the courses: NA
- iv. Total Number of Courses: UG Courses: 05, PG Courses: 02









## v. For Each programme the following details are to be given

Sl. No.	Name of the Course	Cut off marks/rank of admission during the last years							
			Gen	eral			HI	K	
		GM	SC	ST	OBC	GM	SC	ST	OBC
1.	Computer Science and	57301	110281	152412	92055	73470	156886	204874	104886
	Engineering	37301	110261	132412	92033	73470	130000	204074	104000
2.	Electronics and								
	Communications	117131	195357	131268	231826	126329	204849	-	186623
	Engineering								
3.	Electrical and Electronics	84132	185744		121449	138779	195746		254002
	Engineering	04132	103744	_	121449	130779	193740	_	234002
4.	Civil Engineering	166602		-	238764	270783	183805	-	
5.	Artificial Intelligence and	41920	138028		128712	89924	223728		118451
	Machine Learning	41920	136026	_	120/12	07724	223726	_	110431

## vi. Fee (as approved by the state government)

Sl. No.	Name of the Course	Fees Per Year
1.	Computer Science and Engineering	1,07,495
2.	Electronics and Communications Engineering	1,07,495
3.	Electrical and Electronics Engineering	1,07,495
4.	Civil Engineering	1,07,495
5.	Artificial Intelligence and Machine Learning	1,07,495
6.	Digital Communications and Networking	69,300
7.	Computer Science & Engineering	69,300







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# 7. Faculty Branch wise list of Faculty members

## i. Computer Science & engineering (UG and PG)

S1 No.	Name of the Staff	Designation	Qualification	Experience in years	Date of Joining	Permanent / Temp/ Guest Faculty
1	Dr. Shivaleela Patil	Chairperson & Professor	Ph. D.	19	1/8/2018	Permanent
2	Dr. Manikamma	Professor	Ph. D.	12.5	1/8/2018	Permanent
3	Dr. Pushpalata	Assoc. Prof.	Ph. D.	12	1/8/2019	Permanent
4	Dr. Jyoti Neginal	Assoc. Prof.	Ph. D.	12	1/8/2019	Permanent
5	Dr. Nandini S Patil	Assoc. Prof.	Ph. D.	14	1/9/2020	Permanent
6	Dr. Sridevi M Hosmani	Assoc. Prof.	Ph. D.	12	1/8/2019	Permanent
7	Mrs. Anita B M	Asst. Prof.	M. Tech. (Ph. D.)	11.5	1/9/2020	Permanent
8	Mrs. Priyadarshini	Asst. Prof.	M. Tech.	11.5	1/8/2019	Permanent
9	Mrs. Nandini S P	Asst. Prof.	M. Tech. (Ph. D.)	11.5	1/9/2020	Permanent
10	Mrs. Vijayalaxmi	Asst. Prof.	M. Tech.	10.7	1/9/2021	Permanent
11	Mrs. Shruti S D	Asst. Prof.	M. Tech. (Ph. D.)	10	1/9/2020	Permanent
12	Mrs. Shweta Madiwal	Asst. Prof.	M. Tech. (Ph. D.)	9.6	1/9/2020	Permanent
13	Mrs. Shruthi S.A	Asst. Prof.	M. Tech. (Ph. D.)	10.6	1/9/2020	Permanent
14	Mrs. Akkanagamma	Asst. Prof.	M. Tech.	14	1/9/2020	Permanent
15	Mrs. Shruti.M.Patil	Asst. Prof.	M. Tech. (Ph. D.)	10	1/1/2021	Permanent
16	Mrs. Rashmi B	Asst. Prof.	M. Tech. (Ph. D.)	8.5	1/9/2021	Permanent
17	Mrs. Sneha	Asst. Prof.	M. Tech.	4	1/1/2023	Permanent
18	Ms. Swati V P	Asst. Prof.	M. Tech.	3	1/4/2023	Permanent
19	Mrs. Jagadevi	Asst. Prof.	M. Tech.	1.8	1/4/2023	Permanent
20	Mrs. Swarooparani	Asst. Prof.	M. Tech. (Ph. D.)	7	1/7/2023	Permanent
21	Mrs. Soumya Wali	Asst. Prof.	M. Tech.	1.2	1/11/2023	Permanent
22	Mrs. Poonam	Asst. Prof.	M. Tech. (Ph. D.)	6.5	2/7/2024	Permanent
1	Dr. Jyoti R M	Assoc. Prof.	Ph. D.	11.5	1/9/2020	Permanent
2	Mrs. Chethana	Asst. Prof.	M. Tech. (Ph. D.)	10	1/8/2017	Permanent
3	Mrs. Amruta	Asst. Prof.	M. Tech. (Ph. D.)	7	1/8/2017	Permanent









## ii. Artificial Intelligence & Machine Learning

S1 No.	Name of the Staff	Designation	Qualification	Experience in years	Date of Joining	Permanent / Temp/ Guest Faculty
1.	Dr. Sujata V Mallapur	Professor	Ph. D.	20	1/8/2017	Permanent
2.	Dr. Rashmi K Hiremath	Assoc. Prof.	Ph. D.	13.6	1/9/2019	Permanent
3.	Mrs. Bannamma	Asst. Prof.	M. Tech.	11 .7	1/9/2020	Permanent
4.	Mrs. Supriya Bagewadi	Asst. Prof.	M. Tech.	11 .8	1/9/2020	Permanent
5.	Mrs. Swati	Asst. Prof.	M. Tech.	10 .8	1/9/2021	Permanent
6.	Mrs. Ratnakala Patil	Asst. Prof.	M. Tech.	11	1/9/2021	Permanent
7.	Mrs. Nirupama	Asst. Prof.	M. Tech.	6	1/9/2021	Permanent
8.	Dr. Ayesha Heena	Asst. Prof.	Ph. D.	24	1/12/2022	Permanent
9.	Mrs. Ambika	Asst. Prof.	M. Tech.	3	1/1/2022	Permanent

## iii. Department of Electronics and Communication Engineering (UG and PG)

S1 No.	Name of the Staff	Designation	Qualification	Experience in years	Date of Joining	Permanent / Temp/ Guest Faculty
1	Dr. Lakshmi Patil	Prof. and Dean	Ph. D	16.6	1/8/2017	Permanent
2	Mrs. Shivganga Patil	Assoc. Prof.	M. Tech.	24	1/8/2018	Permanent
3	Dr. Nagaveni K	Assoc. Prof. & Chairperson	Ph. D	13.6	1/8/2017	Permanent
4	Dr. Sujata K	Assoc. Prof.	Ph. D	15.6	1/8/2019	Permanent
5	Dr. Anuradha Patil	Assoc. Prof.	Ph. D	10.6	1/8/2019	Permanent
6	Dr. Basanti Ghanti	Prof.	Ph. D	20.5	1/3/2023	Permanent
7	Dr. Vanita Kaba	Asst. Prof.	Ph. D	11.6	1/1/2019	Permanent
8	Mrs. Vishalakshi Patil	Asst. Prof.	M. Tech.	11.6	1/8/2019	Permanent
9	Mrs. Laxmi Patil	Asst. Prof.	M. Tech.	10.6	1/8/2019	Permanent
10	Mrs. Shobana K	Asst. Prof.	M. Tech.	10.6	1/8/2019	Permanent
11	Mrs. Geeta M	Asst. Prof.	M. Tech.	10.6	1/8/2029	Permanent
12	Mrs. Rekha M P	Asst. Prof.	M. Tech.	10 .6	1/9/2020	Permanent
13	Dr. Sangeeta patil	Asst. Prof.	M. Tech.	10 .6	1/9/2020	Permanent
14	Mrs. Abhilasha Patil	Asst. Prof.	M. Tech.	10.6	1/9/2020	Permanent
15	Mrs. Shivleela R	Asst. Prof.	M. Tech.	10 .6	1/9/2020	Permanent









16	Mrs. Shruti H	Asst. Prof.	M. Tech.	10.6	1/9/2020	Permanent
17	Mrs. Laxmibai R B	Asst. Prof.	M. Tech.	9.6	1/9/2021	Permanent
18	Mrs. Neelambika	Asst. Prof.	M. Tech.	9.6	1/9/2021	Permanent
19	Mrs. Basaveshwari	Asst. Prof.	M. Tech.	8.6	1/9/2021	Permanent
20	Mrs. Ratnamala Patil	Asst. Prof.	M. Tech.	8.6	1/9/2021	Permanent
21	Mrs. Ambika patil	Asst. Prof.	M. Tech.	8.6	1/9/2021	Permanent
22	Mrs. Sujita	Asst. Prof.	M. Tech.	8.6	1/9/2021	Permanent
23	Mrs. Pushpa Patil	Asst. Prof.	M. Tech.	12	1/11/2022	Permanent
24	Ms. Vijayalaxmi M K	Asst. Prof.	M. Tech.	11.5	1/11/2022	Permanent
25	Mrs. Netra L	Asst. Prof.	M. Tech.	2. 4	1/12/2022	Permanent
26	Ms. Shweta Biradar	Asst. Prof.	M. Tech.	2.4	1/11/2022	Permanent
27	Mrs. Bhavani Biradar	Asst. Prof.	M. Tech.	1.8	16/06/2023	Permanent
28	Mrs. Ashwini Patil	Asst. Prof.	M. Tech.	4	1/11/2024	Permanent
1	Dr. Shilpa Shrigiri	Prof.	Ph. D	21.5	15/05/2020	Permanent
2	Dr. Asharani Patil	Assoc. Prof.	Ph. D	14.1	1/8/2018	Permanent

## iv. Department of Electrical and Electronics Engineering

Sl No.	Name of the Staff	Designation	Qualification	Experience in Years	Date of Joining	Permanent / Temp/ Guest Faculty
1.	Dr. M. Sasikala	Professor	Ph. D.	31	1/7/2019	Permanent
2.	Dr. Sushma Patil	Assoc. Prof.	Ph. D.	13.5	1/8/2018	Permanent
3.	Dr. Geeta	Assoc. Prof.	Ph. D.	13.3	1/8/2018	Permanent
4.	Mrs. Ashwini	Asst. Prof.	M. Tech.	10.6	1/9/2019	Permanent
5.	Mrs. Savitri	Asst. Prof.	M. Tech.	9.6	1/9/2019	Permanent
6.	Ms. Amruta	Asst. Prof.	M. Tech.	9.6	1/9/2020	Permanent
7.	Mrs. Soumya	Asst. Prof.	M. Tech.	8.6	1/9/2021	Permanent
8.	Mrs. Nandini	Asst. Prof.	M. Tech.	8	1/9/2021	Permanent
9.	Mrs. Smita	Asst. Prof.	M. Tech.	6.6	1/8/2018	Permanent
10.	Mrs. Poornima	Asst. Prof.	M. Tech.	6.5	1/11/2022	Permanent
11.	Mrs. Laxmi	Asst. Prof.	M. Tech.	3	1/11/2022	Permanent
12.	Ms. Ningu	Asst. Prof.	M. Tech.	2	15/2/2023	Permanent
13.	Mrs. Mahananda	Asst. Prof.	M. Tech.	2	1/3/2023	Permanent
14.	Mrs. Deepika	Asst. Prof.	M. Tech.	4	15/11/2024	Permanent
15.	Mrs. Sujata	Asst. Prof.	M. Tech.	4	15/11/2024	Permanent









## v. Department of Civil Engineering

S1. No.	Name of the Staff	Designat ion	Qualification	Experience	Date of Joining	Permanent / Temp/ Guest Faculty
1.	Prof. Sheetal Biradar	Assoc. Prof.	M. Tech. (Ph. D.)	6.7	1/7/2018	Permanent
2.	Dr. Smita G Jagannath	Assoc. Prof.	Ph. D.	6 .6	1/8/2018	Permanent
3.	Vidyashree Deshmukh	Asst. Prof.	M. Tech	5.6	1/8/2019	Permanent
4.	Preeti Arakeri	Asst. Prof.	M. Tech. (Ph. D.)	5.6	1/8/2019	Permanent
5.	Poonamrani T	Asst. Prof.	M. Tech.	4.1	1/1/2021	Permanent
6.	Neelam Paragond	Asst. Prof.	M. Tech.	4.1	1/1/2021	Permanent
7.	Swetha Shetty	Asst. Prof.	M. Tech.	4.1	1/1/2021	Permanent
8.	Megha Vastrad	Asst. Prof.	M. Tech.	3.11	1/4/2021	Permanent
9.	Pooja Matnalli	Asst. Prof.	M. Tech.	3.3	1/11/2021	Permanent
10.	Saksheshwari	Asst. Prof.	M. Tech. (Ph. D.)	3.5	1/1/2022	Permanent
11.	Akshata	Asst. Prof.	M. Tech.	2.9	1/6/2022	Permanent
12.	Divya	Asst. Prof.	M. Tech.	2.8	1/7/2022	Permanent
13.	Savita R Patil	Asst. Prof.	M. Tech.	2.4	5/11/2022	Permanent

vi. Department of Basic Science

Sl No.	Name of the Staff	Designat ion	Qualification	Experien ce In years	Date of Joining	Permanent / Temp/ Guest Faculty
1.	Dr. Jagdevkumar Patil	Proffessor	M. Tech. , Ph. D	21.2	11/1/2004	Permanent
2.	Dr. N Jayasudha	Proffessor	M.Sc, M.Phil, Ph. D.	17.8	7/1/2007	Permanent
3.	Dr. Swati Kalshetty	Proffessor	M.Sc, M.Phil, Ph. D	17.8	7/1/2007	Permanent
4.	Dr. Shweta C	Associate. Prof	M. Tech. ,Ph. D.	13.7	8/1/2007	Permanent
5.	Dr. Shivaleela V	Associate. Prof	M. Sc., Ph. D	12.2	5/10/2012	Permanent
6.	Dr. Bharati Roje	Associate. Prof	M. Sc, Ph. D	13	3/25/2012	Permanent
7.	Dr. Ambika B	Associate. Prof	M.Sc., Ph. D	12.6	8/16/2012	Permanent
8.	Dr. Shilpa Desai	Associate. Prof	M.Sc., Ph. D	13.6	8/28/2012	Permanent









9.	Dr. Danamma H	Asst.Prof	M.Sc., Ph. D	9.6	8/1/2015	Permanent
10.	Dr. Anita R H	Asst.Prof	M.Sc., Ph. D	9.6	8/1/2015	Permanent
11.	Dr. Sangeeta Aland	Asst.Prof	M.Sc., Ph. D	6.3	6/5/2016	Permanent
12.	Prof. Poojalata N S	Asst.Prof	M. Sc. (Physics)	6	2/16/2019	Permanent
13.	Prof. Geeta Patil	Asst.Prof	MSc. (Physics)	5.9	5/1/2019	Permanent
14.	Prof. Sanjana U	Asst.Prof	M. Tech	5.6	9/1/2019	Permanent
15.	Prof. Pooja Patil	Asst.Prof	M,Sc	3.6	3/18/2019	Permanent
16.	Prof. Vasantalakshmi K	Asst.Prof	M.Sc	3.4	12/15/2021	Permanent
17.	Prof. Shruti Houde	Asst.Prof	M.Sc	2.8	6/1/2022	Permanent
18.	Prof. Aishwarya	Asst.Prof	M.Sc	1.2	7/1/2023	Permanent
19.	Prof. Soumya B	Asst.Prof	M. Tech.	2	11/1/2023	Permanent
20.	Dr. Ashwini Sharan	Asst.Prof	M.Sc, Ph. D.	1.3	12/1/2023	Permanent
21.	Prof. Shweta Patil	Asst.Prof	M,Sc	2.3	12/1/2023	Permanent
22.	Dr. Shivshekhar Mangalgi	Associate. Prof	M. Tech. ,Ph. D.	2	3/1/2023	Permanent
23.	Dr. Sarika Devi K	Asst.Prof	M.A, Ph. D.	27	8/2/2017	Permanent

## iii. Adjunct Faculty:

iv. **Permanent Faculty: Student Ratio:** B. Tech.: 1:20 and M. Tech.: 1:12

#### 8. **Profile of Dean**

i. Name: Dr. Lakshmi Patil

ii. Date of Birth: 19/2/1987

iii. Unique ID:

iv. Education Qualifications: M. Tech. (ECE), Ph. D.

v. Work Experience:

Teaching/ Research/ Industry/ Others: 17/6

- vi. Area of Specialization: Electronics and Communication Engineering
- vii. Courses taught at Under Graduate:
  - Power Electronics
  - Basic Electronics
  - Electromagnetic Field Theory
  - VHDL
  - 8051 Microcontroller, 8086 Microprocessor







- Digital Image Processing
- Research Methodology etc.
- viii. Level: Undergraduate
- ix. Research guidance (Number of Students): 05
- x. No. of papers published in National and International Journals: 15, Conferences: 10
- xi. Master (Completed/Ongoing): 05
- xii. Ph. D.. (Completed/Ongoing): 5 Ongoing
- xiii. Projects Carried out:
- xiv. Patents (Filed & Granted): 06
- xv. Technology Transfer: -Nil-
- xvi. Research Publications (No. of papers published in National/International Journals/Conferences): 25
- xvii. No. of Books published with details (Name of the book, Publisher with ISBN, year of publication, etc.): -

Detailed bio-data is available in <a href="https://suk.edu.in/Academics/faculty-of-engineering-technology-exclusively-for-women/">https://suk.edu.in/Academics/faculty-of-engineering-technology-exclusively-for-women/</a>.









## 9. **Fee**

## i. No. of Fee waivers granted with amount and name of students

	Fee Waivers/Scholarship by the institute 2024-25					
S1. No.	Name of Department	Year	No. of Students	Total Fee Concession / Scholarship by the institute		
	Artificial Intelligence and	III	31	5,50,856		
1	Machine Learning	IV	43	14,22,306		
	Total		74	19,73,162		
2	Computer Science and	III	6	80,776		
2	Engineering	IV	76	19,59,924		
	Total		82	20,40,700		
		I	20	13,64,900		
		II	21	10,93,054		
3	3 Civil Engineering	III	19	10,05,850		
		IV	19	9,20,064		
	Total		79	43,83,868		
		I	35	10,99,840		
	Electrical and Electronics	II	28	7,82,498		
4	Engineering	III	38	10,49,498		
		IV	44	17,53,892		
	Total		145	46,85,728		
		I	53	15,37,225		
	Electronics and	II	63	9,49,162		
5	Communication Engineering	III	71	16,42,516		
			89	34,52,564		
	Total	276	75,81,467			
	Total		2,06,64,925			







## ii. Number of scholarships offered by the Institution, duration and amount

- Do -

## 10. Admission

## i. Number of seats sanctioned with the year of approval

Sl. No.	Name of the Programmee	Course	Level	Sanctioned Seats	Year of Approval
1.		Computer Science and Engineering	Undergraduate	150	2018-19
2.		Electronics and Communications Engineering	Undergraduate	120	2018-19
3.	Engineering and	Electrical and Electronics Engineering	Undergraduate	60	2018-2019
4.	Technology	Civil Engineering	Undergraduate	30	2018-19
5.		Artificial Intelligence and Machine Learning	Undergraduate	60	2021-2022
6.		Digital Communications and Networking	Post Graduate	18	2017-2018
7.		Computer Science & Engineering	Post Graduate	18	2017-2018









# ii. Number of students admitted under various categories each year in the last three years

Sl. No.	Department Name	Year	Intake (All 4 Years)	OBC	GM	SC	ST	TOTAL
		2021-22	480	375	16	31	11	433
1	CCE	2022-23	480	390	22	35	12	456
1.	CSE	2023-24	510	422	29	40	11	502
		2024-25	540	424	62	45	13	545
		2021-22	480	189	05	20	6	220
2.	ECE	2022-23	480	254	08	39	7	308
2.	ECE	2023-24	480	327	15	35	8	385
		2024-25	480	317	17	33	08	375
		2021-22	240	74	02	44	01	121
3.	CV	2022-23	240	56	03	39	01	99
3.	CV	2023-24	240	58	02	38	03	101
		2024-25	240	61	02	27	02	92
		2021-22	240	114	06	45	02	167
4.	EEE	2022-23	240	103	04	44	03	154
4.	LLL	2023-24	240	107	04	41	04	156
		2023-24	240	110	03	39	04	156
		2021-22	60	50	5	3	1	59
5.	AI & ML	2022-23	120	92	18	7	2	119
5.	AI & WIL	2023-24	180	145	22	8	2	179
		2024-25	240	201	25	12	2	239

Sl. No.	Course	Year	Intake (All 2 Years)	OBC	GM	SC	ST	TOTAL
		2022-23	36	12	0	0	0	12
1.	CSE	2023-24	36	17	0	0	0	17
		2024-25	36	15	0	0	0	15
		2022-23	36	10	0	1	1	12
2.	DCN	2023-24	36	9	0	2	0	11
		2024-25	36	9	0	1	0	10









## iii. Number of applications received during last year for admission under Management Quota and number admitted

Sl. No.	Course	No. of Applications Received during the Academic Year 2024-25	No. of Students Admitted during the Academic Years 2024-25
1.	Computer Science and Engineering	160	85
2.	Electronics and Communications Engineering	145	66
3.	Electrical and Electronics Engineering	70	35
4.	Civil Engineering	53	20
5.	Artificial Intelligence and Machine Learning	80	35

#### 11. Admission Procedure

i. Mention the admission test being followed, name and address of the Test Agency and its URL (website)

PG		U	IG
GOVERNMENT	Management	GOVERNMENT	Management
Post Graduate Courses		Undergraduate Courses	
PGCET Address: Sampige Road, 18th Cross, Malleshwaram, Bangalore – 560012. Website: http://kea.kar.nic.in	Based on the Ranking of PGCET	KCET Address: Sampige Road, 18th Cross, Malleshwaram, Bangalore – 560012. Website: http://kea.kar.nic.in	Based on the Ranking of KCET, CUCET of COMED-K

- ii. Number of seats allotted to different Test Qualified candidate separately (AIEEE/CET/State conducted test/University test/ CMAT/GPAT)/ Association conducted test etc)
  - CET 40% (Government)









#### iii. Calendar for admission against management/vacant seats:

As per the guidelines issued by Sharnbasva University. The details are available at university website

https://suk.edu.in/admission

#### 12. Criteria and Weightage for Admission

i. Describe each criterion with its respective weightages i.e. Admission Test, marks in qualifying examination etc

All the admissions are based on KCET Rank score in B.Tech. respectively. There is no separate weightage for marks in the qualifying examination.

ii. Mention the minimum level of acceptance, if any

Not Applicable

iii. Mention the cut-off levels of percentage and percentile score of the candidates in the admission test for the last three years

Not Applicable

iv. Display marks scored in Test etc. and in aggregate for all candidates who were admitted

Not Applicable

## 13.List of Applicants

List of candidates whose applications have been received along with percentile/percentage score for each of the qualifying examination in separate categories for open seats. List of candidate who have applied along with percentage and percentile score for Management quota seats

Not Applicable

## 14. Results of Admission Under Management seats/Vacant seats

As per the guidelines issued by Sharnbasva University









#### 15. Information of Infrastructure and Other Resources Available

Sl. No	Particular	Number	Area in Sq. M each	
i.	Class Rooms	33	77	
ii.	Tutorial Room	6	33	
iii.	Laboratories	34	77 and 152	
iv.	Computer Centre	1	150	
v.	Central Examination Facility	1	77	
vi.	Online Examination Facility	No. of Nodes: 20, 1	Internet: 300 Mbps	
vii.	Barrier free Environment	Available		
viii.	Fire and Safety Certificate	Available		

#### ix. Hostel Facilities

The institute provides well-equipped residential hostels exclusively for girls, ensuring a safe, comfortable, and academically supportive living environment. Each hostel is managed with utmost care and attention to student well-being, and is equipped with the following facilities:

- Dedicated study halls to foster focused academic activity.
- Spacious and well-maintained common rooms for relaxation and peer interaction.
- Provision of safe, purified drinking water both hot and cold.
- An entertainment hall with indoor games for recreational engagement.
- A well-stocked magazine section to promote reading and awareness.
- Designated outdoor areas for sports and physical activities.
- Round-the-clock security with surveillance systems to ensure safety
- Resident wardens to supervise and support the students.
- Access to basic medical facilities and first-aid support, with arrangements for emergency care.









#### x. Library

xi. Number of Library books/ Titles/ Journals available

Name of the Programme	Total Books in No.	Existing Titles in No.	National Journals in No.	International Journals in No.	E-Journals (Subscription)
Electronic & Communication Engineering	11270	247	06	03	
Computer Science & Engineering	6366	240	06	03	DELNET
Electrical and Electronics Engineering	5681	94	06	03	Membership.
Civil Engineering	1888	78	06	03	NDL Membership.
Artificial Intelligence & Machine Learning	5879	198	06	03	EBSCO e -
Basic Science	8764	509	06	03	Journals
Total	39848	1366	36	18	

#### **Library Facilities:**

The Library at the Faculty of Engineering and Technology (Exclusively for Women) (FETW) is a modern, student-centric learning hub that supports academic excellence, research, and holistic student development. Designed to meet the needs of 21st-century learners, the library offers a wide range of facilities and services:

- Extensive Collection: A comprehensive range of textbooks, reference books, journals, magazines, and technical reports across engineering and science disciplines.
- Digital Library Section: A dedicated digital zone equipped with internet-enabled computers to access e-resources, online databases, journals, and research platforms.
- Spacious Reading Hall: A quiet and comfortable reading area with a seating capacity of more than 300 students, fostering an ideal environment for focused study.
- E-Resources Access: Access to a vast collection of e-books and e-journals through the EBSCO Database and other online academic resources.
- Printing and Photocopying Facility: Convenient access to printing, photocopying, and scanning services to support students' academic and project needs.







- Coffee & Refreshment Area: A dedicated space within the library for coffee and light refreshments, providing students a comfortable break area during long study hours.
- Drinking Water Facility: Safe and clean drinking water is available within the library premises for students and staff.
- Automated Library Management System: Fully digitized system for cataloguing, issuing, and managing library materials efficiently.
- Question Banks: A collection of previous years' university exam papers is available to assist students in their exam preparation.
- Departmental Library Access: Additional academic resources are available through departmental libraries to support in-depth subject learning.
- Wi-Fi Enabled Zone: High-speed internet connectivity is available throughout the library for research and digital learning.
- Quiet Study Zones: Designated silent zones to ensure a distraction-free reading and research environment.
- Property Counter: Secure storage area for bags and issued books located at the library entrance.

## xii. List of Major Equipment/Facilities in each Laboratory/ Workshop

Sl. No.	Programme Name	Name of the Lab	Major Equipment's Available			
			1. Single Phase Transformers			
			2. Three phase Transformers			
			3. Auto Transformers			
			4. Inductive Load			
1.		Induction Machines	5. Resistive Load			
1.		Laboratory	6. Lamp Load			
		J	7. Tachometer			
			8. Voltmeters (Both AC and DC)			
	Electrical and		9. Ammeters (Both AC and DC)			
	Electronics		10. wattmeter's			
	Engineering		1.DC generator			
			2.DC Motor			
		DC-Machines and	3.Synchronous Machine			
			4.AutoTransformers			
2.		Synchronous machines	5.ResistiveLoad			
			6.Lamp Load			
		Laboratory	7.Tachometer			
			8.Voltmeters (Both AC and DC)			
			9.Ammeters (Both AC and DC)			







		10.Wattmeters
		1.Resistors
3.	Electric Circuit	2.Bread board
	Analysis Laboratory	3.Regulated power supply
	Analog and digital	1.Regulated power supply
4.	Electronics	2.Function Generator
	Laboratory	3.CRO, Power Supply
		1.AC servomotor speed torque study unit
		2.DC servomotor speed torque study unit
		3.Synchro transmitter receiver pair
_	Control systems	4.Second order system study unit
5.	Laboratory	5.PID controller trainer kit
		6.Frequency response of second order system study unit
		7.Lead Lag network study unit
		8. Desktop with sci lab software
		1. SCR,TRIAC and DIAC characteristic study unit
		2.MOSFET-IGBT characteristic study unit
		3.R-C half and full wave firing circuit
	Danier da danie	4.Digital firing circuit
6.	Power electronics	5.Singal phase converter firing circuit
	Laboratory	6.AC voltage controller using TRIAC and DIAC
		7.DC motor speed control unit
		8.Stepper motor
		9.Universal motor control unit
		1.Wheat stone bridge
		2.Kelvin double bridge
	Electrical and	3.Schering bridge
	electronics	4.Weins bridge
7.	measurements	5.Maxwell inductance capacitance bridge
	Laboratory	6.Range extension of voltmeter using multiplier
	Laboratory	7.Range extension of Ammeter using multiplier
		8.Calibration of dynamometer type power factor
		9.LVDT kit
		1.Transformer oil test kit
8.	High voltage	2.Field mapping using electrolytic test kit
	Engineering	3.AC/DC high voltage test setup
	Laboratory	4.Horn gap arrestor kit
		5.Corona gauge kit
	Switch gear and	1.Over voltage Relay study unit
9.	protection	2.Over current Relay study unit
	Laboratory	3.Fuse testing
	Laboratory	4.Motor protection scheme study unit









	Γ	T	
			5.Buchholz relay
			6.Transformer protection kit
			7.Feeder.protection scheme with four feeder fault study
			unit
10.		Microcontroller	1.Desktop with keel software
10.		laboratory	2. Interfacing kit
11.		Electrical drawing	1.Desktop with CAED software
10		Signals and systems	1 Design and the set left and the second
12.		Laboratory	1.Desktop with sci lab software
		Digital signal	
13.		processing	1.Desktop with sci lab software
		Laboratory	1
		Power system	
14.		simulation	1.Desktop with sci lab software
		Laboratory	1
		Sensors and	
15.		Actuators	Desktop with virtual lab application
		Laboratory	- comp
		Simulation of	
16.		Electrical machines	Desktop with virtual lab application
		Introduction to	
17.		virtual laboratory	Desktop with virtual lab application
		Simulation of power	
18.		electronics circuits	Desktop with virtual lab application
		Simulation of digital	
19.		system Design	Desktop with virtual lab application
		System Design	HP Commercial desktop
		AIML Lab 1 and Lab	280G617QY87AV
20.		2:	10 <sup>th</sup> Gen intel core 17 10700
۷٠.		<b>-</b> ·	Processor,8GB DDR4 Ram,512GB SSD, Keyboard, optical
			Mouse, Windows 11 preloaded – 30 in No's
			Hp Laptop 240 G7 1S5F1PA
	Artificial	AIML Lab 3 and 4:	10th Gen Intel Core i3
21.		Alivil Lau 3 aliu 4.	
	Intelligence		Processor 4GB DDR4vra,1tb HDD Sata 14.0" Screen
	and Machine		Display, Intel HD Graphics – 30 in No's
	Learning		HP Commercial desktop
22		AIML Lab 4 and 5:	280G617QY87AV
22.		THIND Eas I and S.	10th Gen intel core 13
			Processor,4GB DDR4 Ram,512GB SSD, Keyboard, optical
			Mouse, Windows 11 preloaded – 30 in No's
23.		AIML Project Lab:	IOT Lite Kit (HSN/SAC: 8542310) – 15 No's
			Monitors – 15 No's, Desktops: 15









			Transistor characteristics apparatus -TRC501
			2. Resonance Expt.Set up-RES201
			3. Function Generator-KFG201
			4. Capacitor Charging & Discharging Expt.Set up-
			CDC201
			5. Blackbody Radiator Expt.Set up
			6. Plancks Constant Expt.Set up-PLA301
			7. Fermi Energy Expt.Set up FE501
			8. Resistivity Semiconductor by Four Probe Method-FP501
			9. Laser Diffaraction set-LAS301
			10. BH Curve Expt.Set up-BH501 11. Zener Diode Characteristics Expt.Set up-DZD201
			12. Travelling Microscope
			13. Servo Stabilizer 2KVA
			14. Spiritlevel-metal-supirior
	I Year	Physics Lab	15. Digital Multimeter vartech-MS822H
24.			16. Photodiode Expt.Set up
			17. Ultrasonic Interferometer ULT-501
			18. BH Curve Expt.set up with CRO dual
			19. Spectrometer-6 with light
			20. Mercury Vapour lamp-160W& Lamp box
			21. Uniform Bending Apparatus
			22. Newtons Ring/Air Wedge Microscope
			23. Solid State Lamp SSL-501
			24. Hot Plate
			25. Sodium vapour lamp complete set up
			26. Newtons ring microscope with camera Set up
			27. Single Cantilever Experiment Set up
			28. Torsional Pendulum with Digital stop clock
			29. Spring constant in Series & Parallel combination
			Expt.
			30. Angle of acceptance & Numerical apertures
			Expt.Set up
			1. Potentiometer
			2. pH Meter
		Chemistry Lab	3. Colorimeter
31.	I Year		4. Conductometer
			5. Distillation water unit
			6. Digital Electronic balance Trident
			7. Dia round hot plate with Energy regulator









	ı	T	,
			1. Bench vice – 24 no.s
			2. Hack saw frame – 30 no.s
			3. Files –
			a) flat 30,
			b) half round- 06 no.s,
			c) triangular -06,
			d) square -06,
			4. Try square -15 no.s
			5. Surface plate -01 no.
			6. Surface Guage -01 no.
			7. Vernier Caliper -01 no.
		Manager	8. Angle plate -01 no.
22	LVaar	Manufacturing	9. Steel Rule-01 no.
32.	I Year	Practice and Digital	10. Dot punch -02 no.s
		Fabrication Lab	11. Hammers -05 no.s
			12. Inside Caliper -01 no.
			13. Outside Caliper-01 no.
			14. Divider -01 no.
			15. Bench type Drilling Machine -01. No.
			16. Hand Drilling Machine -01.no.
			17. Hand Grinder -01
			18. Hand Grinding Machine -01 no.
			19. Welding Machine and accessories-02 No.s
			20. Metal Cutting Machine -01 no.
			21. Ply wood cutter machine01 no.
			22. Sheet metal work shop accessories
			1. Cathode Ray Oscilloscope
		Electronics 0	2. Function Generator
22		Electronics &	3. Regulated Power Supply
33.		Communication	4. Fixed Power Supply
		Laboratory – I	5. HP Laptops
			IC Trainer/Tester Kit
	Electronics		1. Klystron Power Supply
	and		2. VSWR Meter
	Communicati		3. Microwave Signal Source
	on	77	4. Power Meter
0.4	Engineering	Electronics &	5. Dipole, Yagi Uda Antenna
34.		Communication	6. Power Meter
		Laboratory – II	7. Microwave Trainer kit
			8. Cathode Ray Oscilloscope
			9. Function Generator
			Regulated Power Supply
L		1	









	T		
35.		Electronics & Communication Laboratory – III	<ol> <li>HP Commercial HP Desktop &amp; Monitor</li> <li>HP Laptops</li> <li>DSP Starter Kits</li> <li>IoT Development Trainer Kits</li> <li>EMBEVAL-04 89C51 Embedded board and Interfacing Cables         Arm Cortex M3 LPC1768 Evaluation board     </li> </ol>
36.		Computer Center/Research Laboratory	<ol> <li>HP Commercial HP Desktop &amp; Monitor</li> <li>HP Laptops</li> <li>HDL GIPO Kits</li> <li>5G VLC Communication Kits</li> <li>5G VLC Optical Communication Kits</li> <li>VLC/FSO modules, Ambient light sensor</li> </ol>
37.	Electronics and Communicati on Engineering	Project Laboratory	<ol> <li>IoT MOOC kit</li> <li>Quad encoder ground DC motor 200 RPM</li> <li>Motor driver module</li> <li>USB adapter 2A</li> <li>Metal gear servomotor</li> <li>Micro SD card</li> <li>2-Wheeler smart car kit Document CD</li> <li>2 channel relay board</li> <li>Micro servo motor</li> <li>TCS 3200 based colour sever module</li> <li>Digital Communication Trainer Kits</li> <li>Arduino Mega Board</li> <li>Raspberry Pi Board</li> <li>GPS &amp; Frequency Monitoring Kits.</li> <li>Electronics Spices - combo</li> <li>Themisto</li> <li>Tower Pro SG 90 Micro Servo Motor</li> <li>Serplex Soldering Kit</li> <li>Aone Archimedes Micro PCB Hand Spiral Drill</li> <li>Electronics Spices Copper Composite PCB Boards         <ul> <li>HTC Digital Mulitmeter</li> </ul> </li> </ol>
38.	Computer Science and Engineering	CSE LAB 1	DESKTOP's:16 Processor: Assembled, RAM:4GB, Hard drive:500GB, Monitor:17" LCD color  DESKTOP's:09 Processor: Intel core i7, RAM:8GB, Hard drive:500GB, Monitor:19.5" LCD color  PRINTER'S: Canon Image Class MF23w  UPS (01): 7.5KV







			DECLETOR
			DESKTOP's: 25
			Processor: Intel core i5, RAM: 8GB, Hard Drive: 500GB, Monitor: 19" LCD color
39.		CSE LAB 2	PRINTER:
			HP Laser Jet P1007
			SMART BOARD: 01
			LAPTOP's: 47
40.		CSE LAB 3	<ol> <li>HP 250 Model Processor: Intel core i3, RAM:4GB, Hard drive:500GB, Monitor:14" LCD color</li> <li>HP 630 Model Processor: Intel core i3, RAM:2GB, Hard drive: 500GB, Monitor:14" LCD color</li> <li>PRINTER</li> <li>HP Laser Jet M1005</li> <li>PROJECTOR:01</li> </ol>
			, in the second
41.		CSE LAB 4	<ol> <li>LAPTOP's: 39</li> <li>HP 250 G7Model Processor: Intel core i3,         RAM:4GB, Hard drive:500GB, Monitor:14" LCD         color</li> <li>HP Processor: Intel core i3, RAM:4GB, Hard drive:         500GB,</li> <li>Monitor:14" LCD color         PRINTER'S</li> <li>HP Laser Jet 1020 plus</li> <li>HP NEVERSTOP LASER MFP 12000</li> </ol>
42.	Computer Science and Engineering	CSE LAB 5	<ol> <li>LAPTOP's:25</li> <li>HP 6<sup>th</sup> generation BS542TU Model Processor: Intel core i3, RAM:4GB, Hard drive: 500GB, Monitor:15.6" LCD color PRINTER:</li> <li>HP Laser Jet P1020 plus</li> </ol>
43.		CSE LAB 6	LAPTOP's:25







			<ol> <li>HP 250 Model: Processor: Intel core i3, RAM: 4GB, Hard drive:500GB,</li> <li>Monitor:14" LCD color</li> <li>PRINTER</li> <li>HP Laser Jet M1005</li> <li>SENSES BOARD:01</li> <li>Windows 10(OS),i3 core, RAM 8GB,HDD 4GB</li> </ol>	
44.		PROJECT LAB	DESKTOP's:20  1. HP:Processor :Intel core i7,RAM:8GB, Hard drive:500GB,Monitor:19.5" LCD color  MONITORS:05  1. Monitor:18.5" LCD color 2. Multifunctional IOT Development Kit-Raspberry Pi PRINTER'S:  1. HP Laser Jet P1020 plus 2. HP NEVERSTOP LASER MFP 12000 3. PROJECTOR:01  UPS(01): 7.5KV	
45.	Civil Engineering	Concrete and Highway Material Testing Lab	1. Compressive strength of cement 2. Impact testing machine 3. Crushing value apparatus 4. Los angeles abrasion machine 5. Slump apparatus 6. vee bee consistometer 7. Compaction apparatus 8. Flow table, 9. Rebound hammer 10. V funnel testapparatus 11. J ring test apparatus 12. U box test, 13. L box test apparatus 14. Marshall stability apparatus 15. CBR apparatus 16.Centrifuge extractor electrically 17.Ductility testing machine 18.Flash and fire point apparatus 19.Penetration test apparatus 20. Ring and ball, apparatus 21. Tar viscometer	









		Building Material	Compression testing machine     Universal testing machine	
			3.Torsion Testing machine	
46.		<b>Testing Lab</b>	4.Brinelle's hardness test	
			5.Vicker's apparatus	
			6.Charpy and izode apparatus	
			7. Universal Testing machine	
			1. Pycanometer, density bottle	
			2. Rapid moisture apparatus	
			3. Sieves	
			4. Hydrometer	
			5. Core cutter	
			6. Sand replacement apparatus	
		Geo-Technical	7. Liquid limit test by Casagrande's apparatus	
47.		Laboratory	8. Plastic limit apparatus	
		Ĭ	9. Standard Proctor apparatus	
			10. Permeability apparatus	
			11. Triaxial shear test apparatus	
			12. Unconfined compression test apparatus	
			13. Direct shear apparatus	
			14. Vane shear apparatus	
			15. Consolidation apparatus	
			1. Total station (01) with accuracy of 1 sec	
48.		Survey lab Equipment's	2. Electronic Theodlite	
10.			3. Dumpy Level	
			1. Venturiflume	
			2. Combined Venturimeter Orifice meter	
			3. Loss due to friction	
			4. Minor loss	
			5. Impact of jet on vanes	
	G: 11		6. Notch	
	Civil		7. Bernoulli's set up	
	Engineering		8. Pelton Wheel turbine	
49.		FM Lab	9. Francis turbine	
		<b>Equipment's</b>	10. Kaplan turbine	
			11. Centrifugal pump	
			12. Broad creasted weir	
			13. vertical orifice	
			14. Reynolds expirement	
			15. flow visualization	
			16. calibration of collecting tank	
			17. hydraulic jump set	









50.	Environmental Lab Equipment's	<ol> <li>Incubator</li> <li>Hot Air Oven</li> <li>pH Meter</li> <li>Jar Test Appartus</li> <li>Digital Flame Photometer</li> <li>Distillation Plant</li> <li>Spectrophotometer</li> <li>TDS Meter</li> <li>Autoclave</li> <li>Microscope</li> <li>Conductivity meter</li> <li>Muffle Furnace</li> <li>Turbidity Mater</li> </ol>
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xiii. List of Experimental Setup in each Laboratory/ Workshop

Details are available at university website: http://www.suk.edu.in

## xix. Games and Sports Facilities are

#### **Outdoor Game**

- o Basket Ball
- Cricket
- o Track & Field
- o Volley Ball
- o Kabaddi
- o Kho-Kho

#### • Indoor Game

- Carom
- o Chess
- o Table Tennis

Extra-Curricular Activities: A cultural festival, which is conducted every Year, is an expression of their solidarity and team spirit.

## xx. Teaching Learning Process

Curricula and syllabus for each of the programmers as approved by the University
 Details are available at university website: <a href="http://www.suk.edu.in">http://www.suk.edu.in</a>









## Internal Continuous Evaluation System and place

University academically conducts 3 internals per semester. After evaluation weaker students are identified and extra tutorial classes are conducted. This cycle continues until the completion of course.

## • Student's assessment of Faculty, System in place

Feedback forms about faculty performance are collected from the students every semester. The feedback forms are evaluated and deficiencies are noted to improve efficiency and give quality output.

## xxi. For each Post Graduate Courses give the following:

Details are available at university website <a href="http://www.suk.edu.in">http://www.suk.edu.in</a>.







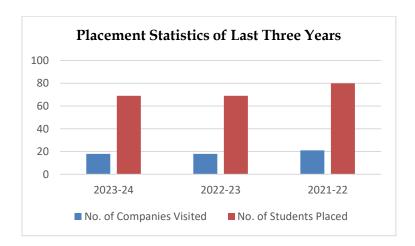


## 16. Enrollment and placement details of students in the last three years

S1. No.	Academic Year	Enrolment	No. of Student Placement	
1.	2023-24	320	69	Students Placed Details - 2023-24.pdf
2.	2022-23	320	80	Students Placed - 2022-23.pdf
3.	2021-22	320	69	Students Placed - 2021-22.pdf

## Placement Statistics of last three years

Academic Year	No. of Companies	No. of Students Placed
2023-24	18	69
2022-23	18	69
2021-22	21	80



## Year Wise Students Placed Details

Academic Year	Details
2023-24	Students Placed Details - 2023-24.pdf
2022-23	Students Placed - 2022-23.pdf
2021-22	Students Placed - 2021-22.pdf



## 17. List of Research Projects/ Consultancy Works

## a. Faculty Grants: Research Projects sanctioned by Government and Non-Government Agencies Details of the Projects

Name of the research project/ endowment	Name of the Principal Investigator/Co- investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned (in Lakhs)	Duration of the project	Name of the Funding Agency
Personalized patient health Monitoring system using IOT and ML technique	Dr. Sujata Mallapur and Dr. Shivleela Patil	Computer Science & Engineering	2022	7.3	3 Years	AICTE RPS Scheme
AI Smart Glasses for Blind People	Dr. Shivleela Patil	Computer Science & Engineering	2023	2.5	1 Year	NAIN
Automation and Monitoring smart kitchen based on Internet of Things	Prof. Pushpalata	Computer Science & Engineering	2023	1.0	1 Year	NAIN
Arduino Based Smart System for Women And Child Safety	Dr. Anuradha Patil	ECE	2023	2.0	1 Year	NAIN
Design and Development of Smart Garbage System Using Solar Powered Electric Vehicle	Mrs. Savitri	Electrical and Electronics Engineering	2023	0.63	1 Year	NAIN
Design and Development of Solar Powered Electric Vehicle for Agricultural Application.	Mrs. Savitri	Electrical and Electronics Engineering	2024	2.3	2 Year	"SEED MONEY" Sharnbasva -*- University, Kalaburagi
Drone Technology Lab	Dr. Lakshmi Patil Maka and Dr. Sushma Patil	Electrical and Electronics Engineering	2024	12.98	-	CSR Fund by Karnataka Bank







## **Details of the Projects**

Name of the research project/ endowment	Name of the Guide	Nama of the Students	Department of Guide	Year of Award	Amount Sanctioned (in Lakhs)	Duration of the project	Name of the Funding Agency
Traffic Density Control with android override using AVR.	Dr. Nandini V Patil Prof. Akkanagamma	Ms Pooja Sidramappa Malibiradar Ms.Vaishnavi Ms. Sneha Ms Basavaratana	CSE	2024-25	0.04	4 Months	KSCST
IOT Womb care: Shishu Swasthya Gamana	Prof. Amruta Prabhugouda	Ms Saadia Athiq Ms.Soumyashree Ms.Zohaa Tamkeen Siddiqua Ms. Shifa Mahveen Quadri	CSE	2023-24	0.055	4 Months	KSCST
Soldier Health and Position Tracking System	Prof. Vijayalaxmi	Ms Desai Kusum Ravi Ms Swati S K Ms Vaishnavi S Patil Ms. Syeda Ayesha	CSE	2023-24	0.05	4 Months	KSCST
Solar Scarecrow with sound sensing	Prof. Nandini S Patil	Ms Shivani B Mitagar Ms Naila Nishat Ms Roopa Diggi Ms Shravani	CSE	2023-24	0.05	4 Months	KSCST
IoT Based Automated indoor vertical hydroponics farming	Dr. Jyoti Marnur	Ms Gurusmruti Maka Ms Eshwari H Ms Gayatri Ms Ishrat Nishat	CSE	2022-23	0.04	4 Months	KSCST







Solar power-based weed cutting robot in vegetable farming	Prof. Nandini V Patil	Ms Vaishnavi R Ms Vaishnavi Vishwakarma Ms Varsha	CSE	2022-23	0.04	4 Months	KSCST
IoT-Based Indoor air quality monitoring Approach	Prof. Jyoti Neginal	Ms Amruta Ms Ambika Ms Amatul Sakeena Ms Aishwarya	CSE	2022-23	0.03	4 Months	KSCST
Spit sensing and monitoring	Prof. Anita B M	Ms Aditi D K Ms Aishwarya Ms Afreen Begum Ms Adeeba Seema	CSE	2022-23	0.04	4 Months	KSCST
Prevent accident in sharp curve roads using ultrasonic sensor and arduino	Prof. Vijayalaxmi Patil	Ms Meenakshi Ms Megha D H Ms Nagaveni	CSE	2022-23	0.04	4 Months	KSCST
Wireless Sensor Network Based Agricultural Monitoring System	Dr. Jyoti R M	Ms Sushmita Ms Ashwini Biradar Ms Pratiksha Ms Rajeshree Pujari	CSE	2021-22	0.05	4 Months	KSCST
Internet of Things (IOT) Based Indoor Air Quality Sensing and Prescient Analytic-A Covid-19	Dr. Manikamma	Ms. Priyanka S Patil Ms. Rajashree C H Ms. Sandhyarani Ms. Vaishnavi	CSE	2021-22	0.05	4 Months	KSCST
Sentiment Analysis for Covid-19 Twitter Data set using ML	Dr. Sridevi Hosmani	Ms Apoorva	CSE	2021-22	0.05	4 Months	KSCST
Modeling and Predicting Cyber Hacking Breaches.	Prof. Anita B M	Ms Geeta Biradar Ms Deepika Ms.Meenakshi Ms Drakashayini	CSE	2021-22	0.05	4 Months	KSCST









IOT Based Smart Health Monitoring System for Omicron Patients.	Prof. Chetana Patil	Ms Sanjana Ms Priyanka B H Ms Sheetal Ms Shwetha	CSE	2021-22	0.05	4 Months	KSCST
IOT Based Women safety Patrolling Robot	Prof. Shruti S A	Ms Renuka Chidri Ms Preeti Ms Prema Patne Ms Sadhana G	CSE	2021-22	0.05	4 Months	KSCST
Covid-19 Future Forecasting Using Supervised Machine Learning	Prof. Jyoti Neginal	Ms Sushma	CSE	2021-22	0.04	4 Months	KSCST
Intelligent Agriculture Monitoring System for Smart Forming Using Machine Learning Technique.	Dr. Sujata Mallapur	Ms Samreen Ahmadi	CSE	2021-22	0.05	4 Months	KSCST
Covid-19 detection using X-Ray	Dr. Shivaleela Patil	Ms Aishwarya S Dastapur Ms Ambika Guttedar Ms Akshata Hagargi	CSE	2021-22	0.05	4 Months	KSCST
Design And Development of IoT Based Smart Toll Booth System Using Arduino	Prof. Ratnakala Patil	Ms Namrta J Patil Ms Sneha Goule Ms Shweta Naroni Ms Kavya Patil	AI and ML	2024-25	0.045	4 Months	KSCST
IoT-Powered Emergency Button for Women's Safety	Dr. Sujata Mallapur	Ms Karunyahansika G Patil Ms Pooja Warvatte Ms Vaishnavi N M Ms Vaishnavi Arya	AI and ML	2024-25	0.045	4 Months	KSCST







Audio Text and Image Transmission with Wifi Technology Using Esp32 Camera and Python	Prof. Nirupama	Ms Mitali M Kumane Ms Manavi Reddy Ms Nittyashree C S Ms Nida Fatima	AI and ML	2024-25	0.045	4 Months	KSCST
Smart Traffic Control Approach for Emergency Vehicle	Dr. Rashmi Patil	Ms Danishta Fatima Ms Alveera Aiman Khanam Ms Sadiya Fatima Ms Disha	AI and ML	2024-25	0.045	4 Months	KSCST
Eco vision Portable Plant Recognition System	Prof. Supriya Bagewadi	Ms Rahana Banu Ms Tasneem Sultana Ms Anushka	AI and ML	2024-25	0.045	4 Months	KSCST
Design And Development of Smart Crop Protection System Using Lora	Mrs. Ashwini Yenegur	Ms Bhagyashree P Y Keerti Biradar Prerana N Gour Pooja C P	EEE	2022-23	0.05	4 Months	KSCST
Reliable and User-Friendly Tricycle for Physically Challenged Community	Mr. Amruta	Ms Neha Nandargi Ms Swathi Ms Rachamma	EEE	2021-22	0.07	4 Months	KSCST
Smart Blind Stick for Physically Disabled Person Using Arduino	Mrs. Ashwini Yenegur	Ms Vani Ms Jahan Ara Ms Deepika Ms Chaitra	EEE	2021-22	0.07	4 Months	KSCST
Solar Powered Water Cleaning Boat	Mr. Amruta	Ms Priya Ms Priyanka Ms Soniya Ms Sushma S	EEE	2021-22	0.02	4 Months	KSCST









Heating And Cooling Suite for Military People and Location Tracking	Dr. Nagaveni K Prof. Laxmi Patil	Ms Vijaylaxmi Ms Suchita Ms Vijaylaskmi Ms Shreenidhi	ECE	2024-25	0.045	4 Months	KSCST
Smart Train Engine with Obstacle Detection and Railway Gate Control	Prof. Shivleela Revoor Dr. Sangeeta Patil	Ms Soumya Kankari Ms Sakshi Ms Sushma Myageri Ms Rajani	ECE	2024-25	0.045	4 Months	KSCST
Women Safety Bangles with Tracking Alerts	Prof. Bhavani R Prof. Shobhana	Ms Soumya Ms Sharanamma Ms Pooja Ms Pratibha	ECE	2024-25	0.045	4 Months	KSCST
A Portable Ventilator with Autonomous Robotic Movement for Patient Care and Mobility	Prof. Vanita K Prof. Shivganga Patil	Ms Ranashree P Mallshetty Ms Shweta Bhikamale Ms Vaishnvi Harkude	ECE	2024-25	0.06	4 Months	KSCST
IoT Based Smart Airbag Deployment System in Two Wheelers	Prof. Ratnamala. S. Patil Prof. Abhilasha A. Patil	Ms Vaidehi Kaba Ms Syeda Afifa Fatima Ms Simran Saniya Ms Saba Farheen	ECE	2024-25	0.05	4 Months	KSCST
Expression Based Emotion Detection in Speech Using Python	Prof. Laxmi Patil Prof. Shohana	Ms Renuka Ms Bhagyashree Ms Maheshwari	ECE	2023-24	0.05	4 Months	KSCST
OTP Based Bank Locker System Using Arduino with Biometric Alert	Prof. Basaveshwari Prof. Neelambika	Ms Rahat Shaik Ms Sarikas Ms Pooja Ms Shivani	ECE	2023-24	0.055	4 Months	KSCST



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Progressive Braille Learning Kit with Interface	Prof. Laxmi Patil Prof. Shohana	Ms Poornima Ms Sana Kousar Ms Raha Thunisa Ms Sushma	ECE	2021-22	0.05	4 Months	KSCST
Air Pollution Monitoring System	Prof. Vanita K	Ms Sweta s	ECE	2021-22	0.05	4 Months	KSCST
Design And Simulation of 5G Multi-band Antenna with Phase Shift Operation	Prof. Laxmi Patil Prof. Shohana	Ms Pratiksha Ms Shreya Rawoor Ms Priyanka Ms Savita	ECE	2021-22	0.07	4 Months	KSCST
Smart Stand-up Wheelchair Using Raspberry Pi and Bluetooth	Prof. Nagaveni K Prof. Anuradha Patil	Ms Varshini J Tellur Ms Rajeshwari Mali[patil Ms Umashri	ЕСЕ	2021-22	0.07	4 Months	KSCST
Maximizing Efficiency in Residential Building Design: The Role of BIM in Visualization and Process Optimization Compared to CAD	Ms. Sakeshwari and Mrs. Preeti Arakeri	Ms Kumuda Ms Aishwarya Ms N Bhavana Ms Pavitra	Civil Engineering	2024-25	0.045	4 Months	KSCST









## 18. MoU's with Industries

Sl. No.	Name of Agencies/Departments involved	MoU's formulated	Year of MoU
1.	Cisco Centre of Excellence Cisco (CoE), Cisco Net Cad Academy	Training on networking Skills Student Certification training on CCNP, CCNA & CCNE	2017
2.	Red Hat Academy	Training on Red Hat products	2018
3.	Dew Mobility USA (Xtrans Solutions)	IoT Lab Training for Students	2019
4.	Great Learning Pvt Ltd	Impactful Online & Blended learning Access to all the technological courses	2020
5.	BMW	BMW Machine is provided for Students Training	2019
6.	HEd Experts Pvt Ltd	Recruitment Dashboards, student engagement Tools & Augment Class Delivery, Industry Aligned Content	2019
7.	Conduira Education & Training Services	Online Aptitude & Placement Training Platform	2018
8.	Pupil Consulting Services	Training & Development	2019
9.	Sangmeshwar Engineering Services	Training & Internship for Mechanical Students	2019
10.	Nirmithi Kendra Kalaburagi	Outcome based training, site exploration & placement related services	2019
11.	HireMee Pvt Ltd	Pre-Assessment & Placement. Bride the Gap between Academia & Industry	2019
12.	Aspiring Minds Pvt Ltd	Pre-Assessment & Placement Bridge the Gap between Academia & Industry	2020
13.	Cluster Info Solutions Pvt Ltd	Technical skill development & training	2019
14.	Neo Rays Software Solutions	Internship for students to gain practical knowledge in software development	2020
15.	Pradeep Consulting Services Pvt Ltd	Java Training to the students	2019
16.	Freshersworld Pvt ltd	Online platform for aptitude demo tests	2020









17.	Amazon Web Services Academy	Training & International Certifications for students & staff on cloud computing	2021
18.	Amazon Web Services Educate	Basic Training on Cloud Computing	2021
19.	Gensol Engineering Pvt Ltd	Power Purchase Agreement (PPA) Solar Energy Corporation of India	2021
20.	Cadmaxx EdTech Pvt Ltd	Internship & Training, Industrial Visit, Guest Lectures, knowledge enhancement program	2022
21.	Intel Technology India Pvt Ltd	Setting up of Intel Unnati Lab for Training in cutting edge technologies	2022
22.	Research for Resurgence Foundation Nagpur	Multi-domain Research Institute and Network hub of research and allied activities in academics and industrial sector	2022
23.	Mindstay Technologies	Full Stack Development Training for B. Tech Students	2023
24.	Eduventures Bangalore	To Establish Global Campus Setup	2023
25.	Medini Technologies	Industry Oriented Software's Training for Civil & Architecture students	2023
26.	MangoDb Pvt ltd	Industry Oriented Training	2024
27.	IBM Centre For Innovation & Education	Training on latest Technologies & Internships	2024
28.	COMED Kares Pvt Ltd	Internship & Training	2024