



Mandatory Disclosure

The onus of the authenticity of the information lies with the Institution ONLY and not on AICTE,

1. Name of the Institution

Name of the Institution	:	K.S. RANGASAMY COLLEGE OF TECHNOLOGY (AUTONOMOUS)
Address of the Institution	:	K.S.R. Kalvi Nagar, Thokkavadi (PO), Tiruchengode – 637215, Namakkal (Dist)
State	:	Tamil Nadu
Phone number with STD code	:	04288 -274748
Fax number with STD code	:	04288 - 274745
Mobile No.	:	9994150505
Email	:	principal@ksrct.ac.in
Website	:	www.ksrct.ac.in
Nearest Railway Station (dist in Km)	:	Erode (12Km)
Nearest Airport (dist in Km)	:	Coimbatore (118Km)

2. Name and address of the Trust and the Trustees

Name of the Trust	:	K.S.R. Educational and Charitable Trust
Type of the Organization	:	Trust
Address of the Institution	:	47-A, Kumaresapuram, Tiruchengode, Namakkal – 637215
State	:	Tamil Nadu
Phone Number with STD code	:	04288 – 274741
Mobile No.	:	9994410707
Email	:	contact@ksrct.ac.in



3. Name and Address of the Vice Chancellor/ Principal/ Director

Name	:	Dr.R. Gopala Krishnan
Designation	:	Principal
Name of the Trust	:	K.S.Rangasamy College of Technology
Address of the Institution	:	K.S.R. Kalvi Nagar, Thokkavadi, Tiruchengode, Namakkal - 637215
State	:	Tamilnadu
Phone number with STD code	:	04288 – 274748
Mobile No.	:	99941 50505
Email	:	principal@ksrct.ac.in

4. Name of the Affiliating University

Name of the affiliating University	:	Anna University, Chennai
Address	:	Guindy, Chennai – 600 025.
Website	:	www.annauniv.edu
Latest affiliation period	:	2024-2025

5. Governance:

Governing Board Members

S.No.	Name	Details	Representation
1.	Shri.R. Srinivasan	Chairman, KSR Educational and Charitable Trust	Chairman
2.	K.S. Sachin	Vice Chairman, KSR Educational and Charitable Trust	Vice Chairman
3.	Mrs.Rajammal Rangasamy	Vice-President, KSR Educational and Charitable Trust.	Vice-President
4.	Mrs.Kavitha Srinivasan	Treasurer cum Executive Director,	Treasurer cum Executive Director



S.No.	Name	Details	Representation
		KSR Educational and Charitable Trust.	
5.	Mr.K.S. Nithin	Member, KSR Educational and Charitable Trust.	Member
6.	Mr.S.R. Natesan	Asst. Secretary, KSR Educational and Charitable Trust.	Asst. Secretary
7.	Dr.E.K. Sagadhevan	Member, KSR Educational and Charitable Trust.	Member
8.	Dr. V. Geetha	Professor, Department of Electrical and Electronics Engineering, Government College of Engineering, Salem.	State Govt. Nominee
9.	Dr.P. Lakshmi	Professor, Department of Electrical and Electrical Engineering, CEG Campus, Anna University, Chennai.	University Nominee
10.	Dr. P. Parthiban	Professor, Department of Production Engineering, National Institute of Technology, Tiruchirappalli.	Educationist, Nominated by the Management
11.	Dr.S.D. Sudharsan	Executive Director, C-DAC, Bengaluru.	Industrialist Nominated by the Management
12.	Mr.P.B. Kotur	Global Head, Global Engineering Academy, L&T Technology Services.	Industrialist Nominated by the Management



S.No.	Name	Details	Representation
13.	Dr. K.B. Jayanthi	Dean Academics, KSRCT	Senior Faculty Member Nominated by the Principal
14.	Dr. A. Kumaravel	Dean Administration and International Relations, KSRCT	Senior Faculty Member Nominated by the Principal
15.	Dr.G. Karthikeyan	Vice Principal, KSRCT	Senior Faculty Member Nominated by the Principal
16.	Dr.R. Gopalakrishnan	Principal, KSRCT	Ex- Officio Member & Secretary

Academic Advisory Body Members

S.No.	Name	Position	Designation
1.	Dr.R. Gopalakrishnan	Chairman	Principal, KSRCT
2.	Dr.R.A. Alaguraja	Member (University Nominee)	Professor Department of ECE Thiagarajar College of Engineering Madurai - 625015
3.	Dr. P. Gopalakrishnan	Member (University Nominee)	Professor Department of Metallurgical Engineering PSG College of Technology Coimbatore – 641004
4.	Dr.R. Sathyana ^r ayan Sridhar	Member (University Nominee)	Professor Department of Civil Engineering Coimbatore Institute



S.No.	Name	Position	Designation
			of Technology Coimbatore - 641014
5.	Mr.V. Chandran	Member – Expert (Nominated by Governing Body)	Director – Delivery Operation Tiger Analytics Chennai
6.	Mr. Udaya Sankar	Member – Expert (Nominated by Governing Body)	Deputy Director, NASSCOM, Chennai
7.	Dr.L. Ashok Kumar	Member – Expert (Nominated by Governing Body)	Principal, Thiagarajar College of Engineering, Madurai - 625015.
8.	Dr.P. Renuka Devi	Member – Expert (Nominated by Governing Body)	Professor, Department of Biotechnology, Anna University Regional Campus, Coimbatore 641046.
9.	Dr.G. Karthikeyan	Member	Vice Principal & HoD, Textile.
10.	Dr.A. Kumaravel	Member	Dean, Administration, and International Relations
11.	Dr.K.B. Jayanthi	Member	Dean, Academics



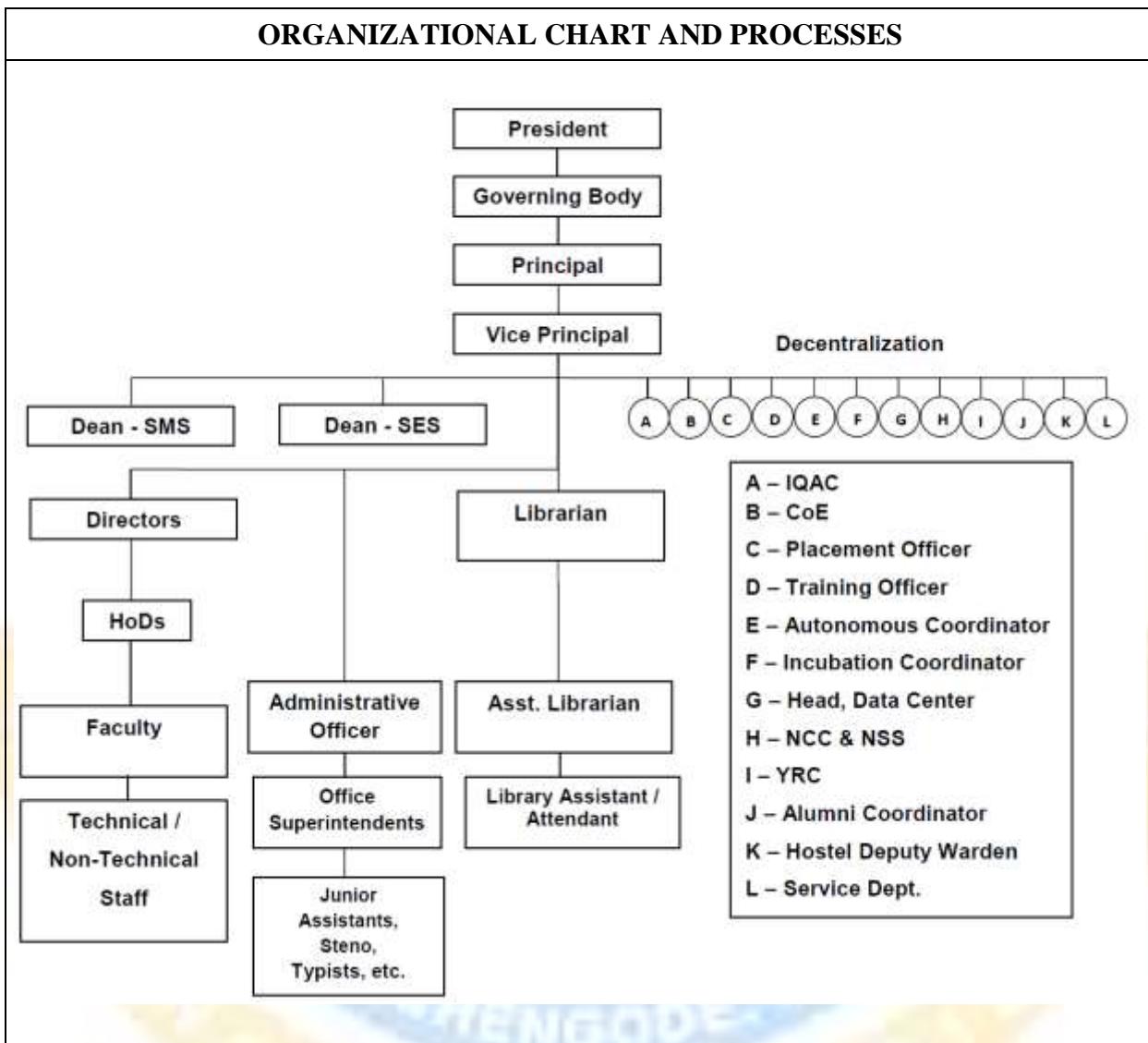
S.No.	Name	Position	Designation
12.	Dr.B.G. Geetha	Member	Director, IT Infrastructure Management
13.	Dr.G. Vennila	Member	Director, Finance and Purchase
14.	Dr.P. Kumar	Member	Director, Ranking and Accreditation, HoD EE (VD&T)
15.	Dr.P. Premkumar	Member	Director, IQAC
16.	Dr.A.M. Venkatachalam	Member	Director, Student Affairs
17.	Dr.S. Gopalakrishnan	Member	COE, KSRCT
18.	Dr.R. Poonkuzhali	Member	HoD, IT
19.	Dr.E. Mohan Raj	Member	HoD, AI&DS
20.	Dr.K. Sakthivel	Member	HoD, CSBS
21.	Dr.C. Rajan	Member	HoD, CSE (AIML)
22.	Dr.B. Kalapana	Member	HoD, Biotechnology
23.	Dr. J. Philip Rhobinson	Member	HoD, Food Technology
24.	Dr.G. Vijaya Gowri	Member	HoD, EEE
25.	Dr.S. Madhavi	Member	HoD, CSE
26.	Dr.M.B. Sampath	Member	Asst.HoD, Textile
27.	Dr.A. Murugesan	Member	HoD, Mech
28.	Dr.P. Magesh Kumar	Member	HoD, Civil
29.	Dr.S.S. Saravanakumar	Member	HoD, MCT
30.	Dr.M. Vijayakumar	Member	HoD, MBA
31.	Dr.K. Senthil Vadivu	Member	HoD, Mathematics



S.No.	Name	Position	Designation
32.	Dr.V. Vasudevan	Member	HoD, Physics
33.	Dr.A. Palaniappan	Member	HoD, English & Training
34.	Dr.T. Sukantha	Member	HoD, Chemistry
35.	Dr.M. Kathirselvam	Member	Head, CFRD
36.	Dr. C. Vijayakumar	Member	MCT, Senior Prof.
37.	Dr. J. Nithya	Member	IT, Senior Prof.
38.	Dr.V.P. Arthanarieswaran	Member	Autonomous Coordinator
39.	Dr.R. Chithra	Member	Member Secretary



- **Frequently of the Board Meeting and Academic Advisory Body** : Twice in a year



- **Nature and Extent of involvement of Faculty and students in academic affairs/improvements** : Yes
- **Mechanism/ Norms and Procedure for democratic/ good Governance** : Yes
- **Student Feedback on Institutional Governance/ Faculty performance** : Yes



- **Grievance Redressal mechanism for Faculty, staff and students** : Yes

S.No.	Name of the Members	Representation	Contact Details
1	Dr.A. Kumaravel Principal	Chairman	+91 9443553626 principal@ksrct.ac.in
2	Dr.R. Gopalakrishnan Dean, Administration	Co-Chairman	+91 99941 50505 deanadmin@ksrct.ac.in
3	Dr.G. Karthikeyan Vice Principal	Member	+91 92808 08082 viceprincipal@ksrct.ac.in
4	Dr.K.B. Jayanthi Dean, Academics	Member	+91 94434 71811 jayanthikb@ksrct.ac.in
5	Dr.G. Vennila Director, Finance	Member	+91 9443770653 vennila@ksrct.ac.in
6	Dr.P. Kumar Director (Ranking & Accreditation)	Member	+91 9750038774 kumar@ksrct.ac.in
7	Dr.K. Senthil Vadivu Professor, Maths	Member	+91 9865024343 senthilvadivu@ksrct.ac.in
8	Dr.R. Jagadesan AP, Civil	Member	+91 9842719542 jagadeesan@ksrct.ac.in
9	Dr.P. Aravindan Professor, EEE	Member	+91 9952425269 aravindan@ksrct.ac.in
10	Dr.M. Kathirselvam ASP, Mech.	Member	+91 90428 97228 mkathirselvam@ksrct.ac.in
11	Dr.S. Gomathi Professor, EE- VLSI	Member	+91 9894279244 gomathi@ksrct.ac.in
12	Ms.R.S. Tarunika Final Year, ECE	Student Member	+91 6381379954 tarunikarajeshkumar@gmail.com
13	Ms.M. Pavithra Third Year, Bio Tech	Student Member	+91 9944970305 pavithramunusamy305@gmail.com
14	Ms. Preethi Ragupathi Second Year, CSBS	Student Member	+91 89031 42933 preethiragupathii@gmail.com
15	Dr.A.M. Venkatachalam Director, Student Affairs	Member & Convener	+91 99440 50222 amvenku@ksrct.ac.in



- **Establishment of Anti Ragging Committee** : Yes

S.No.	Name	Position	Designation
1.	Dr.A. Kumaravel	Chairman	Principal
2.	Dr.G. Karthikeyan	Member	Vice Principal
3.	Dr.R. Gopalakrishnan	Member	Dean, Administration and International Affairs
4.	Dr.K.B. Jayanthi	Member	Dean, Academics
5.	Dr.G. Vennila	Member	Director, Finance and Purchase
6.	Dr.P. Kumar	Member	Director, Ranking and Accreditation
7.	Dr.N. Tiruvenkadam	Member	HoD, Department of Mechatronics Engineering
8.	Dr.C. Rajan	Member	Professor, Department of IT
9.	Dr.R. Balamurugan	Member	ASP, Department of EEE
10.	Dr.R. Senthilmurugan	Member	ASP, Department of Mechatronics Engineering
11.	Dr.K. Senthilvadivu	Member	Prof. Department of Mathematics
12.	Dr.M. Velumani	Member	AP, Department of Civil
13.	Dr.K. Mohan	Member	Prof, Department of Mechanical Engineering
14.	Dr.D. Srividhya	Member	ASP, Department of Electrical and Electronics Engineering
15.	Ms.L. Ramya	Member	III Year Student, Department of Artificial Intelligence and Data Science
16.	Mr.R. Sakthi	Member	IV Year Student, Department of Computer Science and Engineering
17.	Mr.A. Harini	Member	III Year Student, Department of Mechanical Engineering
18.	Dr.V.R. Sadasivam	Member & Convenor	Professor, Department of IT



- **Establishment of Online Grievance Redressal Mechanism** : Yes & www.ksrct.edugrievance.com
- **Establishment of Internal Complaint Committee (ICC)** : Yes

Anti - Sexual Harassment/Internal Complaint Cell / Women Empowerment Committee:

S.No.	Name of the Faculty	Representation	Contact Details
1	Dr.A. Kumaravel Principal	Chairman	+91 94435 53626 principal@ksrct.ac.in
3	Dr.G. Vennila Director, Finance	Member	+91 9443770653 vennila@ksrct.ac.in
4	Dr.K. Senthil Vadivu Professor & Head, Maths	Member	+91 9865024343 senthilvadivu@ksrct.ac.in
5	Dr.P. Kaladevi ASP, CSE	Member	+91 9952555970 kaladevi@ksrct.ac.in
6	Dr.R. Radhamani AP, EEE	Member	+91 9543167875 radhamani@ksrct.ac.in
7	Dr.S. Poornima ASP, Biotechnology	Member	+91 9994625815 spoornima@ksrct.ac.in
8	Mrs.S. Kiruthika AP, Tamil	Member	+91 9698699928 kiruthikas@ksrct.ac.in
9	Mrs.J. Umaa Maheaswari Junior Assistant, PO	Member	+91 9865173574 umaasri25@gmail.com
10	Ms.S. Shanmathi Final Year, MCT	Student Member	+91 63823 23830 shanmathishanu51@gmail.com
11	Ms.K. Mownika Third Year, IT	Student Member	+91 6383513215 karthikaarunachalam2004@gmail.com
12	Ms.S. Monisa Second Year ,ECE	Student Member	+91 9894344099 smonisa24@gmail.com
13	Dr.G. Vijayagowri Professor & Head, EEE	Convener and Member	+91 9442258906 vijayagowri@ksrct.ac.in

Establishment of Committee for SC/ ST : Yes

S.No.	Name of the Committee Member	Designation	Mobile Number	E-mail address
1.	Dr.A.Kumaravel	Chairperson & Principal	9443553626	principal@ksrct.ac.in
2.	Dr. G .Karthikeyan	Member & Vice-Principal	9842840809	viceprincipal@ksrct.ac.in



3.	Dr. N. Ramesh	Nodal Officer & Convenor Civil Engineering	9443916232	rameshn@ksrct.ac.in
4.	Dr. M.K. Elango	Member Director / Electrical & Electronics Engineering	9952493666	elango@ksrct.ac.in
5.	Ms. V.P.Dhivya	Member Information Technology	9443696777	dhivyavp@ksrct.ac.in
6.	Mr.K.Gowtham	Member IV year Student – Civil Engineering	9025550389	gowthamk@gmail.com
7.	Mr.S.Athisaya Raj	Member IV year Student – Mechatronics Engineering	9566315990	athisayaraj869@gmail.com

Internal Quality Assurance Cell

: Yes

S.No.	Name of the Member	Position
1.	Dr.R. Gopalakrishnan Principal K.S. Rangasamy College of Technology	Chairperson
2.	Shri.R. Srinivasan Chairman KSR Educational and Charitable Trust	Chairman
3.	Mr. Chandran V Director Tiger Analytics Chennai.	Member – Industry
4.	Dr. Kabilan.C Managing Director Primas Bioscience Pvt.Ltd Perundurai-Erode	Member – Industry



5.	Dr.C.S. Ramani Gopal Consultant, Start-Up Salem.	Member – Local Society Salem Productivity Council
6.	Mr. K. Selvakumar, Executive Council Member ISTE, New Delhi.	Member – Alumni
7.	Er.M. Punithan Deputy General Manager Hydro Training Institute & Research Centre Bhavani.	Member – Parent
8.	Dr.G. Karthikeyan Vice Principal, K.S.Rangasamy College of Technology.	Member
9.	Dr.A. Kumaravel DEAN – Administration, K.S. Rangasamy College of Technology	Member
10.	Dr.K.B. Jayanthi DEAN – Academics & COE K.S. Rangasamy College of Technology	Member
11.	Dr.P. Kumar Director-Ranking & Accreditation K.S. Rangasamy College of Technology	Member
12.	Dr.M. Kathirselvam Head R &D K.S. Rangasamy College of Technology	Member
13.	Dr.G. Vennila Director Finance & Purchase K.S.Rangasamy College of Technology	Member
14.	Dr.A. Palaniappan HOD,English K.S. Rangasamy College of Technology	Member
15.	Dr.A.M. Venkatachalam Director of Library & Student Affairs K.S.R. Educational Institutions	Member
16.	Mr.N. Ravichandran Finance Manager K.S.R. Educational Institutions	Member



17.	Dr.S. Muthukannan Physical Director K.S. Rangasamy College of Technology	Member
18.	Dr.K. Poongodi Associate Professor Department of CSE K.S. Rangasamy College of Technology	Member
19.	Dr.B. Kalpana Associate Professor & Head Department of BioTechnology K.S. Rangasamy College of Technology	Member
20.	Dr.R. Jagadeesan Assistant Professor Department of Civil K.S. Rangasamy College of Technology	Member
21.	Dr.R. Chitra Autonomous Coordinator Department of IT K.S. Rangasamy College of Technology	Member
22.	Ms. Devadharshini V III Year ECE K.S. Rangasamy College of Technology	Member- Student
23.	Dr.H. Kalaiarasi Professor Department of MBA K.S. Rangasamy College of Technology	Member
24.	Dr.R. Poonkuzhali Professor & Head Department of IT K.S. Rangasamy College of Technology	Member
25.	Mr. Rajkumar S CGCR Institutional Coordinator & Training Officer K.S. Rangasamy College of Technology.	Member
26.	Mr. Saravanan S P CGCR Institutional Coordinator & Placement Officer	Member
27.	Dr.M. Shyamalagowri Associate Professor Department of EEE K.S. Rangasamy College of Technology	IQAC Head-Convenor



List of Programmes

- Name of Programmes approved by AICTE

Under Graduate Programmes - B.E./B.TECH

S.No.	Programme Name
1.	B.E. Mechanical Engineering
2.	B.E. Electrical and Electronics Engineering
3.	B.E. Electronics and Communication Engineering
4.	B.E. Computer Science and Engineering
5.	B.Tech. Information Technology
6.	B.Tech. Textile Technology
7.	B.E. Mechatronics Engineering
8.	B.E. Civil Engineering
9.	B.Tech. Biotechnology
10.	B.Tech. Food Technology
11.	B.Tech. Artificial Intelligence and Data Science
12.	B.E. Computer Science in Artificial Intelligence and Machine Learning
13.	B.E. Electronics Engineering (VLSI Design and Technology)

Post Graduate Programmes – M.E./M.TECH./MBA

S.No.	Programme Name
1.	M.E. VLSI Design
2.	M.E. Industrial Safety Engineering
3.	M.E. Structural Engineering
4.	M.Tech. Biotechnology
5.	M.Tech. Nano Science and Technology
6.	M.Tech. Textile Technology
7.	M.Tech. Food Technology
8.	M.Tech. Data Science
9.	Master of Business Administration (MBA)
10.	Master of Computer Application (MCA)



• **Name of Programmes Accredited by NBA : 09**

1. B.E. Electrical and Electronics Engineering
2. B.E. Computer Science and Engineering
3. B.E. Electronics and Communication Engineering
4. B.Tech. Biotechnology
5. B.Tech. Food Technology
6. B.Tech Information Technology
7. B.Tech Textile Technology
8. B.E. Mechanical Engineering
9. B.E. Mechatronics Engineering
10. Master of Business Administration

• **Status of Accreditation of the Courses**

- Total number of Courses : 25
- No. of Courses for which applied for Accreditation : 10

• **For each Programme the following details are to be given:**

S.No.	Course Name	No. of Seats	Duration	Cut Off Marks	Fee	Placement Facilities	Min Salary In Lakhs	Max Salary In Lakhs	Average Salary In Lakhs
1.	B.E. (Mech)	60	4	170.5	55000	Yes	1.8 LPA	4 LPA	2.36 LPA
2.	B.E. (EEE)	60	4	168	55000	Yes	1.8 LPA	5.5 LPA	2.87 LPA
3.	B.E. (ECE)	120	4	182.5	55000	Yes	1.96 LPA	12 LPA	3.47 LPA
4.	B.E. (CSE)	120	4	191	55000	Yes	2 LPA	21 LPA	4.77 LPA
5.	B.Tech. (IT)	120	4	187	55000	Yes	1.8 LPA	12 LPA	4.29 LPA
6.	B.Tech.(AIDS)	60	4	188.5	50000	Yes	2 LPA	12 LPA	4.02 LPA
7.	B.Tech.(CSBS)	60	4	168.5	50000	Yes	2 LPA	10 LPA	4.83 LPA
8.	B.E.(CSE) AI&ML	60	4	170	50000	Yes	-	-	-
9.	B.Tech. (Textile)	60	4	169.5	55000	Yes	1.8 LPA	6 LPA	2.40 LPA
10.	B.E. (MCT)	60	4	176.5	55000	Yes	1.8 LPA	4 LPA	2.63 LPA
11.	B.E. (Civil)	30	4	169.5	50000	Yes	2.04 LPA	3.65 LPA	2.21 LPA



S.No.	Course Name	No. of Seats	Duration	Cut Off Marks	Fee	Placement Facilities	Min Salary In Lakhs	Max Salary In Lakhs	Average Salary In Lakhs
12.	B.Tech. (BT)	60	4	181	55000	Yes	1.8 LPA	3 LPA	2.32 LPA
13.	B.Tech. (FT)	60	4	163	50000	Yes	2.06 LPA	3 LPA	2.24 LPA
14.	B.E (EE) VLSI	60	4	169.5	50000	Yes	-	-	-

Faculty

- Permanent faculty** : 286
- Branch wise list Faculty members:**

S.No.	Department	P	ASP	AP	Total	Faculty List
1	Mechanical Engineering	8	4	14	26	https://ksrct.ac.in/mechanical-dept.html
2	Electrical and Electronics Engineering	7	2	11	20	https://ksrct.ac.in/EEE.html
3	Electronics and Communication Engineering	9	1	21	31	https://ksrct.ac.in/ECE-dept.html
4	Computer Science and Engineering	8	2	18	28	https://ksrct.ac.in/cse.html
5	Computer Science and Business System	2	3	9	14	https://ksrct.ac.in/CSBS_Department.html
6	Artificial Intelligence and Machine Learning	2	1	11	14	https://ksrct.ac.in/aiml.html
7	Information Technology	8	2	18	28	https://ksrct.ac.in/Information-Technology.html
8	Artificial Intelligence and Data Science	3	2	8	13	https://ksrct.ac.in/ai&ds.html
9	Textile Technology	4	1	11	16	https://ksrct.ac.in/Textile-dept.html
10	Mechatronics Engineering	5	2	13	20	https://ksrct.ac.in/mechatronics-department.html
11	Civil Engineering	4	2	6	12	https://ksrct.ac.in/civil-department.html
12	Bio Technology	2	6	12	20	https://ksrct.ac.in/biotech.html
13	Electronics Engineering(VLSI)	2	0	5	7	https://ksrct.ac.in/vlsi-department.html



S.No.	Department	P	ASP	AP	Total	Faculty List
	Design)					
14	Food Technology	3	5	12	20	https://ksrct.ac.in/foodtech-dept.html
15	Nano Science and Technology	1	1	2	4	Nano Science and Technology
16	Master of Business Administration	4	1	5	10	https://ksrct.ac.in/mba-department.html
17	Tamil	0	0	3	3	

6. Profile of Principal

Dr. R. GOPALAKRISHNAN
PRINCIPAL/PROFESSOR EEE
K.S.RANGASAMY COLLEGE OF TECHNOLOGY
Tiruchengode,Namakkal,Tamilnadu.-637215
eMail:gopsenr@gmail.com,
principal@ksrct.ac.in
Mobile:9865455555,9994150505



ACADEMIC PROFILE

Degree	Institution/University	Specialization	Year of completion
Ph.D.	Anna University Chennai	Electrical Design of Buildings, IT Parks, AGL, Substation Automation, Intelligence Techniques and IoT	2015
M.E.	Annamalai University	Power Systems	2004
B.E.	Bannari Amman Institute of Technology	Electrical and Electronics Engg.	2000
Diploma	The Salem Polytechnic	Electrical and Electronics Engg.	1997

EXPERIENCE

TOTAL WORK EXPERIENCE: 19 years 06 months

S.No	Institution/Organization	Post held	Period	
			From	To
1.	K.S.Rangasamy College of Technology, Tiruchengode	Principal & Professor	15.11.2019	Till date
2.	K.S.R. College of Engineering, Tiruchengode	Professor & Head Placement	01.07.2016	30.10.2019



3.	K.S.R. College of Engineering, Tiruchengode	Professor & Training and Placement Officer	01.02.2011	30.06.2016
4.	V.S.B Engineering College, Karur	Lecturer	06.09.2004	25.08.2005
5.	Larsen & Toubro Ltd., Chennai	Assistant Engineering Manager	11.07.2007	31.01.2011
6.	K.S.R. College of Engineering, Tiruchengode	Lecturer & Training and Placement Officer	01.05.2005	10.07.2007
7.	Paavai Engineering College, Namakkal	Lecturer	24.05.2004	31.05.2005
8.	EPIC Energy Ltd, Coimbatore	Graduate Engineering Trainee	12.06.2000	17.07.2002

Publications

15 Journal Articles | 1 Book Chapter | 12 Conference Proceedings | 1 Retracted | 1 Review | 3 15

Citations / H-Index

98 CITATIONS

5 H-INDEX

81 CITATIONS

Google Scholar

CITATION
240 Total | 138 (2020)

H INDEX
8 Total | 4 (2020)

I-10 INDEX
8 Total | 4 (2020)

Details of National Patents Filed / Published

- “Group Activity Recognition by Integration and Fusion of Individual Multisensory IoT Data”
2020102094 & 23.09. 2020 - Granted.

PROJECT SANCTIONED



- Received Grant-in-aid of Rs.1.46 Crore to establish “AICTE IDEA LAB”
- Received Grant-in-aid of Rs. 1 Lakh from the EDI of Tamil Nadu to setup EDC
- Received Grant-in-aid of Rs.5 Crore to establish “Atal Community Innovation Centre” – ACIC – K S RANGASAMY COLLEGE OF TECHNOLOGY INCUBATION FOUNDATION

AWARD DETAILS

- Received **Career Guru** award from **M/s Aspiring minds** for introducing the best practices
- Received **New Code of Education 2021 (NCOE) award** from WheeBox for Top Autonomous College.
- Received **Man of Excellence Award** from Indian Achievers Forum.

LIST OF Ph.D. SCHOLARS

- Anna University Recognized Supervisor ID: **2730049**
- No. of Scholars: **10**

CERTIFICATION

- Eligible to execute the GEM Sustainability Certification Projects by clearing “Green and Eco-friendly Movement Certified Professional Test (GEM CP)” with Excellent Performance on 16 July, 2021.

ACADEMIC IDENTITY

Google Scholar ID	<u>1dmuG7kAAAAJ</u>
Scopus ID	<u>54401107200</u>
ORCID ID	<u>0000-0002-5982-8983</u>
Microsoft Academic Search ID	<u>2670992557</u>

7. Fee

Details of fee, as approved by State Fee Committee, for the Institution

- **Fee Structure**

Fee Structure for various programmes is as per Government of Tamil Nadu and is given in the following table.

S.No.	Name of the course	Fee fixed by the Committee Rs.		Remarks
1	B.E. B.Tech.	Non-Accredited Courses	50,000 / Annum	The fee is an all inclusive annual fee
		Accredited Courses	55,000/ Annum	



2	M.E. / M.Tech.	Non-Accredited Courses	25,000/ Semester	including various fees like Tuition fee, Admission fee, and Special fee.
		Accredited Courses	30,000/ Semester	
3	MBA	Non-Accredited Courses	17,500/ Semester	Laboratory / Computer / Internet fee, Library fee, Sports fee, Placement and Training fee, Maintenance and Amenities fee, Extracurricular activities fee and other recurring expenditure.
		Accredited Courses	20,500/ Semester	

- Number of scholarships offered by the Institution, duration and amount**

Scholarships and Financial Support Academic Year (2024-25)

Name /Title of the scheme	Number of students	Amount in Rupees
SC/ST PMSS Scholarship	240	1,45,86,500.00
BC/MBC PMS Scholarship	1292	82,58,660.00
National Scholarship Portal	15	5,06,000.00
Prime Minister Special Scholarship Scheme	4	2,80,000.00
7.5% Government Quota	186	1,59,11,250.00
First Graduate	1201	3,18,52,500.00
Puthumai Penn Scheme	178	21,36,000.00
Tamil Puthalvan Scheme	240	28,80,000.00
Harihara Subramaniam scholarships	11	3,02,500.00
Sitaram Jindal Foundation	1	27,600.00



- Estimated cost of Boarding and Lodging in Hostels

S. No.	Particulars	Fee	
		Boys Hostel	Girls Hostel
1.	Food & Accommodation	Rs. 84,000	Rs. 82,000 / Rs. 94, 000

8. Admission

- Number of seats sanctioned with the year of approval

Under Graduate Programmes – B.E./B.TECH.

S.No.	Programme Name	Intake
1.	B.E. Mechanical Engineering	60
2.	B.E. Electrical and Electronics Engineering	60
3.	B.E. Electronics and Communication Engineering	120
4.	B.E. Computer Science and Engineering	120
5.	B.Tech. Information Technology	120
6.	B.Tech. Textile Technology	60
7.	B.E. Mechatronics Engineering	60
8.	B.E. Civil Engineering	30
9.	B.Tech. Biotechnology	60
10.	B.Tech. Food Technology	60
11.	B.Tech. Artificial Intelligence and Data Science	60
12.	B.E. Computer Science in Artificial Intelligence and Machine Learning	60
13.	B.E. Electronics Engineering (VLSI Design and Technology)	60
Total		990

Post Graduate Programmes – M.E./M.TECH./MBA

S.No.	Programme Name	Intake
1.	M.E. VLSI Design	6
2.	M.E. Power Systems Engineering	6
3.	M.E. Computer Science and Engineering	6
4.	M.E. Industrial Safety Engineering	18
5.	M.E. Structural Engineering	6
6.	M.Tech. Biotechnology	18
7.	M.Tech. Nano Science and Technology	6
8.	M.Tech. Food Technology	6
9.	M.Tech. Textile Technology	6



10.	M.Tech. Data Science	6
11.	Master of Business Administration (MBA)	60
	Total	144

- Number of applications received during last two years for admission under Management Quota and number admitted

Average Enrolment percentage of Academic Year 2024-25

Programme name	Programme Code	Number of Applications Received	Number of seats sanctioned	Number of Students admitted
B. E. Mechanical Engineering	B.E. ME	65	60	61
B. E. Electrical and Electronics Engineering	B.E. EE	68	60	60
B. E. Electronics and Communication Engineering	B.E. EC	132	120	126
B. E. Computer Science and Engineering	B.E. CS	136	120	126
B. E. Mechatronics Engineering	B.E. MC	62	60	58
B. E. Civil Engineering	B.E. CE	34	30	31
B.Tech. Information Technology	B.Tech. IT	138	120	126
B.Tech. Textile Technology	B.Tech. TT	45	60	42
B.Tech. Bio-Technology	B.Tech. BT	63	60	57
B.Tech. Food Technology	B.Tech. FT	47	60	44
B.Tech. Artificial Intelligence and Data Science	B.Tech. AD	69	60	62
B.Tech. Computer Science and Business Systems	B.Tech. CB	65	60	62
B.E. Computer Science in Artificial Intelligence and Machine Learning	B.E. AM	68	60	62
B. E. Electronics Engineering(VLSI)	B.E EV	63	60	58
M.Tech. Data Science	M.Tech. DS	7	6	6
M.E.VLSI DESIGN	M.E. PVL	5	6	4
M.E.Computer Science and Engineering	M.E. PCS	7	6	6
M.E.Industrial Safety Engineering	M.E. PIS	18	18	16
M.E.Power Systems Engineering	M.E. PPS	5	6	4
M.E.Structural Engineering	M.E. PSE	8	6	6
M.Tech. Nanoscience and Technology	M.Tech. PNT	5	6	3
M.Tech. Biotechnology	M.Tech. PBT	17	18	15
M.Tech. Food Technology	M.Tech. PFT	8	6	6
M.Tech. Textile Technology	M.Tech. PTT	7	6	6
Master of Business Administration	M.B.A.	65	60	61



Average Enrolment percentage of Academic Year 2024-25				
Programme name	Programme Code	Number of Applications Received	Number of seats sanctioned	Number of Students admitted
Total		1207	1134	1108
Enrolment percentage				

Admission Procedure

B.E. / B.Tech.: 10+2 with mathematics, physics and chemistry as compulsory subjects with an aggregate marks of 45% for admission of OC candidates and 40% for admission of OBC candidates.

Government Quota: 65% of the sanctioned strength.

Management Quota: 35% of the sanctioned strength.

M.E. / M.Tech.: 50% of aggregate marks in relevant branches of UG are eligible for admission.

Government Quota: 35% of sanctioned intake.

Management Quota: 65% of sanctioned intake.

MBA: 50% for OC and 45% for OBC of aggregate marks in any UG programme (10+2+3 or 10+2+4) are eligible for admission.

Government Quota: 50% of sanctioned intake.

Management Quota: 50% of sanctioned intake.

Information of Infrastructure and Other Resources Available

S. No.	Block	Class Rooms		Labs		Seminar /Drawing		Total Built-up Area in Sq. ft.
		No.	Area in Sq. ft.	No.	Area in Sq. ft.	No.	Area in Sq. ft.	
1	Main Building	16	13653.27	22	22039.18	3	4918.72	87616.91
2	Mechanical Block	10	7717.68	24	29585.07	2	1844.84	59891.33
3	Nano Science Building	5	4223.471	12	11116.95	1	851.76	24628.79



S. No.	Block	Class Rooms		Labs		Seminar /Drawing		Total Built-up Area in Sq. ft.
		No.	Area in Sq. ft.	No.	Area in Sq. ft.	No.	Area in Sq. ft.	
4	Textile Building	-	-	10	12463.42	1	2539.34	22089.67
5	Bio - Tech	9	7270.544	11	11478.84	1	2168.41	36416.44
6	IT Park	25	20288.74	17	13645.52	4	5135.93	76343.35
7	Science and Humanities	34	41686.39	20	22607.52	4	9572.64	158911.7
8	E & I Block	17	18298.8	12	12389.36	1	4025.74	70972.76
9	Mechatronics Block	17	17437.68	11	12766.1	1	1445.61	70167.93
10	MBA Block	7	5931.395	2	4236.71	1	1694.68	24992.61
11	Library Block	-	-	-	-	-	-	22877.27
12	NLB Block	-	-	-	-	-	-	122403.3
13	Management Block	-	-	-	-	-	-	81963.23
14	Principal's Quarters	-	-	-	-	-	-	2152.8
15	Guest House	-	-	-	-	-	-	5338.944
16	Sports Club & Gymnasium	-	-	-	-	-	-	17369.11
17	Auditorium	-	-	-	-	-	-	10804.04
18	Cafeteria	-	-	-	-	-	-	2091.338
19	Boys hostel I	-	-	-	-	-	-	79935.72
20	Boys hostel II	-	-	-	-	-	-	178058.1
21	Ladies hostel - I	-	-	-	-	-	-	26748.97
22	Ladies hostel - II	-	-	-	-	-	-	52200.45
23	Ladies hostel - III	-	-	-	-	-	-	76301.69
24	Security Office	-	-	-	-	-	-	556.8217
25	Bank & Post Office	-	-	-	-	-	-	2059.907
26	Swimming Pool	-	-	-	-	-	-	5812.56
27	Power House	-	-	-	-	-	-	462.852
28	Parking Shed	-	-	-	-	-	-	2152.8
29	Central Stores	-	-	-	-	-	-	1506.96
30	Quadrangle	-	-	-	-	-	-	135841.7
TOTAL		140	136507.97	141	152328.68	19	34197.66	1458670.01



Occupancy Certificate : Yes

- **Fire and Safety Certificate** : Yes
- **Hostel Facilities**

S.No.	Hostel Name	Boys / Girls	No. of Rooms		Occupancy
1.	KSRCT Boys Hostel	Boys	344		650
2.	KSRCT Girls Hostel	Girls	170		321

• **Library**

Number of Library Books/Titles/Journals (Programme Wise):

S. No.	Name of the Dept	Books		Journals		Magazines		e-Journals
		Volumes	Titles	N	IN	N	IN	
UG Programme								
1	MECH	8132	3516	12		3		125
2	EEE	7717	3078	6	6	2		83
3	ECE	7752	3492	7	7	1		67
4	CSE	6460	2533	7	3	3	1	70
5	Textile	6783	2374	8	3	5		18
6	IT	6123	2133	8	3	2		87
7	Mechatronics	5697	2405	6	1	2		127
8	Civil	5658	3316	6	1	5		112
9	Biotechnology	5221	1977	6	1	1		66
10	BE-VLSI	544	110	8				56
11	Nano Science & Tech	2133	543	6				20
12	Food Tech	1596	468	7		1		43
13	AIDS	984	690	6				34
14	CSBS	983	736	6				45
15	AIML	881	295	6				50
16	S&H	8317	5360					500
17	General	2923	2132	2	1	13		1001
PG Programme								
1	ME - CSE	3882	856	10	3			80
2	ME - VLSI	1714	440	6	7			93
3	ME - ISE	1568	504	6	2			36
4	ME-PSE	1292	388	6	6			16
5	ME – SE	1167	401	6	2			116
6	M.Tech - NST	1431	319	6	3			36
7	M.Tech – TXT	373	141	6	4			20
8	M.Tech – BT	1091	230	6	2			77
9	M.Tech – FT	312	105	6				40



10	M.Tech – DS	322	108	6	3			30
11	MBA	19041	7953	42	12	9	2	239
	TOTAL	110097	46603	213	70	47	3	3287

- **e-books** : 17723
- **List of online National/International Journals Subscribed** : https://library.ksrct.ac.in/p/e-journals_10.html
- **E-Library Facilities** : <https://library.ksrct.ac.in/p/digital-section.html>
- **Laboratory and Workshop**
- **Department of Mechanical Engineering**

S. No.	Name of the Laboratory	Name of the Equipment
1.	Heat Transfer Laboratory	Emissivity measurement apparatus with data acquisition system
		Heat transfer through the composite walls with data acquisition system
		Heat transfer analysis on elliptical fins using data acquisition system
		Parallel flow/counter flow heat exchanger with data acquisition system
		Ice plant apparatus
2.	Strength of Materials Laboratory	Impact testing machine
		Compression testing machine
		Torsional testing machine
		Spring testing machine
		Universal testing machine
		Digital Display unit (Data Acquisition)
		Vickers hardness testing machine
		Digital Display Izod Impact Testing Machine
3.	Thermal Engineering Laboratory	Pin on disc wear and friction
		single cylinder Diesel Engine Test Rig
		Multi cylinder petrol engine Test Rig
		Slow Speed Diesel Engine Test Rig
		Twin cylinder 4 stroke Diesel Engine with test Rig
		Gas Analyser test Rig
		Smoke Meter
		Bomb colorimeter
		Wind Tunnel Test Rig



S. No.	Name of the Laboratory	Name of the Equipment
		Two Stage Air compressor Test Rig Air Conditioning test Rig Computerised single cylinder 4 stroke diesel engine test rig Computerised variable cooperation ratio multi fuel test rig Computerised Single cylinder 4 stroke diesel engine test rig
4.	Engineering Practices Laboratory	Power hack saw machine Radial Drilling Machine Centre Lathe Treadle shearing Machine
5.	Metrology and Measurement Laboratory	Tool Maker's Microscope Profile projector Floating Carriage Micro Meter Vibration Setup Auto collimator
6.	Machine Shop	Centre Lathes Universal Radial Drilling Machine Centre lathe Madras Machine Tools Centre lathe (Kaveri) Single Spindle Automatic Lathe Ram Type Turrent Lathe Milling Machines Cylindrical Grinding Machine Centre less grinding machine Gear Hobbing Machine Planing Machine
7.	Fluid Mechanics and Machinery Laboratory	Francis turbine test Rig Pelt on Wheel turbine Kaplan turbine test rig Flow through pipes Apparatus Venturi meter & Orifice Meter Apparatus Orifice & Mouth piece Apparatus Notch apparatus
8.	PG CAD Laboratory	Computers
9.	UG CAD Laboratory	Computers
10.	Dynamic Laboratory	Watt governor/ Porter governor/ Proell governor/ Motorized Gyroscope
11.	Steam Laboratory	Thermal Boiler Steam turbine Chimney , Diesel Tank , Water Tank & Vales Boiler Mountings



- **Department of Electrical and Electronics Engineering**

S. No.	Name of the Laboratory	Name of the Equipment
1.	A.C.Machines	3φ squirrel cage Induction Motors with loading Arrangements
		3φ Slip ring Induction Motors with loading Arrangements
		3φ synchronous motors with loading arrangements
		Alternators (salient pole) with loading arrangements
		Alternator (cylindrical R.) with loading arrangements
		Winding study motor, 1φ Induction Motor
		3φ Auto Transformers
2.	DC Machines	DC Rectifier unit
		AC & DC Pannels
		DC shunt motors with loading Arrangements
		DC Compound motors
		DC Compound generators
		DC Series generators
3.	Microprocessor Laboratory	8086 Microprocessor kits
		8085 Microprocessor kits
		8051 based micro controllers
		8053 & Interfacing cards
4.	Control System Lab	Synchro Transmitter Receiver pair and process control simulator kits
		Position Control System with PMDC Motor
5.	Measurement & Instrumentation Lab	Torque measurement Trainer, Pressure measurement Trainer kits
		Signal generators
		Decade boxes,
		Digital Storage Oscilloscopes
		100 MHz Oscilloscope
		Single phase bridge converters and Cyclo Converters
6.	Power Electronics Lab	Series Inverters and Parallel Inverters
		Voltage & Current Commutated Choppers
		AC Phase control kits
		3 φ converter for μp based triggering
		DC shunt motor with 3 φ half & full converter
		1 φ PWM Inverters and
		1 φ IGBT Choppers
		3 φ IGBT based PWM Inverter
		3 φ Halfwave Cycloconverter
		3 φ McMurray Bed Board Inverter
		1 φ Dual Converter with 1 HP PC Motor



S. No.	Name of the Laboratory	Name of the Equipment
		30 MHz oscilloscopes
7.	Circuits & Devices Laboratory	(0-30)V dual Regulated power supplies
		30MHz oscilloscopes
		AC & DC meters
8.	Electric Drives and Control Laboratory	C 51 Professional developers kit
		Hi – Tech C cross complier
		Speed control of DC chopper unit
		DSP trainer board
		Advance Micro controller software
		NI data Acquisition card
		Fluke make power quality analyzer
9.	Computers, Peripherals and Softwares	Thermal Camera with 1200 ⁰ C option and FLIR Tool + Software
		Acer - RAM : 2 GB,80 GB SATA HDD , Athlon 64 bitprocessor , Multimedia Keyboard , Optical Scroll Mouse15" TFT Monitor with Mouse pad, Power Cable - 39 Nos.
		Wipro I Value Desktop PC, Intel Pentium-D @ 3GHz,1GB, DDRII533 RAM, 80 GB SATA HDD, Optical Scroll Mouse,Keyboard, Onboard Audio, Onboard NIC, 17" TFT Monitor- 31 Nos. Wipro PC , Pentium Core 2Duo 2.4GHz, 1 GB DDR IIRAM @667MHz , 160 GB GB SATA HDD, Optical Scroll Mouse,Keyboard, Onboard Audio, Onboard LAN, 17" TFT Monitor- 12 Nos.
		HCL - Intel Pentium-IV 3.06 GHz, 1 GB DDRII533 RAM, 1.44MB Floppy Disk, 80 GB HDD 512 MB RAM, Optical ScrollMouse, Keyboard, TFT Monitor. , Optical Scroll Mouse - 11 Nos.
		HP compaqdv 2480, Intel Core2Duo@2.8GHz, 1GB DDRIIRAM@800 MHz, 160GB Sata HDD, Onboard Audio andLan, 17" Wide Scree TFT Monitor, Optical Scroll Mouse - 14Nos. Zenith : P-IV, 2.4 GHz, 128 MB Ram,40 GB HOD, 52 x CDROM CRT Color Monitor, Keyboard, Optical Mouse - 05Nos.
		SAMSUNG Printers – 03 Nos , HP laser Jet Printers– 03 Nos , Dot Matrix Printers– 04 Nos , HP Scanjet 2400, UPS 20 KVA, UPS 10 KVA.
		Microsoft XP professional – Unlimited, AU Power -30 Nos. , Mi Power – 5 Nos. , MATLAB - 25 Nos. , PSIM - 5 Nos. , LABVIEW - 5 Nos. , KEIL FR51 :RTX51 Real Time Kernel (7.1 RTOS), HI-TECH C-Cross Compiler for Microchip PIC Micro - 2Nos. , EILPK51: C51, Professional Development SKIT (V8) - 4 Nos. , Advanced Microcontroller Software.

- **Department of Electronics and Communication Engineering**



S. No.	Name of the Laboratory	Name of the Equipment
1	Linear Integrated Circuits Laboratory	CROs, Function Generators,(0-30V) Dual DC Regulated Power Supplies, (0-30V) Single DC Regulated Power Supplies, Bread Boards, DRB, DCB, DIB, Rheostat.
2	Electron Devices & Circuits Laboratory	Meters (AC/DC), Multimeters, Power Supplies (Single & Dual), CROs, Bread Boards, Signal Generators, MultiSim Software, DRB, DCB, DIB, Rheostat Transformer.
3	Digital Electronics Laboratory	Trainer Kits, IC tester
4	DSP Laboratory	<p>MATLAB, Code Composer Studio, TMS320C5X kit (TMS 320C50, TMS 320VC5416, TMS 320V0C33, TMS 320F2407A, TMS 320C5416 DSP starter Kit).</p> <p>Personal Computers Configuration:</p> <p>Acer: APSLE Series AMD Athlon (TM) 64bit Processor 3200 +, 2.20GHz CPU, 2GB DDR2 400MHz SDRAM, 80GBSATA, HDD, Acer 17" TFT Monitor, Acer USB 2 Button Optical, Mouse, Acer USB Standard Keyboard -34 Nos.</p> <p>Wipro Black Series PC Intel ® Pentium4 Dual Core 3.00GHz, Intel Graphics Media Accelerator, 2GB DDR2 400MHz SDRAM, 80GB SATA HDD, Wipro 17" TFT Monitor, Wipro USB 2 Button Optical Mouse, Wipro USB Standard Keyboard- 2 Nos.</p> <p>HP Server – HP ProLiant ML330G6, Intel ® Xeon ® 4Core E5504 @ 2.00GHz, 4GB DDR3 SATA SDRAM, 560GB SATA HDD, Intel Graphics Media Accelerator, HP HID Complaint PS/2 Mouse, HID PS/2 Standard Keyboard- 1 No.</p>
5	Communication Laboratory	Analog & Digital Modulation kits, PCM kit, Line Coding Kit, Sampling & Reconstruction kit, Spectrum Analyser, TDM pulse code modulation kit, DELTA /ADAPTIVE modulation /Demodulation kit, Data conditioning kit
6	PG VLSI Laboratory	Universal VLSI (FPGA/ CPLD) Trainer, Xilinx FPGA SPARTAN -III- Kit (XC3S400-4PQ208), Xilinx FPGA Vertex-E Piggy Back Board (XCV 100E-PQ240), Xilinx CPLD kit cool runner (XCR3128XL), ALTERA FPGA piggy back board cyclone FPGA kit (EPIC6Q240C8), ALTERA CPLD piggy back Board max II CPLD (EPM1270T/44C5E5), Xilinx XTREME DSP video starter kit S3A DSP Edition with development tools and PC download cable, Xilinx virtex-4 Embedded valuation plate form, Xilinx University program (XVP) irtex-5 open SPARC Evaluation platform with Development tools and PC download cable, Embedded Development HW/SW kit- SPARTAN 3A DSP S3D1800A MICROBLAZE processor



S. No.	Name of the Laboratory	Name of the Equipment
		<p>Edition, XTREME DSP Development platform – virtex-5 FPGAML506.,Development tools and PC download cable-platform cable USB, Xilinx ISE v12.1 foundation series software, Synopsys Asia Pacific Front End University Bundle (3 Year Floating License), Synopsys Part No.3900-0., Synopsys Asia Pacific Back End University Bundle (3 Year Floating License), Synopsys Part No.3901-0.</p> <p>Personal Computers Configuration:</p> <p>Wipro WIVL 5356 Series PC Intel ® Pentium4 Dual Core 3.40GHz, Intel Graphics Media Accelerator, 2GB DDR2 400MHz SDRAM, 80GB SATA HDD, Wipro 17" TFT Monitor, Wipro USB 2 Button Optical Mouse, Wipro USB Standard Keyboard-17 Nos.</p> <p>HP Elite 7100MT Intel ® Pentium4 Core i3 550 @ 3.20GHz, Intel Graphics Media Accelerator, 2GB DDR3 1333MHz SDRAM, 320GB SATA HDD, HP v185e 18.5" TFT Monitor, HP USB 2 Button Optical Mouse, HP USB Standard Keyboard, Optical and IEEE 1394 Cable Port- 3 Nos. Acer -3 Nos.</p>
7	UG VLSI Laboratory	<p>Xilinx foundation series Software, Universal FPGA / CPLD Trainer kits, Xilinx daughter Board (XC3S400), Tanner Software: 5 licenses of T-spice pro, 3 licenses L-edit Base, 2 licenses of L-Edit pro, Advanced Universal FPGA Development kit (VVSM 09) *XC4VSX25 Piggy Back Board (VAFP-02)*Switches Module (VVS1-01)*LEDs Module (VVS1-02), Universal Multi – Vendor development kit – Spartan-6 Board. General Purpose Interfaces, Card-I & Card-II USB downloading cable for universal multivendor kit.</p> <p>Personal Computers Configuration:</p> <p>Lenovo CPU Thinkcentre E73, 3rd generation 3.40 GHz Intel Core i3, Intel HD Graphics 4400, 2GB 1600 MHz RAM, 500 GB 7200 rpm Hard Disk Drive, Lenovo 18.5" LED monitor, Lenovo USB 2 Button optical mouse, Lenovo USB Standard keyboard, Optical and IEEE 1394 cable port-34 Nos.</p> <p>Wipro WIVL 5356 Series PC Intel ® Pentium4 Dual Core 3.40GHz, Intel Graphics Media Accelerator, 2GB DDR2 400MHz SDRAM, 80GB SATA HDD, Wipro 17" TFT Monitor, Wipro USB 2 Button Optical Mouse, Wipro USB Standard Keyboard- 2 Nos</p>
8	Optical Laboratory	Optical Trainer Kits, Laser Diodes, Experimental Setups.
9	Networks Laboratory	<p>LAN Trainers, NETSIM Software, Data Communication kit,</p> <p>Personal Computers Configuration:</p> <p>Acer: APSLE Series AMD Athlon (TM) 64bit Processor</p>



S. No.	Name of the Laboratory	Name of the Equipment
		3200 +, 2.20GHz CPU, 2GB DDR2 400MHz SDRAM, 80GBSATA, HDD, Acer 17" TFT Monitor, Acer USB 2 Button Optical, Mouse, Acer USB Standard Keyboard -34 Nos, Qualnet (Shared with CSE) - multi user license
10	Microwave Laboratory	X BAND SETUPS, J BAND SETUPS Microwave Power Meters, Kits, Passive Components, 360 Degree Radiation Pattern mounted on Adjustable Imported Tripod Stand, Necessary Clamp to hold MIC antenna with RF Cables and Coaxial to WG adaptor with SMA Connector, Printed YagiMicrostrip Antenna, Microstrip Patch Antenna Frequency meter.
11	Microprocessor Laboratory	8085, 8086 Microprocessor, 8051 Micro Controller Kits, 89C51 Microcontroller Trainer, Interface Cards & Modules
12	Embedded Systems Laboratory	<p>Universal PIC embedded trainer kits, 80196 based evaluation kits, ORCAD, KEIL software's, PIC Microcontroller kit, Keil MCB 2370-EDEvaluation board for NXPLPC2378 series, Keil/Ulink 2ED USB/JTAG adaptor</p> <p>Personal Computers Configuration: HP Elite 7100MT Intel ® Pentium4 Core i3 550 @ 3.20GHz, Intel Graphics Media Accelerator, 2GB DDR3 1333MHz SDRAM, 320GB SATA HDD, HP v185e18.5" TFT Monitor, HP USB 2 Button Optical Mouse, HP USB Standard Keyboard, Optical and IEEE1394 CablePort-31 Nos. Wipro WIVL 5356 Series PC Intel ® Pentium4 Dual Core 3.40GHz, Intel Graphics Media Accelerator, 2GB DDR2 400MHz SDRAM, 80GB SATA HDD, Wipro 17" TFT Monitor, Wipro USB 2 Button Optical Mouse, Wipro USB Standard Keyboard – 5 Nos Lenovo CPU Thinkcentre E73, 3rd generation 3.40 GHz Intel Core i3, Intel HD Graphics 4400, 2GB 1600 MHz RAM, 500 GB 7200 rpm Hard Disk Drive, Lenovo 18.5" LED monitor, Lenovo USB 2 Button optical mouse, Lenovo USB Standard keyboard, Optical and IEEE 1394 cable port- 1 No. HCL server Intel ® Xeon ® DUAL CORE CPU 5120 @ 1.86GHz, 2GB DDR2 1333MHz SDRAM, Intel Graphics Media Accelerator, 80GB SATA HDD, HCL USB Keyboard, HCL USB 2Button Optical Mouse, 8X SATA Super Multi DVD RW Disk Drive- 1 No. </p>
13.	R&D Laboratory	<p>Online Imaging Kit & Accessories, Altium board & software, Zed board & vivado software, Aphelion image analysis Hi resolution camera kit.</p> <p>Personal Computers Configuration: Lenovo CPU Thinkcentre E73, 3rd generation 3.40 GHz Intel </p>



S. No.	Name of the Laboratory	Name of the Equipment
		<p>Core i3, Intel HD Graphics 4400, 2GB 1600 MHz RAM, 500 GB 7200 rpm Hard Disk Drive, Lenovo 18.5" LED monitor, Lenovo USB 2 Button optical mouse, Lenovo USB Standard keyboard, Optical and IEEE 1394 cable port- 1 No. HP Compaq dx2480 Business PC Intel ® Pentium4 Core 2 Duo E7400 @ 2.80GHz, Intel Graphics Media Accelerator, 1GB DDR2 800MHz SDRAM, 160GB SATA HDD, HP v185e 18.5" TFT Monitor, HP USB 2 Button Optical Mouse, HP USB Standard Keyboard-1 No.</p> <p>DELL Power edge – Dell power edge T430,2* Intel Xeon E5-2609 V4 1.7 20M, Cache, 6.4 G/s QPI, 8C/*T(8W)Max, Mem 1866 MHz Heatsink fir power edge T430, 2*8GB RDIMM, 240MT/s, Single, Rank, X8 data width IDRAC8 Enterprise integrated dell remote access controller, enterprise 2* 1TB 7.2K RPM SATA 6 GBPs, 3.5in Hot-Plug Hard drive 13G, PERC, H730 Controller, 1 GB NV Cache, DVDRW SATA, Internal, Dual, Hot plug, Redundant power supply (1+1) 750W, Logic tech USB Mouse and Keyboard, LG 17" Monitor- No.1</p> <p>Assemble Systems</p> <p>3rd generation 3.40 GHz Intel Core i7-3770 Intel Graphics Media Accelerator, 8GB 1600 MHz RAM, 1 TB 7200 rpm Hard Disk Drive, LG 19' LED monitor, Logitech wireless 2 Button mouse, Logitech USB Wireless keyboard, Assemble Systems. 3rd generation 2.70 GHz Intel Core i5-6400, NVIDIA Geforce GT710 Graphphics Media Accelerator, 8GB DDR4 1600 MHz RAM, 1TB 7200 rpm Hard Disk Drive, LG 19" LED monitor, Logitech wired mouse, Logitech USB wired keyboard Processor Intel Core i5 7th Gen 3GHz, Asus H110 M-D motherboard, 16GB SSD HDD 860 EVO Samsung, HDD 1000GB Seagate sata hard disk, Asus 4GB DDR5 Graphics card Iball cabinet W/T SMPS Axton- 3 Nos.</p>
14.	Peripherals and Softwares	<p>TVS MSP455XL Classic Series Dotmatrix Printer- 3 Nos., HP Laser Jet P1008 Printer - 2 Nos., HP Scanjet 4370 Scanner, HP Laser Jet 1020 Plus-2 Nos, HP Laser Jet All in one 1005-1 No, UPS MICRO BEST Power Control & Systems 20KVA- 1 Nos., 20KVA UPS Numeric - 1 No, UPS MICRO BEST Power Control & Systems 10KVA-2 Nos. NEC LCD Projector – 5 Nos, Infocus LCD Projector – 1 No, BenQ Lcd Projector – 2 Nos.</p> <p>Code Composer Studio Platinum Edition- Unlimited, Xilinx ISE System Edition v12.1-25 users, MAT Lab R2009a (v7.4) with 38 Tool Boxes-25 users, MAT Lab R2006 with 16 Tool Boxes-10 users, Keil MDK –ARM-ED-25 users, Keil PK51-</p>



S. No.	Name of the Laboratory	Name of the Equipment
		F- ED Server based-25users, NetSIM-15users, Tanner Tool Pro v12.0-5users, MultiSIM v9.0-25users, MultiSIM PCB layout v10.0-5 users, Aphelion-Image Analysis Software-1 user, MAT Lab R2012b with Image Processing and Computer vision toolbox-1user, ANSYS HFSS-25users, FPGA with Altium designer software,- 1user, Vivado Design Suite 2014.2-1user.

- Department of Computer Science and Engineering**

S. No.	Name of the Laboratory	Name of the Equipment
1.	Data Structures Laboratory	Intel Pentium IV @ 2.80GHz, 1GB DDR RAM, 40GB HDD, 3-Button Optical Mouse with Mouse Pad, PS/2 MM Keyboard with 125Keys, 48x CD ROM Drive. (RED HAT LINUX SERVER 8.2) - 01No.
2.	Object Oriented Programming Laboratory	IBM System 73821A, Intel Xeon E5 2403 QUAD CORE @ 1.80GHz, 8GB DDR RAM, 3TB HDD, Keyboard, Mouse, DVD Writer, 18.5" Monitor. (DIGIPRO Server - Network Center)- 01No.
3.	Java Programming Laboratory	IBM System 73821A, Intel Xeon E5 2403 QUAD CORE @ 1.80GHz, 8GB DDR RAM, 3TB HDD, Keyboard, Mouse, DVD Writer, 18.5" Monitor. (DIGIPRO Server - Network Center)- 01No.
4.	Operating Systems Laboratory	IBM System 73821A, Intel Xeon E5 2403 QUAD CORE @ 1.80GHz, 8GB DDR RAM, 3TB HDD, Keyboard, Mouse, DVD Writer, 18.5" Monitor. (DIGIPRO Server - Network Center)- 01No.
5.	Database Management Systems Laboratory	Intel Core i3 @ 3.40GHz, 2GB DDR3 RAM, 500GB HDD, 18.5" Wide LED Monitor, LENOVO USB Keyboard, LENOVO Optical USB Mouse. (LENOVO THINKCENTRE) – 36Nos.
6.	Networking Laboratory	Intel Core i3 @ 3.40GHz, 2GB DDR3 RAM, 500GB HDD, 18.5" Wide LED Monitor, LENOVO USB Keyboard, LENOVO Optical USB Mouse. (LENOVO THINKCENTRE) – 36Nos.
7.	Web Technology Laboratory	Intel Core 2 Duo @ 2.40GHz, 160GB SATA HDD, 1GB DDR2 RAM, 19" Wide Screen Flat Panel LCD Monitor, DELL USB Keyboard, Optical USB Mouse. (DELL) – 99Nos.
8.	Data Mining Laboratory	Intel Core 2 Duo @ 2.40GHz, 160GB SATA HDD, 1GB DDR2 RAM, 19" Wide Screen Flat Panel LCD Monitor, DELL USB Keyboard, Optical USB Mouse. (DELL) – 99Nos.
9.	Graphics and Multimedia System Laboratory	Intel Core 2 Duo @ 1.86GHz, 1GB DDR2 RAM, 80GB HDD, 17" LCD Monitor, HCL Keyboard, HCL Optical Mouse. (HCL) – 12Nos.
10.	Object Oriented Analysis and Design Laboratory	Intel Core 2 Duo @ 1.86GHz, 1GB DDR2 RAM, 160GB HDD, 18.5" LCD Monitor, HP Keyboard, HP Optical Mouse. (HP) – 14Nos.
11.	Open Source System Laboratory	Intel Core i3 @ 3.40GHz, 2GB DDR3 RAM, 500GB HDD, 18.5" Wide LED Monitor, LENOVO USB Keyboard, LENOVO Optical USB Mouse. (LENOVO THINKCENTRE) – 36Nos.
12.	Big Data Analytics Laboratory	Intel Core i3 @ 3.40GHz, 2GB DDR3 RAM, 500GB HDD, 18.5" Wide LED Monitor, LENOVO USB Keyboard, LENOVO Optical USB Mouse. (LENOVO THINKCENTRE) – 36Nos.



S. No.	Name of the Laboratory	Name of the Equipment
13.	Peripherals and Softwares	<p>TVS 455 XL Classic Dot Matrix Printer-07Nos., TVS MSP 345 Champion XL Dot Matrix Printer-03Nos., HP 1022 Laser Printer, HP P1008 Laser Printer, HP 1020 Plus Laser Printer- 06Nos., LCD Projector-07Nos., Head phone With Mic-98Nos., Logitech Webcam-22Nos.,</p> <p>Oracle Server 11g Standard Edition – Unlimited, Rational Suite Enterprise – 60Users, Adobe Creative Suites Premium 2.0 – 02Users, Macro Media Studio 8.0 – 02Users, Netop Teaching Software – 61Users, QualNet Network Simulator Perpetual - 30Users, Campus Agreement Renewal (2018)</p>

- Department of B.Tech. Information Technology**

S. No.	Name of the Laboratory	Name of the Equipment
1.	40 CS 0P3– Data Structures Laboratory	Computer (Core2duo1.86 GHZ, 1 GB RAM,80 GB HDD, 104 Standard Keyboard, USB Optical Mouse,17" TFT Monitor)
		C/C++ Compiler 3.0
		Dot Matrix Printer
		UPS
2.	40 CS 0P4 - Object Oriented Laboratory	Computer (Core2duo1.86 GHZ, 1 GB RAM,80 GB HDD, 104 Standard Keyboard, USB Optical Mouse,17" TFT Monitor)
		C/C++ Compiler 3.0
		Dot Matrix Printer
		UPS
3.	40 EC 0P1 - Analog and Digital Circuits Laboratory	Dual Power Supply
		Single Power Supply
		Digital IC Trainer kit
		AC Ammeter
		AC Voltmeter
		DC Ammeter
		DC Voltmeter
		CRO
		Multimeter
		Function Generator
		Step Down Transformer
		BJT BC107
		JFET BFW10



S. No.	Name of the Laboratory	Name of the Equipment
		Resistors Capacitors Diodes , Zener Diodes IC7400 IC 7404 IC7402 IC7408 IC7411 IC7410 IC7432 IC7486 IC74150 IC74154 IC74147 IC7445 IC7474 IC7476 IC7491 IC555 IC7494 IC7447 IC74180 IC7483 Seven Segment Display LEDs Bread Boards
4.	40 EC 0P2 - Microprocessors and Microcontrollers Laboratory	8085 Microprocessor Kit 8086 Microprocessor Kit 8051 Microcontroller Kit 8255 Interfacing Kit 8279 Interfacing Kit 8251 Interfacing Kit Stepper Motor Interface DC Motor 8259 Interfacing Kit Traffic Light Interfacing Kit Keil Software
5.	40 IT 4P1 - Hardware and Trouble Shooting Laboratory	Computer (Core2duo1.86 GHZ, 1 GB RAM,80 GB HDD, 104 Standard Keyboard, USB Optical Mouse,17" TFT Monitor) Windows 98, Windows XP



S. No.	Name of the Laboratory	Name of the Equipment
		<ul style="list-style-type: none"> • Web Camera • Speakers • Microphones • TV Tuner Card • NIC Card
		Dot Matrix Printer
		UPS
6.	40 IT 4P2 - Java Programming Laboratory	<p>Computer (Core2duo1.86 GHZ, 1 GB RAM,80 GB HDD, 104 Standard Keyboard, USB Optical Mouse,17" TFT Monitor)</p> <p>Java (jdk1.6)</p>
		Dot Matrix Printer
		UPS
7.	40 IT 5P1 – Operating Systems Laboratory	<p>Server: Intel DP XEON 3 GHZ, 4*512 MB RAM,2*120 HDD, 104 Keys Standard Keyboard, PS2 Mouse)</p> <p>Computer (Core2duo1.86 GHZ, 1 GB RAM,80 GB HDD, 104 Standard Keyboard, USB Optical Mouse,17" TFT Monitor)</p> <p>C/C++ Compiler 3.0</p> <p>LINUX/UNIX Operating Systems</p>
		Dot Matrix Printer
		UPS
8.	40 IT 5P2 – Database Management Systems Laboratory	<p>Server: Intel DP XEON 3 GHZ, 4*512 MB RAM,2*120 HDD, 104 Keys Standard Keyboard, PS2 Mouse)</p> <p>Computer (Pentium Core2Quad 2.33 GHZ,2 GB RAM,250 GB HDD, 104 Standard Keyboard, USB Optical Mouse, 18.5" LED Monitor)</p> <p>FRONT END <ul style="list-style-type: none"> • VISUAL STUDIO 2008 • D2K or equivalent </p> <p>BACK END <ul style="list-style-type: none"> • Oracle 11g </p>
		Dot Matrix Printer
		UPS
9.	40 IT 5P3 – Networking Laboratory	<p>Computer (Pentium Core2Quad 2.33 GHZ,2 GB RAM,250 GB HDD, 104 Standard Keyboard, USB Optical Mouse, 18.5" LED Monitor)</p> <p>Software <ul style="list-style-type: none"> • C/C++ Compiler 3.0UNIX/LINUX • Network simulators • Ns2/GlomoSim/OPNET (freeware) </p>



S. No.	Name of the Laboratory	Name of the Equipment
		Dot Matrix Printer
		UPS
10.	40 IT 6P1 – CASE Tools Laboratory	<p>Server: Intel DP XEON 3 GHZ, 4*512 MB RAM,2*120 HDD, 104 Keys Standard Keyboard, PS2 Mouse)</p> <p>Computer (Pentium Core2Quad 2.33 GHZ,2 GB RAM,250 GB HDD, 104 Standard Keyboard, USB Optical Mouse, 18.5" LED Monitor)</p> <p>CASE TOOL</p> <ul style="list-style-type: none"> • Rational Suite/ Win Runner/ Describe or equivalent <p>LANGUAGES</p> <ul style="list-style-type: none"> • C++ Compiler • JDK • JSDK(Free ware) • UML <p>FRONT END</p> <ul style="list-style-type: none"> • VB/VC++/D2K or Equivalent <p>BACK END</p> <ul style="list-style-type: none"> • Oracle 11G
		Dot Matrix Printer
		UPS
11.	40 IT 6P2 – Design Project Laboratory	<p>Computer (Pentium Core2Quad 2.33 GHZ,2 GB RAM,250 GB HDD, 104 Standard Keyboard, USB Optical Mouse, 18.5" LED Monitor)</p> <p>Software</p> <ul style="list-style-type: none"> • ASP • JSP • HTML • XML
		Dot Matrix Printer
		UPS
12.	40 IT 6P3 – Software Tools Laboratory	<p>Computer (Pentium Core2Quad 2.33 GHZ,2 GB RAM,250 GB HDD, 104 Standard Keyboard, USB Optical Mouse, 18.5" LED Monitor)</p> <p>Software</p> <ul style="list-style-type: none"> • WEKA • Matlab • Qual net • Rabid minor • Ns2 • Netsim
		Dot Matrix Printer
		UPS



S. No.	Name of the Laboratory	Name of the Equipment
13.	40 IT 7P1 – Software Components Laboratory	Computer (Pentium Core2Quad 2.33 GHZ, 2 GB RAM, 250 GB HDD, 104 Standard Keyboard, USB Optical Mouse, 18.5" LED Monitor)
		Software <ul style="list-style-type: none"> • Visual Studio 2010 • Application Server(IBM WEB SPHERE/BEAN WEB LOGIC/MICROSOFT IIS / PWS) • J2EE (Freeware) • VISI BROKER(Freeware)
		Dot Matrix Printer
		UPS
14.	40 IT 7P2 – Computer Graphics and Multimedia Laboratory	Computer (Pentium Core2Quad 2.33 GHZ, 2 GB RAM, 250 GB HDD, 104 Standard Keyboard, USB Optical Mouse, 18.5" LED Monitor)
		C/C++ Compiler 3.0
		Java (jdk1.5) <ul style="list-style-type: none"> • Web Camera • Speakers • Microphones
		Scanner
		Dot Matrix Printer
		UPS
		Software
		FRONT END <ul style="list-style-type: none"> • Visual Studio 2010 • Application Server(IBM WEB SPHERE/BEAN WEB LOGIC/MICROSOFT IIS / PWS) • J2EE (Freeware) • VISI BROKER(Freeware)
		BACK END <ul style="list-style-type: none"> • Oracle 11G
		Hardware <ul style="list-style-type: none"> • Web Camera • Speakers • Microphones
		Dot Matrix Printer
		UPS

- Department of B. Tech. Textile Technology

S. No.	Name of the Laboratory	Name of the Equipment
1	Textile Testing	Cotton Fibre Sorter



S. No.	Name of the Laboratory	Name of the Equipment
	Laboratory	Fibre Fineness Tester Trash Analyser Nep Counting Templates Wrap Block Automatic Wrap Reel Ballistic Tester Fabric Count Balance Yarn Appearance Winder Fabric Abrasion Tester Cloth Pilling Tester Cloth Stiffness Tester Cloth Crease Recovery Tester Cloth Bursting Strength Tester Stop Watch Whirling type Hygrometer Weighing Balance Model:Dc170 Precision Balance ASTM Std Board Crock Meter-Mak Hand Driven Twister Lea Tester Crimp Tester Eureka Colour Matching Cabinet Electronic Twist tester GSM Cutter Stelometer Crimp Tester Shirley Beesley Balance Stiffness Tester Drape Meter Stiffness Tester Tool Kit Projection Microscope Fabric Thickness Tester Shrinkage Tester Electronic Single yarn Strength Tester Fabric Tensile Strength Tester Seam Slippage Tester Lab Thermo Hygrometer (Digital) Binocular Microscope Licenses



S. No.	Name of the Laboratory	Name of the Equipment
		ASTM Standard Books Digital Air Tester Fabric Thickness gauge Beesley Balance Tearing Strength Tester Elyten – Yarn Tension Meter Hand Sply Digi-length Micro Controller Tensile Strength tester Digital Electronic weighing balance EL-01 Eureka cotton Fibre Sorter EL-51 Eureka Drape Tester-Cusik type EC-61 Eureka Motorized Bursting Strength tester
2	Yarn Manufacturing Laboratory	Mixing Bale Opener Step Cotton Cleaner Fancy Doubler With Ordinary doubling Machine Conventional Scutcher of Brooks and Doxly Ltd Type Carding m/c H&B Type Draw Frame m/c LRDO2S Simplex M/c, Howa made Ring Frame – Model-Texmaco Drafting Systems Model Sliver lab machine Rieter Comber LR E7/4 Carding machine-leaf gange 300mm (6,7,8,4,5,10,12 / 1000" leafs 1No each) Roller Eccentricity gauge (Magnetic base, Dial indicator 1 No Each) Ocean make, Digimatic setting caliper 150mm Indian make G.R. brand double roller Cotton gin M/c Two for One-twister Vernier caliper in 6 " Rotor spinning Machines Lab thermohygrometer Meter Computer numerically Controlled Lab model ring spinning Machine Trash Analyser(Shifted from testing lab to Spinning lab) Hand stripper with handle Oil Can Carding can 24"x42" Sliver Lap machines Can 20"x42"



S. No.	Name of the Laboratory	Name of the Equipment
3	Fabric Manufacturing Laboratory	1. Carding Gear Wheels, 2. Drawing gear wheels, 3. Simplex gear wheels
		Cheese Winding & Cone Winding Machine
		Automatic Pirn Winding Machine
		Single Cylinder Cam Jacquard (1308 Hooks)
		Reeling Machine
		D.F.Bobbin Winding Machine
		Sectional Warping Machine
		Power Loom – Loose Reed
		Power Loom – 1 x 4 Drop Box
		Power Loom – 4 x 4 Drop Box Loose Reed under Pick
		Power Loom – 1 x 2 Drop Box
		Fast Reed Under Pick
		Terry Loom
		Double Cylinder Jacquard (400 Hooks)
		Cam Dobby
		Ruti -C Loom
		Flat "V" Bed Knitting Machine
		Single Jersey Knitting Machine
		Interlock Knitting Machine
4	Textile chemical processing Laboratory	Piano Card Cutting Machine
		Counting Glass
		Digital Techo Meter
		Electronic Weighing Balance
		Double Jersey Rib
		Airjet Loom, Air Compressor & Drier
		Lab curing machine
		Beaker dyeing machine
		Lab winch
		Dye baths-6 no
		Lab jigger dyeing machine
		Steamer machine
		Printing table
		Stirrer-2 no
		Lab padding mangle
		Light fastness tester
		Laundrometer



S. No.	Name of the Laboratory	Name of the Equipment
		Soxhlet apparatus-3no Digital Electronic Weighing Balance-3no Hot Air Oven Perspiro Meter Crock Meter Melting Point Apparatus
5	Garment Laboratory	Merritt Universal (Heavy material) Fashion maker (classic ultra 700T) Vacumm Table 5 X 3 Model VT43S Portable boiler model PB114 Mannequin / Domies SIRUBA multineedle 4 chain stitch m/c Model VC008 – 04085P SIRUBA Twoneedle lock stitch m/c model T828 – 42-064ML 5 Thread flatlock flatbed m/c (silversun) Button hole m/c (Juki) – model LBH - 780 Button stitch m/c (brother) model CB3 – 1A 3 Thread overlock m/c (singer) – model VBMW757 5 Thread flatlock cylindrical bed m/c (SIRUBA) Model F007H Straight knife cutting m/c (SILVERSUN) Mannequin / Domies High speed 5 Thread overlock stitch m/c (SILVERSUN) Single needle lockstitch m/c (SINGER) Sewing m/c wooden cover Sewing m/c wooden cover Collar turning m/c NGAI Cuff Pressing m/c NGAI Waist band m/c TK-LR 6908P (TAKING) Feed off the arm m/c TK925 (TAKING) Exam Pad Stop watch SIRUBA Single locked stitch m/c model L818F – M1 SHIVACIK 1/12 HP SM Motor with foot control SIRUBA Single needle locked stitch m/c model720 – M1-com pletest (Qty 10)
6	Computer Laboratory	Wipro (full black), P4 3GHZ, 256 MB ram, 80 GB Hard Disc., Optical USB mouse, TFT 17 inch color monitor(Quantity 08), PSZ Multimedia keyboard. Wipro



S. No.	Name of the Laboratory	Name of the Equipment
		40 GB HDD, 15 inch Monitor (Quantity 1).
		Lenovo(full black), P4 3.50 GHZ, 2 GB DDR RAM, 460 GB Hard disc., 3 button optical mouse, Lenovo multimedia keyboard, 17 inch TFT color monitor.
		HP (Gray & black), Intel core-2 DUO, 1 GB DDR 2 RAM, 160 GB Hard disc, HP 18.5 inch CFT Monitor, Optical mouse, UFB keyboard.
		P IV ACER, AMD – ATHLON – 64(Mother board), 256 MB RAM, 80 GB Hard disk, 15" LCD Monitor.
		HCL(gray & black), P4 2.8 GHZ, 256 MB DDR RAM, 40 GB Hard disc., 3 button optical mouse, PS2 multimedia keyboard, 15 inch TFT color monitor.
		Hp Laser Jet 1022
		HP Laser Jet P1008
		Hp Scan jet G2410
		Reach CAD – Pattern Making & Garment Manufacturing
		Wins Soft - Textile Designing Software
		Wonder Weave – Textile Designing Software

- Department of Mechatronics Engineering**

S. No.	Name of the Laboratory	Name of the Equipment
1.	CAD /CAM Laboratory	CNC XL Turning, CNC XL Milling
2.	PLC Laboratory	Programmable logic controller trainer kit PLC Control Panel for level, Temperature, Pressure & Flow Measurement, Equipments. S7 – 1200 Training Kit with DI / DO-01 S7 – 1200 Training Kit with AI/AO -01 S7 – 1200 Training Kit with Temperature level - 01 S7- 1200 Training kit Pressure/ flow-01 HMI Panel-02 VFD Trainer kit-01, Software for PLC- 24 users, Software for HMI-1 users, Software for SCADA- 1 users, Step7 basic single license-m 10 users, Pump Controls kid - 01
3.	Robotics Laboratory	Stepper Motor Robot Trainer Educational Trainer robot with slides and grippers, Mechatronics software installation module grippers robot module. NI ELVIS Microcontroller Proto Type Board, NI 9205 Analog Input Module, 9263 Analog Output Module, 6401 Digital IO modul, 9211 Thermo couple module.



S. No.	Name of the Laboratory	Name of the Equipment
4.	Industrial Safety Laboratory	B&K Handheld Sound Analyzer 2250 with 1/1 octave and 1/3 octave frequency analysis software Wind Screen ½" Micro Phone
5.	Computers, Peripherals and Softwares	HP Pro 93 GHZ, 1.87 GB of RAM, Hard Disk Capacity 296 GB HP 18.5" TFT Monitor-07 Nos.
		WIPRO P-IV,3GHZ, I GB RAM,80GB HDD 17" TFT Monitor-15 Nos
		IBM think centre 8123mep computer inter Pentium 4 running @ 3 GHZ HT processor, 2MB L2 cache, 80GB SATA Hard disk (7200RPM),17" TFT Monitor-28 Nos
		HP Pro 3330 Corei3 -II ND GEN -2120 Desktop (Second generation corei3/2120 processor) (2 GB RAM / 500GB Hard Disk) HP 18.5" LCD Monitor-27 Nos
		HP Compaq 2.8 GHZ, I GB RAM, 160GB HDD,18.5" TFT Monitor-37 Nos
		Lenova Desktop (Second generation core i3 processor 2GB RAM / 500 GB Hard disk) lenova 18.5" LED Monitor-10 Nos
		HCL P-IV HCL 3.06GHZ, DDR-II 2 GB RAM, 80 GB HDD, 15" TFT Monitor-35 Nos
		HP Laser Jet P1008 - 02 Nos., HP Laser Jet 1020Plus- 02 Nos, HP Scanjet 2400 -01 , HP Laser Jet M1005 MFP-01, Laser jet P1007-01,HP Design jet 500 Plus (Plotter)-01, Network Switches - 13 Nos., Edge CAM Software - 09 Users, PTC Creo 3.0- 75 Users, Solid works - 60 users

- Department of Civil Engineering**

S. No.	Name of the Laboratory	Name of the Equipment
1	Soil Laboratory	Triaxial shear apparatus with triaxial cell
		Direct shear apparatus
		Consolidation apparatus (Three Gang)
		Static cone penetration testing unit
		Standard Penetration Test apparatus
		Unconfined Compression Test Unit
2	Computer Aided Drafting Laboratory	AutoCADD (125 user)
		GIS geomedia - 01 user
		Archicad 13. Unlimited
3	Computer Aided Design Laboratory	EnviroTreat – 3User
		STRAP - 10user



S. No.	Name of the Laboratory	Name of the Equipment
		STAADPro2006 - 01user PrimaveeraP3e - 30user NISACivil - 5 user STRAP Upgradation (Version 12.5) Bentley STAAD Pro Software bundle STAAD Pro 2006 upgradation to STAAD pro v8i - 1user
4	Concrete Technology Laboratory	Compression Testing Machine
		Ultra sonic pulse velocity meter
		Flexural testing Machine
		Cube mould
		Immersion Needle vibrator
		Concrete mixer with vibrating table and accessories
5	Construction Materials	Deval's attrition Testing Machine with sieve sets
		Tile abrasion Testing Machine
		Cylindrical moulds
		Flow table
6	Survey Laboratory	GPS
		Total Station
		Theodolite
		Dumpy Level with leveling staff
		Plane Table With Accessories
		Electronic Theodolite
7	Transportation Engineering Laboratory	LISCAD software 10 user license
		Ductility testing apparatus
		Los angles abrasion testing machine
		Marshall stability apparatus
8	Structural Engineering Laboratory	Loading Frame (100 T)
		Ultrasonic Pulse Velocity Digital Meter
		Automatic blaines Apparatus
		Rapid chloride penetration Apparatus
		Hydraulic Power pack motorized
		Digital Compression Testing Machine
		UTM 100T (Computerized)
		Data acquisition system(16Channels)
		Vibration meter and exciter
		LVDTs
9	Environmental Engineering Laboratory	BOD Incubator
		Measuring Cylinder and Miscellaneous items
		Lab Accessories
		Flame photometer COD Apparatus
10	Strength of Material Laboratory	Universal Testing Machine, Vickers Hardness testing Machine



S. No.	Name of the Laboratory	Name of the Equipment
		Rockwell hardness testing Machine, Compression Testing Machine Torsion Testing Machine, Spring Testing Machine Universal Testing Machine Dial Gauge& Magnetic Type Stand, Double Shear Attachment Vickers Hardness Testing Machine Wood Testing Machine, Brinell Hardness Testing Machine Shimadzu Electronic Top Loading Balance, Impact Testing Machine, Deflection Testing Machine
11	Hydraulics Engineering Laboratory	Orifice meter Venturi meter Flow through pipes Pelton wheel Francis Turbine Kaplan Turbine
12	Computers, Peripherals and Softwares	Zenith (black system) P IV 2.4GHZ, HDD 40GB RAM 1 GB, 15" CRT monitor, optical mouse, standard key board, . HCL P IV , 3.06 GHZ, HDD 80 GB RAM 1 GB, FDD, 15" HCL Monitor, HCL Optical Scroll mouse, HCL Standard key board - 10 Nos. WIPRO P IV 3.06 GHZ, HDD 40 GB, Wipro 17" squaremonitor, optical scroll mouse, standard keyboard - 04 Nos. WIPRO P IV 3.06 GHZ, 512 KB, CACHE memory, 256MB, DDR, RAM 1GB , 40 GB HDD, 121 keys key board, 2vBIN serial mouse (USB) 15" LCD Colour monitor with ATX cabinet - 19 Nos. HP Laser Jet 1020, HP Laser Jet P1008, UPS 10 KVA, Numeric Digital 600 plus UPS (out put (50/60Hz) - 3 nos. PRIMAVERA Software P3e/c Ver 5.0 - 30 Users , GIS geomediaprofessional Ver6.0-01User, NISACIVIL-
		HCL Pentium IV , 2.8 GHZ, 256 MB RAM, 121 keys keyboard, HCL mouse (USB) 15" LCD colour monitor with ATX cabinet, HP DX 2480 / Intel core 2 duo / Compaq E7400/1 GB DDR, 160 GB, HDD, HP 18.5" TFT Monitor, HP USB optical scroll mouse, HP USB standard key board - 04Nos. HP Laser Jet 1020, HP Laser Jet P1008, UPS 10 KVA, Numeric Digital 600 plus UPS (out put (50/60Hz) - 3 nos. PRIMAVERA Software P3e/c Ver 5.0 - 30 Users , GIS geomediaprofessional Ver6.0-01User, NISACIVIL- 05 Users , ArchiCadd - Multi user, Enviro Treat Ver 1.0- 03



S. No.	Name of the Laboratory	Name of the Equipment
		Users STADD PRO V8i IS code Latest Version - 01 User

- **Department of B.Tech. Bio Technology**

S. No.	Name of the Laboratory	Name of the Equipment
1.	Bioprocess Engineering Laboratory	Fermentor, Dependable Instruments, Holland Incubator cum Orbital Shaker, Kemi Autoclave – verticalSize: 550 x 350mm
2.	Chemical Engineering and Down Stream Processing Laboratory	Plate & frame filter press, Mysore chipboard limited Fluidized bed rector Mysore chipboard limited Leaf filter Mysore chipboard limited Jaw crusher Mysore chipboard limited Venturi Meter and Orifice Meter Flow through Major and Minor losses, Almech Shell and tube heat exchanger, Deepthi Engineering Instrument suppliers Mixed flow Reactor, Deepthi Engineering Plug Flow Reactor, NEKI Venus Industries PFR/ RTD - Reactor
3.	Instrumentation Techniques Laboratory	Ice Maker, Sanyo Water Purification System, Human Corporation UV – Vis Spectrophotometer, Systronics & 118
4.	Biochemistry Laboratory	UV – Vis Spectrophotometer, Systronics & 118 Biochemistry Analyser, Robonik (Merck) Flame Photometer
5.	Bioorganic Chemistry Laboratory	Water bath Shaker , NSW India Hot Air Oven
6.	Toxicology Laboratory	UV-Spectrophotometer
7.	Immunology Laboratory	Orbital Shaking Incubator, Kemi Gel Documentation, Alpha Innotech corporation
8.	Cancer Biotechnology Laboratory	Laminar air flow, Ganapathy Enterprises Water bath Rectangular, NSW-128 Refrigerated Centrifuge
9.	Genetic Engineering	Gel documentation system, Biotech R&D Laboratories



S. No.	Name of the Laboratory	Name of the Equipment
	Laboratory	Table top centrifuge ,Sigma Thermocycler ,Lark Biomedical freezer,Sanyo Laminar air flow hood Ice Flaker Orbital Shaker, J.B.Selecta-100-D
10.	Industrial Microbiology Laboratory	NSW 151 Incubator Size: 455 x 455 x 605 mm, NSW Horizontal Autoclave 20HB, Ganapathy Enterprises 200 Deep Freezer, Labline Instruments Rotary Shaker 4.5 HP 230 v 49 Flask holding Capacity, Ganapathy Enterprises Hot air Oven R8C Revolutionary Centrifuge with 8 x 15 ml Rotar angle head ,Remi
		HPLC, Agilent Technologies 1220 InfinityLC
		UV Spectrophotometer, Hitachi
		Gas Chromatography,Chemito
		Lyophilizer, Lark
		Ultra Sonicator, Lark Rotary Vacuum Evaporator, Superfit Fermentor, Lark HaematologyAnalyser, Mindray Biochemical Analyser, Mindray Multimode Reader Lyophilizer COD Analyser BOD Analyser
11.	Instrumentation Room	Wipro Processor IV @ 3.0 GHz, 1 GB RAM, 160 GB HDD, Multimedia Keyboard, Optical Mouse, 17" Color Monitor Wipro Processor IV @ 3.0 GHz, 1 GB RAM, 160 + 160 GB HDD, Multimedia Keyboard, Optical Mouse, 17" Color Monitor – Linux Seqlab Server HCL EZEEBEE Wipro Processor IV @ 3.0 GHz, 256 MB RAM, 40 GB HDD, Multimedia Keyboard, Optical Mouse, 17" Color Monitor Zenith Processor IV @ 2.4 GHz, 1 GB RAM, 40 GB HDD, Multimedia Keyboard, Mouse – Scroll, 14" Color Monitor UPS 20KV
12.	Bioinformatics Laboratory	

- Department of B.Tech. Nano Science and Technology



S. No.	Name of the Laboratory	Name of the Equipment
1	Synthesis Laboratory- I	Ultrasonics bath
		Digital Low temperature bath
		Ultrapure Water Purification System for Pyrogen free Water
		Centrifuge
		Microwave Oven
		Centrifuge (Cooling)
		Spin Coating
		Digital Balance
		Sonicator
		Sonicator
2	Synthesis Laboratory – II	Ultrasonic Atomiser
		Ball Mill
		Fume exhaust Hood Clean
		Muffle furnace
		Kanthal chamber type super temperature Furnace
		Heating Mandle
		Hot Air Oven Universal
		Double Distillation Unit
		Magnetic stirrer with hot plate
		PH Meter
		pH/Ion Selective Electrode and Meter
		Double Distillation Unit
3	Synthesis Laboratory - III	INSERF Digital B O D Incubator
		Mini model spray pyrolyser
		High pressure & high temperature hydrothermal autoclave
		Pilot model spray pyrolyser
		DC Sputtering
		Muffle Furnace
4	Characterization Laboratory – I	Indigenous furnace
		Particle size analyser
		Contact angle
		Gas Sensor
		Refrigerator
		Digital Constant Temperature bath
		Online in situ high temperature furnace
		Digital storage oscilloscope wave runner 104MXi
5	Characterisation Laboratory – II	EDAX
		Nano indentation
		Auto lab
		BET



S. No.	Name of the Laboratory	Name of the Equipment
		Pellet Maker (2015) Pellet maker (2008) Vickers Hardness Tester Four Probe
6	Characterisation Laboratory – III	FTIR TGDTA UV - Visible Spectroscopy PDA Fluorescence Spectroscopy IV Tester Laminar Air Flow chamber Atomic Force Microscopy
7	Nanobiotechnology Laboratory	Eletrospinning Setup High Voltage Power Collecting Drum Incubator Digital Furbility Meter Dialysis Closure Clips Dialysis Membrane Filterasion Assembly Oil Sealed VaccumPumb Silicontube Cellulose Nitrate Membrane Filter Paper Syringe Filter Gel Electrophoresis Unit Power Supply Gel Documentation System Fluroscence Microscope Refrigerator Digital Conductivity Meter Ulmicro Medical Microscope Cyclomixer Water Bath Hemo Cytometer Incubator Mixer Microwave Oven Flame Retardant Tester & Water Repellent Tester
8	Bulk Material Characterisation Laboratory – I	Potentiometer Carey Foster Bridge Hall Effect Experiment Hall Effect Experiment Guoys Method Viscosity



S. No.	Name of the Laboratory	Name of the Equipment
		Dielectric Constant Surface Tension Hysteresis Apparatus Energy Band Gap
9	Computer Simulation Laboratory	Computers – 30 Server – 1
10	Device Fabrication Laboratory	Zener& PN Diodes FET Transistor Bread Board Wire Cutter & Wire Glass Plate Copper Plate SS Plate Soldering machine Crocodile clip Nickel plate Plate cutter Diamond cutter Rubber hammer Aralite paste Gratt 1000,650,650, sheet Cutting player Nose player Screw driver Nickel neils Micro tipdriller Surgical gloves Theatre mask
11	Electro chemical and Energy Storage Laboratory	Digital Multimeter Copper plate SS plate Calomel electrode Platinum electrode Micro tip driller Silver electrode Soldering kit Corocadile clip Wire cutter Single core wire Nickel plate



S. No.	Name of the Laboratory	Name of the Equipment
		Zinc plate
		Multiple screw driver
		Magnetic pellet

- Department of B.Tech. Food Technology**

S. No.	Name of the Laboratory	Name of the Equipment
1	Food Microbiology	Laminar Air flow
		Microscope
		Autoclave
2	Food Analysis Laboratory	Digital Turbility Meter
		Unibloc Moisture Analyzer
		Brook Field Viscometer
		Muffle Furnace
		PC Based Double Beam UV-Spectrophoto "Systronics" Make Model: 2202
3	Fruit and Vegetable Processing Laboratory	Fruit Pulper
		Hot air Oven
		Weighing Balance
		Juice Extractorapparatus
		Freeze Dryer with Vacuum Pump & Vacuum Sensor
4	Chemical Engineering	Stefan Boltzmann's Apparatus
		Single effect Evaporator
		Liquid – Liquid Diffusion Apparatus
		Heat Transfer in Natural Convection
5	Dairy Engineering Laboratory	Milk Ananlyzer
		LE002 Hianaerobic System Mark II (Himedia)
		Cream Seperator Apparatus
		Butter Churner
		Gerber Centrifuge
		Paddy Dehusker
		Hammer Mill
		Ball Mill
6	Baking and confectionary Laboratory	Almech Fluidized Bed dryer Apparatus
		Plantery Mixer 5 Ltr
		Bakery Oven Apparatus



- **Department of Artificial Intelligence and Data Science**

S. No.	Name of the Laboratory	Name of the Equipment
1	60 CS0P1 – C Programming Laboratory	Computer (Intel Core i512 th Generation, 2.50 GHZ, 16GB DDR4 RAM, 512 GB SSD, USB Keyboard, USB Optical Mouse, 21.5" WFHD Monitor) DigiPro - C Compiler Printer-Laser/Dot Matrix UPS
2	60 CS *** – Python Programming Laboratory	Computer (Intel Core i512 th Generation, 2.50 GHZ, 16GB DDR4 RAM, 512 GB SSD, USB Keyboard, USB Optical Mouse, 21.5" WFHD Monitor) Python 3.8 Printer-Laser/Dot Matrix UPS
3	60 CS 0P3 – Data Structures Laboratory	Computer (Intel Core i512 th Generation, 2.50 GHZ, 16GB DDR4 RAM, 512 GB SSD, USB Keyboard, USB Optical Mouse, 21.5" WFHD Monitor) DigiPro - C Compiler Printer-Laser/Dot Matrix UPS
4	60 AD 3P1 – Applied Artificial Intelligence Laboratory	Computer (Intel Core i512 th Generation, 2.50 GHZ, 16GB DDR4 RAM, 512 GB SSD, USB Keyboard, USB Optical Mouse, 21.5" WFHD Monitor) • Python • R • TensorFlow • PyTorch Rational Suite Enterprise Printer-Laser/Dot Matrix UPS
5	60 AD 4P1 – Java Programming Laboratory	Computer (Intel Core i512 th Generation, 2.50 GHZ, 16GB DDR4 RAM, 512 GB SSD, USB Keyboard, USB Optical Mouse, 21.5" WFHD Monitor) • Open JDK 11 • Eclipse IDE • DigiPro - Java Compiler Rational Suite Enterprise Printer-Laser/Dot Matrix UPS
6	60 AD 4P2 – Big Data	Computer (Intel Core i512 th Generation, 2.50 GHZ, 16GB DDR4



S. No.	Name of the Laboratory	Name of the Equipment
	Analytics Laboratory	<p>RAM, 512 GB SSD, USB Keyboard, USB Optical Mouse, 21.5" WFHD Monitor)</p> <ul style="list-style-type: none"> • Open JDK 11 • Eclipse IDE • Hadoop • Rapidminer <p>Printer-Laser/Dot Matrix</p> <p>UPS</p>
7	50 AD5P1 – Compiler Design Laboratory	<p>Computer (Intel Core i5 12th Generation, 2.50 GHZ, 16GB DDR4 RAM, 512 GB SSD, USB Keyboard, USB Optical Mouse, 21.5" WFHD Monitor)</p> <p>DigiPro - C/C++ Compiler</p> <p>Printer-Laser/Dot Matrix</p> <p>UPS</p>
8	50AD5P2 – Machine Learning Laboratory	<p>Computer (Intel Core i5 12th Generation, 2.50 GHZ, 16GB DDR4 RAM, 512 GB SSD, USB Keyboard, USB Optical Mouse, 21.5" WFHD Monitor)</p> <ul style="list-style-type: none"> • Python 3.8 • Anaconda • Tensorflow <p>Printer-Laser/Dot Matrix</p> <p>UPS</p>
9	50AD6P1 – Data Science Laboratory	<p>Computer (Intel Core i5 12th Generation, 2.50 GHZ, 16GB DDR4 RAM, 512 GB SSD, USB Keyboard, USB Optical Mouse, 21.5" WFHD Monitor)</p> <ul style="list-style-type: none"> • Python 3.8 • Anaconda • Tensorflow • R 4.1.1 • R Studio <p>Printer-Laser/Dot Matrix</p> <p>UPS</p>
10	50 AD 6P2 – Big Data Frameworks Laboratory	<p>Computer (Intel Core i5 12th Generation, 2.50 GHZ, 16GB DDR4 RAM, 512 GB SSD, USB Keyboard, USB Optical Mouse, 21.5" WFHD Monitor)</p> <ul style="list-style-type: none"> • JDK 1.8 • Hadoop 3.2 • Eclipse IDE <p>Printer-Laser/Dot Matrix</p> <p>UPS</p>
11	50 AD 7P1 – Data	Computer (Intel Core i5 12 th Generation, 2.50 GHZ, 16GB DDR4



S. No.	Name of the Laboratory	Name of the Equipment
	Visualization Laboratory	RAM, 512 GB SSD, USB Keyboard, USB Optical Mouse, 21.5" WFHD Monitor) <ul style="list-style-type: none">• Microsoft Excel• Microsoft Power BI• Python 3.8• Anaconda• Matplotlib
		Printer-Laser/Dot Matrix
		UPS
12	50 AD 7P2 – Cloud Computing Laboratory	Server (Intel Xenon 28 Core CPU, 94GB DDR4, 10 TB HDD, USB Keyboard, USB Optical Mouse, 19" WFHD Monitor) Computer (Intel Core i5 12 th Generation, 2.50 GHZ, 16GB DDR4 RAM, 512 GB SSD, USB Keyboard, USB Optical Mouse, 21.5" WFHD Monitor) <ul style="list-style-type: none">• Proxmox Virtual Environment
		Printer-Laser/Dot Matrix
		UPS
13	50 AD 7P3 – Project Work – Phase I	Computer (Intel Core i5 12 th Generation, 2.50 GHZ, 8GB DDR4, 512 GB HDD, USB Keyboard, USB Optical Mouse, 19" WFHD Monitor) <ul style="list-style-type: none">• Python 3.8• Anaconda• Tensorflow• R 4.1.1• R Studio• JDK 1.8• Hadoop 3.2• Eclipse IDE
		Printer-Laser/Dot Matrix
		UPS
14	50 AD 8P1 – Project Work – Phase II	Computer (Intel Core i5 12 th Generation, 2.50 GHZ, 8GB DDR4, 512 GB HDD, USB Keyboard, USB Optical Mouse, 19" WFHD Monitor) <ul style="list-style-type: none">• Python 3.8• Anaconda• Tensorflow• R 4.1.1• R Studio• JDK 1.8• Hadoop 3.2• Eclipse IDE



S. No.	Name of the Laboratory	Name of the Equipment
		Printer-Laser/Dot Matrix
		UPS

- Department of Computer Science and Business System**

S. No.	Name of the Laboratory	Name of the Equipment
1	60 CB101 Computer Programming and Lab	Computer (Dell Intel Core i5-3100 Processor @3.30 GHz 8GB DDR3 RAM, 1TBHDD, USB Keyboard, USB Optical Mouse, 18.5" LED Monitor) DigiPro - C Compiler Printer-Laser/Dot Matrix UPS
2	60 CB 2P1 Object Oriented Programming Lab	Computer (Dell Intel Core i5-3100 Processor @3.30 GHz 8GB DDR3 RAM, 1TBHDD, USB Keyboard, USB Optical Mouse, 18.5" LED Monitor) DigiPro- C/C++ Compiler Printer-Laser/Dot Matrix UPS
3	60 CB 3P1 Operating Systems Lab	Computer (Dell Intel Core i5-3100 Processor @3.30 GHz 8GB DDR3 RAM, 1TBHDD, USB Keyboard, USB Optical Mouse, 18.5" LED Monitor) Ubuntu Linux 20 or 21 Printer-Laser/Dot Matrix UPS
4	60 CB 3P2 Data Structures and Algorithms Lab	Computer (Dell Intel Core i5-3100 Processor @3.30 GHz 8GB DDR3 RAM, 1TBHDD, USB Keyboard, USB Optical Mouse, 18.5" LED Monitor) DigiPro – C/C++ Compiler Printer-Laser/Dot Matrix UPS
5	60 CB 301 Web Technology	Computer (Dell Intel Core i5-3100 Processor @3.30 GHz 8GB DDR3 RAM, 1TBHDD, USB Keyboard, USB Optical Mouse, 18.5" LED Monitor) HTML, PHP 7x, DigiPro-Java script Printer-Laser/Dot Matrix UPS
6	60 CB 4P1 Database Management Systems Lab	Computer (Dell Intel Core i5-3100 Processor @3.30 GHz 8GB DDR3 RAM, 1TBHDD, USB Keyboard, USB Optical Mouse, 18.5" LED Monitor) Oracle Server 11g Standard Per Processor Edition, Printer-Laser/Dot Matrix



S. No.	Name of the Laboratory	Name of the Equipment
		UPS
7	60 CB 4P2 Design and Analysis of Algorithms Lab	Computer (Dell Intel Core i5-3100 Processor@3.30 GHz 8GB DDR3 RAM, 1TBHDD, USB Keyboard, USB Optical Mouse, 18.5" LED Monitor) DigiPro – C/C++ Compiler Printer-Laser/Dot Matrix UPS
8	50 CB 403 Software Design with UML	Computer (Dell Intel Core i5-3100 Processor@3.30 GHz 8GB DDR3 RAM, 1TBHDD, USB Keyboard, USB Optical Mouse, 18.5" LED Monitor) Star UML Printer-Laser/Dot Matrix UPS
9	50 CB 501 Computer Networks and Lab	Computer (Dell Intel Core i5-3100 Processor@3.30 GHz 8GB DDR3 RAM, 1TBHDD, USB Keyboard, USB Optical Mouse, 18.5" LED Monitor) NS2 and GLOMOSIM Network Simulators Printer-Laser/Dot Matrix UPS
10	50 CB E11 Data Mining and Analytics	Computer (Dell Intel Core i5-3100 Processor@3.30 GHz 8GB DDR3 RAM, 1TBHDD, USB Keyboard, USB Optical Mouse, 18.5" LED Monitor) • Python 3.8 • Anaconda • Tensorflow • R Studio Printer-Laser/Dot Matrix UPS
11	50 CB 502 Artificial Intelligence	Computer (Dell Intel Core i5-3100 Processor@3.30 GHz 8GB DDR3 RAM, 1TBHDD, USB Keyboard, USB Optical Mouse, 18.5" LED Monitor) • Python • R • TensorFlow • PyTorch Printer-Laser/Dot Matrix UPS
12	50 CB 503 Design Thinking	Computer (Dell Intel Core i5-3100 Processor@3.30 GHz 8GB DDR3 RAM, 1TBHDD, USB Keyboard, USB Optical Mouse, 18.5" LED Monitor) Google Docs, Sheets, & Slides Printer-Laser/Dot Matrix UPS
13	51 CB 602 Compiler Design and Lab	Computer (Dell Intel Core i5-3100 Processor@3.30 GHz 8GB DDR3 RAM, 1TBHDD, USB Keyboard, USB Optical Mouse, 18.5" LED Monitor) DigiPro – C/C++ Compiler



S. No.	Name of the Laboratory	Name of the Equipment
		Printer-Laser/Dot Matrix UPS
14	50 CB 601 Information Security	Computer (Dell Intel Core i5-3100 Processor@3.30 GHz 8GB DDR3 RAM, 1TBHDD, USB Keyboard, USB Optical Mouse, 18.5" LED Monitor) NS2 and GLOMOSIM Network Simulators Printer-Laser/Dot Matrix UPS
15	50 CB 701 Usability Design of Software Applications and Lab	Computer (Dell Intel Core i5-3100 Processor@3.30 GHz 8GB DDR3 RAM, 1TBHDD, USB Keyboard, USB Optical Mouse, 18.5" LED Monitor) Star UML Printer-Laser/Dot Matrix UPS
16	50 CB 7P1 IT Project Management and Lab	Computer (Dell Intel Core i5-3100 Processor@3.30 GHz 8GB DDR3 RAM, 1TBHDD, USB Keyboard, USB Optical Mouse, 18.5" LED Monitor) Visual Studio Professional 2022 Android Studio Printer-Laser/Dot Matrix UPS
17	50 CB 702 IT Workshop Sci lab / Mat lab	Computer (Dell Intel Core i5-3100 Processor@3.30 GHz 8GB DDR3 RAM, 1TBHDD, USB Keyboard, USB Optical Mouse, 18.5" LED Monitor) Matlab Printer-Laser/Dot Matrix UPS
18	50 CB 7P2 Project Work Phase-I	Computer (Dell Intel Core i5-3100 Processor@3.30 GHz 8GB DDR3 RAM, 1TBHDD, USB Keyboard, USB Optical Mouse, 18.5" LED Monitor) Python 3.8 Anaconda Tensorflow R Studio JDK 1.8 Hadoop 3.2 Eclipse IDE Printer-Laser/Dot Matrix UPS
19	50 AD 8P1 – Project Work – Phase II	Computer (Dell Intel Core i5-3100 Processor@3.30 GHz 8GB DDR3 RAM, 1TBHDD, USB Keyboard, USB Optical Mouse, 18.5" LED Monitor) Python 3.8 Anaconda Tensorflow R Studio JDK 1.8 Hadoop 3.2



S. No.	Name of the Laboratory	Name of the Equipment
		Eclipse IDE
		Printer-Laser/Dot Matrix
		UPS





- **Department of Artificial Intelligence and Machine Learning**

S. No.	Name of the Laboratory	Name of the Equipment
1	60 CS 0P1 – C Programming Laboratory	Computer(Intel Core i3 @ 3.30GHz, 8GB DDR3 RAM, 500GB HDD, Monitor, Keyboard, Mouse) Programming Skill Development System - C/C++ Compiler Laser Printer UPS
2	60 AM 1P1 – Python Programming Laboratory	Computer(Intel Core i3 @ 3.30GHz, 8GB DDR3 RAM, 500GB HDD, Monitor, Keyboard, Mouse) Programming Skill Development System – Python Interpreter Laser Printer UPS
3	60 CS 3P1 – Java Programming Laboratory	Computer(Intel Core i3 @ 3.30GHz, 8GB DDR3 RAM, 500GB HDD, Monitor, Keyboard, Mouse) JDK 19.0.1 Eclipse IDE 4.24.0 Apache NetBeans IDE 12.2 Programming Skill Development System- JAVA Compiler Laser Printer UPS
4	60 AM 3P1 – Database Management Systems Laboratory	Server(Intel Xeon @ 3.0GHz, 4*512MB DDR RAM, 500GB SATA HDD, Monitor, Keyboard, Mouse) Computer(Intel Core i3 @ 3.30GHz, 8GB DDR3 RAM, 500GB HDD, Monitor, Keyboard, Mouse) FRONT END • JDK 1.8.0 BACK END • Oracle Server 11g Laser Printer UPS
5	60 AM 4P1 – Machine Learning Laboratory	Computer(Intel Core i5 @ 3.20GHz, 8GB DDR3 RAM, 500GB HDD, Monitor, Keyboard, Mouse) R i386 3.3.1, R Studio 3.5.3 Google Colab XAMPP Server 7.4.2 Eclipse IDE 4.24.0 Apache NetBeans IDE 12.2 Laser Printer UPS
6	60 AM 4P2 – Design Thinking Laboratory	Computer(Intel Core i5 @ 3.20GHz, 8GB DDR3 RAM, 500GB HDD, Monitor, Keyboard, Mouse) StarUML 5.0.1 Canva Design Figma Design Laser Printer



S. No.	Name of the Laboratory	Name of the Equipment
		UPS

- Department of Master of Business Management**

S. No.	Name of the Laboratory	Name of the Equipment
1.	Computer Proficiency Laboratory	Zenith: Intel Pentium IV, 2.4 GHz 128 MB RAM 10 GB HDD – 10 Nos
		ACER: AMD 2.2 GHz , 1GB Ram, 40GB Hard Disk (Quantity – 06) (Server – 02)
		HCL: AMD 2.2 GHz , 1GB Ram, 40GB Hard Disk – 02 Nos
		IBM - Pentium Hyper Thread 3.0 GHz – 03 Nos
		HCL EzeeBee Systems, 2GB RAM, 40 GB HDD – 09 Nos
		WIPRO – I Value Pentium – IV, 1GB Ram, 40GB HDD – 06 Nos
		HP Compaq dx2480, Intel Core 2 Duo Processor, 1 GB RAM, 160 GB SATA HDD (Oracle Server) (Quantity – 01 - Server)
2.	Peripherals and Softwares	Lenovo M91P Core I5/4 th Gen/500 GB HDD – 35 Nos
		Samsung Laser Printer, HP Laser Printer – 3 Nos. , HP Scanner, Wipro Dot Matrix Printer – 7 Nos , Speakers – 6 Nos. , NE7GEAR Prosafe 2410/100 Switch – 1 Nos. , UPS 20 KVA – 2 Nos. , HP Procurve 1400 24 Port - 2 Nos , HP Procurve 1800 24 Port - 4 Nos
		Microsoft Windows 2003 Server – Unlimited, Microsoft XP Professional – Unlimited, CMIE - 60 Users, Tally - 60 Users, RED HAT – Unlimited, SPSS 15.0 – 10 Users , Oracle - Unlimited

Innovation Cell

: Yes

Institution's Innovation Council (IIC) programme was started in November 2018 with the approval of MoE, to systematically foster the culture of innovation and start-up ecosystem in the Institution.

IICs' role is to engage large number of faculty, students and staff in various innovation and entrepreneurship related activities such as ideation, Problem solving, Proof of Concept development, Design Thinking, IPR, project handling and management at Pre-incubation/Incubation stage, etc., so that innovation and entrepreneurship ecosystem gets established and stabilized.



Website Link: <https://iic.ksrct.ac.in/>

Social Media Cell : Yes

OUTREACH ACTIVITY

S. No	Name of the Programme/Event	Date of the Programme/Event	No. of Volunteers Involved
1.	International Day of Yogs at Fort, Namakkal	21.06.2024	50
2.	Combined Annual Training Camp 1	03-12.07.2024	34
3.	IGC VSC Launch Camp, KSRCT	18-27.07.2024	06
4.	Inter Air Squadron Camp, KSRCT	01-10.08.2024	06
5.	RDC Selection camp, Coimbatore	13-22.08.2024	04
6.	VSC Training Camp, Puducherry	15-24.08.2024	02
7.	VSC Launch Camp, KSRCT	16-25.09.2024	02
8.	All India Vayu Sainik Camp, Banagaluru	26-04.10.2024	02
9.	RDC Selection camp 2, Coimbatore	18-27.09.2024	02
10.	Drone and UAV Training, KSRCT	11.10.2024	35
11.	AI VSC Falicitation Ceremony, Chennai	08.10.2024	01
12.	Lecture on Aviation Engineering and Aircraft Systems	05.11.2024	200
13.	Drone and Aeromodelling Training, Coimbatore	27-05.02.2025	10
14.	Special Camp Kolli Hills- Plastic Awareness and Self	01.06.2024-	85



S. No	Name of the Programme/Event	Date of the Programme/Event	No. of Volunteers Involved
	Employment Training	02.06.2024	
15.	Yoga Day celebration	21.06.2024	45
16.	Drug Awareness Programme	12.08.2024	25
17.	Participation in Grama Saba Meet	15.08.2024	10
18.	Independence Day	15.08.2024	27
19.	Blood Donation Camp	31.08.2024	30
20.	NSS Day Celebration-Slow Cycle Competition	24.09.2024	65
21.	Participation in World Rabies Day- Thokkavadi	28.09.2024	25
22.	Swachhata Hi Seva Cleanliness DriveCamp - Tiruchengode	01.10.2024	85
23.	Youth Awakening Day- Birth anniversary of Dr. A.P.J. Abdul Kalam	15.10.2024	15
24.	Calculating of offertory of Sri Narasimma Temple, Namakkal	18.10.2024	45
25.	Voter's enrollment camp	27.11.2024	25
26.	Republic Day Celebration	26.01.2024	45
27.	An Awareness Rally on Road Safety	30.1.2024	115
28.	Participation in Awareness Marathon on Drug Abuse and SDGs	09.02.2024	190
29.	Orientation Session for First-Year Volunteers	15.02.2024	105
30.	Blood Donation Camp	18.03.2024	25
31.	Data Collection camp on the Smart Tribal Farming Project at Kolli Hills	25.03.2024 and 26.03.2024	24



S. No	Name of the Programme/Event	Date of the Programme/Event	No. of Volunteers Involved
32.	Self-Employment training for Women	03.04.2025- 09.04.2025 Special Camp	100
33.	Medical Camp		100
34.	Eye screening Camp		100
35.	Food adulteration awareness		100
36.	Money Management awareness		100
37.	Swacha Bharat Activity		100
38.	Plastic Awareness -cotton bag distribution		100
39.	Road safety Awareness Campaign		100
40.	10 th Annual Day Celebration Atchayam Trust	15/08/2024	12
41.	Student Induction Program	03/09/2024	23
42.	Seminar on Social Justice and Human Values	28/09/2024	10
43.	3rd SM Day Celebration	19/10/2024	113
44.	Virtual Diwali Run 3.0	20/10/2024	30
45.	Joy of Giving	25/10/2024	53
46.	Cluster Class at Dharmapuri	07/01/2025	13
47.	Pongal Celebration at Atchayam Trust	11/01/2025	15
48.	Sarvam Award Ceremony 2025	12/01/2024	08
49.	Interactive Session with Founder of Atchayam Trust	07/02/2025	121
50.	KSR Mini Marathon	09/02/2025	45



S. No	Name of the Programme/Event	Date of the Programme/Event	No. of Volunteers Involved
51.	Talent Quest For India - Ullas Summit Programme - Report		
	a) Day 0 - Parents Meeting and CAN DO Workshop	19/07/2024	06
	b) Day 1 - Know Your Locality and Identifying Positivities	07/01/2025	13
	c) Day 2 - Books to Bytes and Time Management	24/01/2025	06
	d) Day 3 - Sports Education and Career Awareness	31/01/2025	10
	e) Day 4 - Science Education and Decision Making	14/02/2025	10
	f) Day 5 - Art Education and Graduation Day	20/02/2025	07
	g) Day 6 - Basics of the Indian Constitution	11/03/2025	11
52.	Orientation program for Civil Engineering student	09.07.2024	24
53.	Independence Day (Gramma Saba Meet)	15.08.2024	50
54.	Gramma Shaba Evet & Awareness on Swachhata Hi Seva Cleanliness Drive Camp	02.10.2024	65
55.	Installation of Bio Gas Plant	18.10.2024	17
56.	Participation in Gramma Sabha Meet - II	26.01.2025	60
57.	Tree Plantation Program	20.08.2024	22
58.	Nutrition Power Distribution for Low Economic peoples	31.08.2024	30
59.	Blood Donation Camp	31.08.2024	30
60.	Road Safety	30.01.2025	285
61.	Blood Donation Camp	18.03.2025	25



- **Compliance of the National Academic Depository (NAD), applicable to PGCM/ PGDM Institutions and University Departments** : Yes
- **List of facilities available**
 - **Games and Sports Facilities** : Yes

S. No.	Categories	Facilities	Area (Sq.ft.)	No. of Ground
1	Outdoor	Athletic track field	155727.00	01
2	Outdoor	Football and Cricket field	307692.00	02
3	Outdoor	Hockey field	194400.00	02
4	Outdoor	Volleyball court	92696.00	03
5	Outdoor	Basket ball courts: outdoor courts	41382.00	01
6	Outdoor	Tennis court with fence	30846.87	01
7	Outdoor	Ball Badminton	142179.84	04
8	Outdoor	Kabaddi court	78408.00	01
9	Outdoor	Handball court	10000.00	01
10	Outdoor	Kho-Kho court	10000.00	01
11	Indoor	Table Tennis court	6000.00	03
12	Indoor	Badminton court	9072.00	03
13	Indoor	Basket ball courts: Indoor court	800.00	01
14	Gymnasium	Advanced malt GYM (Men)	1600.00	02
15	Gymnasium	Advanced malt GYM (Women)	1000.00	01
16	Yoga centre	Indoor Stadium	9072.00	01
17	Swimming pool	Swimming pool	2178.00	01





Sports Coaches

S.No.	Name	Designation	Qualification
1.	Dr.S. Muthukannan	Physical Director	B.Sc., M.P.Ed., M.Phil., Ph.D.
2.	Mr.P.Kajendiran	Assistant Physical Director	BBA, M.P.Ed., M.Phil.
3.	Mrs. C. Dhanalakshmi	Assistant Physical Directress	B.P.E.S
4.	Mr. A. Mano	Full time GYM Instructor	BA
5.	Mr. M. Chandrasekar	Full time coach Swimming	H.Sc.
6.	Mr. S. Karthikeyan	Marker	H.Sc.
7.	Mr. K. Jeevagan	Part time Foot Ball Coach	BBA
8.	Mr. R. Kumaravel	Part time Ball Badminton Coach	M.P.Ed., M.Phil.

- Extra-Curricular Activities** : Yes
- Soft Skill Development Facilities** : Yes
- Digital Assisted Language Learning System (DALLS) reinforces the main objective of Computer Assisted Language Learning (CALL) and Mobile Assisted Language Learning (MALL). This objective delineates that Language Learning (LL) is the acquisition of skills by the Activity Based Methods (ABL) adopted. The focused skills are Listening, Speaking, Reading and Writing, which includes Essay Texting /Paragraph Texting / Email Texting, Just a Minute (JaM), Loud Reading, Brainstorming/ Debate , Self-Introduction, Short Narratives, Group Discussion (GD), Mock Interviews and Role Plays
- Learning Platform:** Microsoft Teams
- Device Facilitation:** Computers / Laptops/ Tabs/ Smart Phones



- **Learning Focus:** Activity Based Learning (ABL)
- **Teaching Learning Process**
 - Curricula and syllabus for each of the programmes as approved by the University : Yes
Link:
<http://ctcms.ksrct.net/Academic/Syllabus.asp>
 - Academic Calendar : Yes
Link: https://ksrct.ac.in/assets/pdf/academic%20calendar/academic_calendar2024-25.pdf
- Academic Time Table with the name of the Faculty members handling the Course : Yes
- **Computing Facilities**
 - Internet Bandwidth : 650mbps
 - Number and configuration of System : 1720
 - Total number of system connected by LAN : 1720
 - Total number of system connected by WAN : 1720
 - Major software packages available : Yes
 - Special purpose facilities available : Yes (NPTEL, MEICT, Digital Library, Virtual Laboratory)
- **Special Purpose**
 - Software, all design tools in case:

S. No.	Name of the Software
System Software	
1.	MICROSOFT WINDOWS SERVER OPERATING SYSTEM 2003 2008 2012
2.	DESKTOP VERSION WINDOWS OS
3.	OPEN SOURCE LINUX OS
4.	WINDOWS SERVER 2008
5.	WINDOWS SERVER 2003



S. No.	Name of the Software
6.	LINUX OPEN SOURCE SERVER
7.	WINDOWS XP
8.	WINDOWS 7
9.	AU POWER LAB
10.	PSIM
11.	MI POWER
12.	MATLAB
13.	KEIL
14.	MICRO C
15.	LABVIEW
16.	FTIR
17.	NANO INDENTATION
18.	EDAX
19.	AUTO LAB
20.	BET
21.	UV
22.	AFM
23.	TGDTA
24.	CONTACT ANGLE
25.	PL
26.	VICKER HARDNESS
27.	IV TESTER
Application Software	
28.	ANSYS 13
29.	AUTO CAD 2016



S. No.	Name of the Software
30.	PRO E CREO 3.0
31.	SOLID WORKS 2008
32.	CNC TECHNOLOGY MULTIMEDIA NCYCLO
33.	CNC MILLING AND TURNING SIMULATION SOFTWARE
34.	CNC MILLING AND TURNING CAM SOFTWARE
35.	SOFTWARE TOOLS GENETIC COMPUTING GROUPS GCG SEVER WISCONSIN PACKAGE
36.	LICENSED SOFTWARE FLEXX DOCKING SOFTWARE
37.	MICROSOFT CAMPUS AGREEMENT
38.	KASPERSKY ANTIVIRUS
39.	MICRISOFT SQL SERVER 2005
40.	MICROSOFT VISUAL STUDIO PROFESSIONAL 2008.NET
41.	MICROSOFT OFFICE PROFESSIONAL 2007 2010
42.	ORACLE SERVER 11G STANDARD PER PROCESSOR EDITION
43.	RATIONAL SUITE ENTERPRISE
44.	MACROMEDIA STUDIO 8.0
45.	ADOBEC CREATIVE SUITES PREMIUM 2.0
46.	QUALNET NETWORK SIMULATOR PREPETUAL
47.	JDK 1.8.0 J2SDK1.5.0 NET BEANS 8.0
48.	WEKA 3.8.0
49.	PHP 1.2
50.	R STUDIO 3.1.1
51.	PYTHON 2.0
52.	CODE COMPOSER STUDIO PLATINUM EDITION
53.	XILINX ISE SYSTEM EDITION V12.1



S. No.	Name of the Software
54.	MAT LAB R2009 AND R2006
55.	KEIL MDK ARM ED
56.	KEIL PK51 F ED SERVER BASED
57.	NETSIM
58.	TENNER TOOL PRO V12.0
59.	MULTISIM V9.0
60.	MULTISIM PCB LAYOUT V10.0
61.	APHELION IMAGE ANALYSIS SOFTWARE
62.	MAT LAB R2012
63.	ANSYS HFSS
64.	FPGA WITH ALTIUM DESIGNER SOFTWARE
65.	VIVADO DESIGN SUITE 2014.2
66.	MS OFFICE PACKAGE
67.	MS OFFICE PACKAGE
68.	ADOBE CREATIVE SUITES
69.	NETBEANS
70.	VISUAL STUDIO 2008 AND 2010
71.	ORACLE SERVER 11G
72.	RATIONAL SUITE ENTERPRISE
73.	K7 ANTI VIRUS
74.	J2SDK 1.5.01
75.	J2EE
76.	NS2
77.	JDK 1.6
78.	RAPID MINAR



S. No.	Name of the Software
79.	WEKA
80.	ECLIPSE
81.	APPLICATION SERVER
82.	ASP JSP HTML XML PHP WAMP SERVER XAMP SERVER AND IDE
83.	EDGECAM SOFTWARE VER 2018 R2
84.	SOLIDWORKS EDUCATION EDITION NETWORK 2008
85.	PTC CREO 3.0
86.	SIMATIC STEP7 300 AND 1200 SIMATIC WINCC
87.	C51 PROFESSIONAL DEVELOPERS KIT AND KEIL SOFTWARE
88.	REACH CAD PATTERN MAKING AND GARMENT MANUFACTURING
89.	WINS SOFT TEXTILE DESIGNING SOFTWARE
90.	WONDER WEAVE TEXTILE DESIGNING SOFTWARE
91.	POWER SYSTEM SIMULATION
92.	POWER ELECTRONICS SIMULATION
93.	DSP AND CONTROL SYSTEM
94.	EMBEDDED APPLICATIONS
95.	MACHINE CONTROL DATA ACQUISITION MEASUREMENT AND INSTRUMENTATION CONTROL
96.	NANO PHOX
97.	PERKIN ELMER SPECTRUM EXPRESS
98.	TRIBO SCAN AND TRIBO VIEW
99.	PCEDX
100.	NOVA 7 AND 8
101.	AUTOSPRB 1
102.	UV VIS CHEMSTATION



S. No.	Name of the Software
103.	SPM LAB AND SPM LAB ANALYSIS
104.	L81 MEASUREMENT AND L81 EVALUATION
105.	SCAT.EXE
106.	CARY ECLIPSE
107.	HMV G
108.	ORIEL SOFTWARE LAB VIEW R TM
109.	STRAP SUIT 12.5
110.	AUTOCAD 2017
111.	STAAD.PRO 2006
112.	STAAD. PROV8I
113.	PRIMAVERA P3EC VER 5.0
114.	GIS VER 6.0
115.	NISA CIVIL
116.	ARCHICAD 13
117.	ENVIRO TREAR VER 1.0
118.	REVIT 2018
119.	LISCAD 9.0.3