



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.Gopalakrishnan



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. : 9994150505
Email : principal@ksret.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	Category	Designation
1.	Shri.R.Srinivasan	Chairman, KSR Educational and Charitable Trust	Chairman, Management Representative
2.	Mr.K.S.Sachin	President & Vice Chairman, KSR Educational and Charitable Trust	President & Vice Chairman, Management Representative
3.	Mrs.Rajammal Rangasamy	Vice-President, KSR Educational and Charitable Trust	Vice-President, Management Representative
4.	Mr.S.R.Natesan	Asst. Secretary, KSR Educational and Charitable Trust	Management Representative
5.	Mrs.KavithaSrinivasan	Treasurer cum Executive Director, KSR Educational and Charitable Trust	Treasurer cum Executive Director, Management Representative
6.	Mr.V.R.Venkatesh	Member, KSR Educational and Charitable Trust	Management Representative



S. No.	Name	Category	Designation
7.	Dr.V.Vennila	Member, KSR Educational and Charitable Trust	Management Representative
8.	Dr.E.K.Sagadhevan	Member, KSR Educational and Charitable Trust	Management Representative
9.	Mr.T.S.Nithin	Member, KSR Educational and Charitable Trust	Management Representative
10.	Dr. K.Thyagarajah	CEO, KSR Educational Institutions	Management Representative
11.	Prof.V.Mohan	Director, Administration	Management Representative
12.	Prof.Keshava Prasad Singh	Emeritus Professor, Department of Electronics Engineering, IIT -BHU,Varanasi-221 005	UGC Nominee
13.	Dr.ShobaRajkumar	Professor and Head, Department of Civil Engineering, Government College of Engineering, Salem-636 011.	State Govt. Nominee
14.	Dr.K.Annamalai	Professor and Head, Department of Automobile Engineering, MIT Campus, Anna University, Chennai – 600 044.	University Nominee
15.	Dr. P. Palanisamy	Professor, Dept. of Electronics and Communication Engineering, National Institute of Technology, Tiruchirappalli.	Educationist Nominated by the Management
16.	Mr. P. Chinnadurai	Project Manager, JasminInfotech Private Limited, Chennai.	Industrialist Nominated by the Management
17.	Mr.LavanamAmballa	National Campus Manager, Talent Acquisition, Wipro Limited, Bangalore	Industrialist Nominated by the Management
18.	Dr. K. B. Jayanthi	Dean, School of Electrical Sciences, KSRCT	Senior Faculty Member Nominated by the Principal



S. No.	Name	Category	Designation
19.	Dr. A. Kumaravel	Dean, School of Mechanical Science, KSRCT	Senior Faculty Member Nominated by the Principal
20.	Dr.G.Karthikeyan	Vice Principal, KSRCT	Senior Faculty Member Nominated by the Principal
21.	Dr. R. Gopalakrishnan	Principal, KSRCT	Ex- Officio Member & Secretary

ACADEMIC ADVISORY BODY MEMBERS

S. No.	Name	Category	Designation
1.	Dr. C. Chellappan	Former Professor, Department of Computer Science and Engineering, Anna University	University Nominee
2.	Dr. P. Jayabalan	Former Professor, Department of Civil Engineering National Institute of Technology Tiruchirappalli	University Nominee
3.	Dr. S. Brahadeeswaran	Professor, Department of Physics University College of Engineering, Tiruchirappalli	University Nominee
4.	Shri S Krithivasan	Manager-Head, India Campus Hiring Virtusa, Chennai	Nominated by Governing Body
5.	Dineshkumar T.K.	Talent Management, Aspire Systems, Chennai	Nominated by Governing Body
6.	Dr. P. Parthiban	Associate Professor, Department of Production Engineering National Institute of Technology Tiruchirappalli	Nominated by Governing Body
7.	Dr. L. Ashok Kumar	Associate Professor, Department of EEE, PSG College of Technology Coimbatore	Nominated by Governing Body



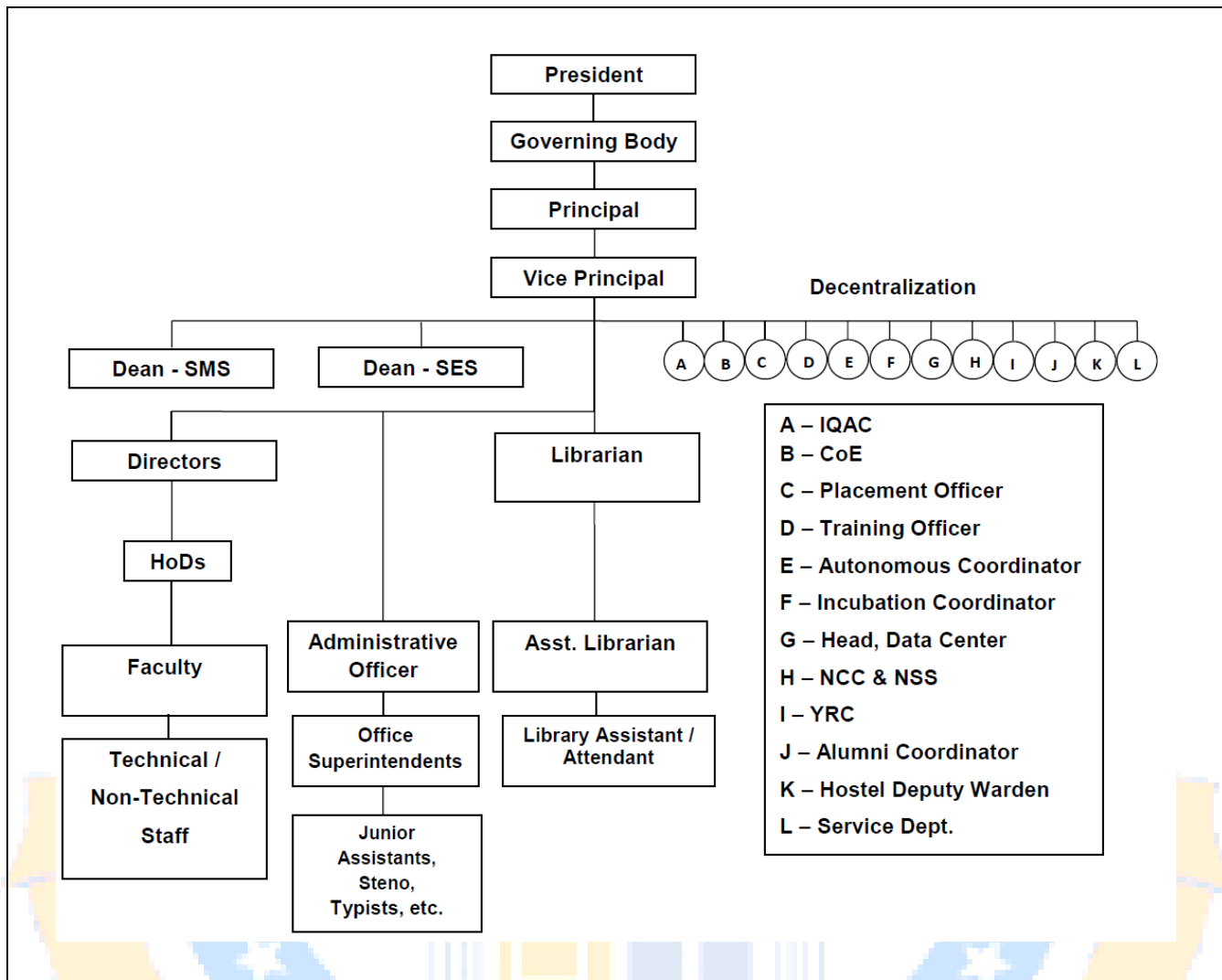
S. No.	Name	Category	Designation
8.	Dr.R.Gopalakrishnan	Principal,KSRCT	Chairman
9.	Dr. G. Karthikeyan	Vice Principal & HoD, Textile KSRCT	Member
10.	Dr. A. Kumaravel	Dean, School of Mechanical Sciences KSRCT	Member
11.	Dr. K. B. Jayanthi	Dean, School of Electrical Sciences KSRCT	Member
12.	Dr. B. G. Geetha	Director, CSE KSRCT	Member
13.	Dr. G. Vennila	Director, Civil Engg.KSRCT	Member
14.	Dr. S. Gopalakrishnan	COE, KSRCT	Member
15.	Dr. J. Philip Robinson	HoD, Biotechnology KSRCT	Member
16.	Dr. P. Premkumar	Prof, EEE & IQAC KSRCT	Member
17.	Dr. R.Poonkuzhali	HoD, IT KSRCT	Member
18.	Dr. P. Kumar	HoD, ECE KSRCT	Member
19.	Dr .G.Vijayagowri	HoD i/c, EEE KSRCT	Member
20.	Dr. S. Madhavi	HoD, CSE KSRCT	Member
21.	Dr. B. Kalpana	HoD,NST KSRCT	Member
22.	Dr.M.Bharani	HoD i/c,Textile KSRCT	Member
23.	Dr. A.Murugesan	HoD, Mech KSRCT	Member
24.	Dr. S. Ramesh	HoD i/c,Civil KSRCT	Member
25.	Dr. A. M. Venkatachalam	Director, Student Affairs KSRCT	Member
26.	Dr. N.Tiruvenkadam	HoD, MCT KSRCT	Member
27.	Dr. M. Vijayakumar	HoD, MBA KSRCT	Member
28.	Dr. P. Agilamudhan	HoD, FT KSRCT	Member
29.	Dr.M.Tamilarasi	HoD i/c, CSBS KSRCT	Member
30.	Dr. E. Mohanraj	HoD i/c, AI&DS KSRCT	Member
31.	Dr. K.SenthilVadivu	HoD, Maths KSRCT	Member
32.	Dr.V.Vasudevan	HoD,Physics KSRCT	Member
33.	Dr. A.Palaniappan	HoD, English & Training KSRCT	Member

S. No.	Name	Category	Designation
34.	Dr. T.Sukantha	HoD, Chemistry KSRCT	Member
35.	Dr. C.Rajasekaran	ECE, Senior Prof. KSRCT	Member
36.	Dr. K. Sakthivel	CSBS, Senior Prof. KSRCT	Member
37.	Dr. V.P.Arthanarieswaran	Prof,Mech KSRCT	Autonomous Coordinator
38.	Dr. R.Chithra	Prof,CSE KSRCT	Member Secretary

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




ORGANIZATIONAL CHART AND PROCESSES



- **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



	K.S.RANGASAMY COLLEGE OF TECHNOLOGY, TIRUCHENGODE-637 215 An Autonomous Institution, Affiliated to Anna University, Chennai	ISO QM 6.2.2/F019-B
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FACULTY EVALUATION – STUDENT FEEDBACK

Faculty Name : Department : Section

Subject Name : Semester

Total Number of Entries:



S.No.	Question	Very Good (10)	Good (7.5)	Poor (2.5)	Very Poor (0)	Consolidated (10)
1.	Answering to Questions / Clarifying doubts					
2.	Subject Knowledge					
3.	Syllabus Coverage					
4.	Motivation					
5.	Amiability					
Consolidated Mark (Out of 10)						



Consolidated is done using the formula:

$$\text{Consolidated} = \frac{(\text{Very Good} * 10) + (\text{Good} * 7.5) + (\text{Poor} * 2.5) + (\text{Very Poor} * 0)}{\text{Total Number of Entries}}$$

Conclusion is arrival at by using the following conditions on a 10 point Scale.

If total Consolidated value is greater than 7.4, then the result is **VERY GOOD**

If total Consolidated value is greater than 4.9 and less than 7.5, then the result is **GOOD**

If total Consolidated value is greater than 2.5 and less than 5, then the result is **POOR**

If total Consolidated value is 2.5 and below 2.5, then the result is **VERY POOR**



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FACULTY EVALUATION – STUDENT FEEDBACK

Faculty Name : Department : Section
: :
Subject Name : Semester
:

Total Number of Entries:

S.No.	Question	Very Good (10)	Good (7.5)	Poor (2.5)	Very Poor (0)	Consolidated (10)
1.	Punctuality					
2.	Clarity of Explanation					
3.	Alertness & Confidence (Managing Class)					
4.	Availability for Discussions					
5.	English Communication					
Consolidated Mark (Out of 10)						

Consolidated is done using the formula:

$$\text{Consolidated} = \frac{(\text{Very Good} * 10) + (\text{Good} * 7.5) + (\text{Poor} * 2.5) + (\text{Very Poor} * 0)}{\text{Total Number of Entries}}$$

Conclusion is arrival at by using the following conditions on a 10 point Scale.

If total Consolidated value is greater than 7.4, then the result is **VERY GOOD**

If total Consolidated value is greater than 4.9 and less than 7.5, then the result is **GOOD**

If total Consolidated value is greater than 2.5 and less than 5, then the result is **POOR**

If total Consolidated value is 2.5 and below 2.5, then the result is **VERY POOR**

STUDENT FEEDBACK RESULT - _____

Note:

If total Consolidated value is Less than 2.5, Counseling has to be given to the respective faculty.

Punctuality: Coming to the class in time.

Clarity of Explanation: Able to explain the subject concepts clearly.

Alertness & Confidence (Managing Class): Managing the class with authenticity in subject and maintaining silence.

Availability for discussion: Willing to discuss whenever required.



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

S.No.	Name	Position	Designation
1	Dr.R.Gopalakrishnan Principal	Chairman	+91 9994150505 principal@ksrct.ac.in
2	Dr.G.Karthikeyan Vice Principal	Member	+91 9280808082 viceprincipal@ksrct.ac.in
3	Dr.A.Kumaravel Dean, SMS	Member	+91 9443553626 kumaravel@ksrct.ac.in
4	Dr.K.B.Jayanthi Dean, SES	Member	+91 9443471811 jayanthikb@ksrct.ac.in
5	Dr.R.Poonkuzhali Prof & Head,IT	Member	+91 9597612312 poonkuzhali@ksrct.ac.in
6	Dr.S.Madhavi HoD, CSE	Member	+91 9095060950 madhavis@ksrct.ac.in
7	Dr.M.Kathirselvam Asst.Prof., Mech	Member	+91 90428 97228 mkathirselvam@ksrct.ac.in
8	Ms.S.Chandralekha Asst.Prof., MCT	Member	+91 9659019744 chandralekha@ksrct.ac.in
9	Dr.S.Gomathi Prof., EEE	Member	+91 9894279244 gomathi@ksrct.ac.in
10	Dr.Puniethaa Prabhu Prof., Biotech	Member	+91 9443486922 punithaa@ksrct.ac.in
11	Ms.T.Sneha Final Year IT	Member	+91 9626942212 snehatsumathi@gmail.com
12	Mr.M.R.Gowtham Third Year Mech	Member	+91 9976412890 Mrgowtham2001@gmail.com
13	Mr.A.Ajay Second Year BT	Member	+91 9715533869 Ajayajar369@gmail.com
14	Dr.A.M. Venkatachalam Director, Student Affairs	Member & Convener	+91 9944050222 amvenku@ksrct.ac.in

• **Establishment of Anti Ragging Committee**

: Yes

S.No.	Name	Position	Designation
1.	Dr.R.Gopalakrishnan	Teaching	K.S.Rangasamy College Of Technology
2.	Mr.T.C Rashul	Reporter	Maalaimalar Daily
3.	Mr.S.Jaganathan	Police Department	Sub Inspector Of Police, Rural Police Station, Tiruchengode
4.	Ms.Sridevi Mogilineedi	Director	Bhumi Ngo
5.	Mr.S.Ravi	Parent	Own Bussiness
6.	Mr.S.Mahavishnu	Student	Department Of Csbs
7.	Mr.T. Gokulraj	Student	Department Of Mechatronics Engineering
8.	Ms.P.Dhivya	Student	Department Of Biotechnology
9.	Mrs.D.Estherani	Non Teaching	Department Of Information Tehcnology
10.	Mr.S.Dhanakumar	Non Teaching	Department Of Mechanical Engineering
11.	Dr.G.Karthikeyan	Teaching	Department Of Textile Technology
12.	Dr.G.Vennila	Teaching	Department Of Civil Engineering
13.	Dr.A.M.Venkatachalam	Librarian	Director, Student Affairs
14.	Dr.N.Tiruvenkadam	Teaching	Department Of Mechatronics Engineering
15.	Dr.D.Srividhya	Teaching	Department Of Electrical And Electronics Engineering
16.	Dr.M.Tamilvanan	Teaching	Departmen Of Chemistry
17.	Dr. K.Sakthivel	Teaching	Department Of Cse



- **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	Position	Designation
1.	Dr.Gopalakrishnan. R	Chairperson	Principal
2.	Dr.Karthikeyan. G	Chief Coordinator	Vice-Principal
3.	Mr. Saravanan S P	Coordinator	Placement
4.	Mr. Rajkumar S	Coordinator	Placement
5.	Dr. Palaniappan A	Coordinator	Training
6.	Mr. U.Vivek	Coordinator	Mechanical Engineering
7.	Dr.R.Balamurugan	Coordinator	Electrical & Electronics Engineering
8.	Mr.S.Saravanan	Coordinator	Electronics & Communication Engineering
9.	Dr.E.Mohanraj	Coordinator	Artificial Intelligence & Data Science
10.	Dr.C.Vijayakumar	Coordinator	Mechatronics Engineering
11.	Mr.S.Sakthivel	Coordinator	Civil Engineering
12.	Mr.R.Mohanraj	Coordinator	Nanoscience & Technology
13.	Dr.P.Mageshkumar	Coordinator	Civil Engineering
14.	Dr.C.Nallusamy	Coordinator	Information Technology
15.	Mr.P.Maheswaran	Coordinator	Textile Technology
16.	Dr.Puniethaa Prabhu	Coordinator	Biotechnology
17.	Dr.A.Karthik	Coordinator	Nanoscience & Technology
18.	Mr.S.Gunasekar	Coordinator	Civil Engineering
19.	Ms.R.Krishnaveni	Coordinator	Food Technology
20.	Dr.K.Yuvaraj	Coordinator	Civil Engineering
21.	Mr.G.Bharath	Coordinator	Food Technology
22.	Mr.R.Lokeshkumar	Student Coordinator	Electronics And Communication Engineering
23.	Ms.R.Muppudathi	Student Coordinator	Food Technology



Establishment of Committee for SC/ ST

: Yes

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.	Dr.K.Thyagarajah Chief Executive Officer K.S.R. Educational Institutions	Management Representative
3.	Mr. Lavanam Amballa National Campus Manager Talent Acquisition Wipro Limited, Bangalore	Member – Employer
4.	Mr. S.Krithivasan Manager-Head India Campus Hiring Virtusa, Chennai	Member – Industry
5.	Mr.R.Ruben Ebenezer Executive Member of Yi Erode.	Member – Local Society
6.	Mr. K. Selvakumar, Executive Council Member, ISTE, New Delhi.	Member – Alumni
7.	Dr. D. Subramaniam Professor, Mahendra Engineering College, Mallasamudram.	Member – Parent
8.	Dr.G.Karthikeyan Vice Principal, K.S.Rangasamy College of Technology.	Member
9.	Dr.A.Kumaravel, Dean SMS, K.S.Rangasamy College of Technology	Member
10.	Dr.K.B.Jayanthi Dean SES, K.S.Rangasamy College of Technology	Member
11.	Dr.S.Gopalakrishnan Controller of Examinations K.S.Rangasamy College of Technology	Member
12.	Dr.A.Murugesan Head R &D K.S.Rangasamy College of Technology	Member



S. No.	Name of the Member	Position
13.	Dr.G.Vennila, Director Civil K.S.Rangasamy College of Technology	Member
14.	Dr.A.Palaniappan Training Cell Coordinator K.S.Rangasamy College of Technology	Member
15.	Dr.A.M.Venkatachalam Director of Library K.S.R.Educational Institutions	Member
16.	Prof.K.Venkatachalam Administrative Officer K.S.R.Educational Institutions	Member
17.	Dr. S.Muthukannan Physical Director K.S.Rangasamy College of Technology	Member
18.	Dr.R.Gopinath, Associate Professor, Department of CSE K.S.Rangasamy College of Technology	Member
19.	Ms.B.Kalpana Associate Professor ,Department of BT K.S.Rangasamy College of Technology	Member
20.	Dr.Jagadeesan Assistant Professor ,Department of Civil K.S.Rangasamy College of Technology	Member
21.	Ms.M.Vaishnavi, Assistant Professor, Department of IT K.S.Rangasamy College of Technology.	Member
22.	Ms. Rajalakshmi III Year Student Department of 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 Pofessor, Department of IT K.S.Rangasamy College of Technology	Asst.Coordinator
25.	Dr. R.Rajmohan Professor , Department of English K.S.Rangasamy College of Technology	Asst.Coordinator

S. No.	Name of the Member	Position
26.	Dr.P.Premkumar Professor, Department of EEE K.S.Rangasamy College of Technology	Coordinator

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. Computer Science and Business Systems
12.	B.Tech. Artificial Intelligence and Data Science
13.	B.E. Computer Science in Artificial Intelligence and Machine Learning
14.	B.E. Electronics Engineering

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

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

• **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 Information Technology
6. B.Tech Textile Technology
7. B.E. Mechanical Engineering
8. B.E. Mechatronics Engineering
9. Master of Business Administration

• **Status of Accreditation of the Courses**

- Total number of Courses : 25
- No. of Courses for which applied for Accreditation : 09

• **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	143	50000	Yes	1,56,000	4,50,000	2,39,000
2.	B.E. (EEE)	60	4	174	55000	Yes	1,56,000	7,00,000	3,07,000
3.	B.E. (ECE)	120	4	191	55000	Yes	1,68,000	6,00,000	3,70,000
4.	B.E. (CSE)	120	4	194	55000	Yes	1,80,000	7,20,000	3,70,000
5.	B.Tech. (IT)	120	4	184.5	55000	Yes	2,40,000	6,50,000	3,70,000
6.	B.Tech.(AIDS)	60	4	179.5	50000	Yes	NA	NA	NA
7.	B.Tech.(CSBS)	60	4	174	50000	Yes	NA	NA	NA
8.	B.E.(CSE) AI&ML	60	4	177.5	50000	Yes	NA	NA	NA
9.	B.Tech. (Textile)	60	4	160	55000	Yes	1,68,000	3,06,000	2,32,000
10.	B.E. (MCT)	60	4	161.4	50000	Yes	1,68,000	6,15,100	2,73,000



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
11.	B.E. (Civil)	30	4	136	50000	Yes	2,60,000	3,00,000	2,48,000
12.	B.Tech. (BT)	60	4	185	55000	Yes	1,34,000	4,37,500	3,37,000
13.	B.Tech. (FT)	60	4	154	50000	Yes	1,80,000	4,00,000	2,40,000
14.	M.E. (ED)	6	2	-	21650	Yes	180000	400000	270286
15.	M.E. (VLSI)	6	2	-	21650	Yes	180000	400000	270286
16.	M.E. (PSE)	6	2	-	21650	Yes	180000	400000	270286
17.	M.E. (CSE)	6	2	-	21650	Yes	180000	400000	270286
18.	M.E. (ISE)	18	2	-	21650	Yes	2,50,000	4,00,000	3,10,000
19.	M.E. (SE)	6	2	-	21650	Yes	180000	400000	270286
20.	M.Tech. (BT)	18	2	-	21650	Yes	180000	400000	270286
21.	M.Tech. (Nano)	6	2	-	21650	Yes	180000	400000	270286
22.	MBA	60	2	-	34150	Yes	1,68,000	6,00,000	3,36,000

Faculty

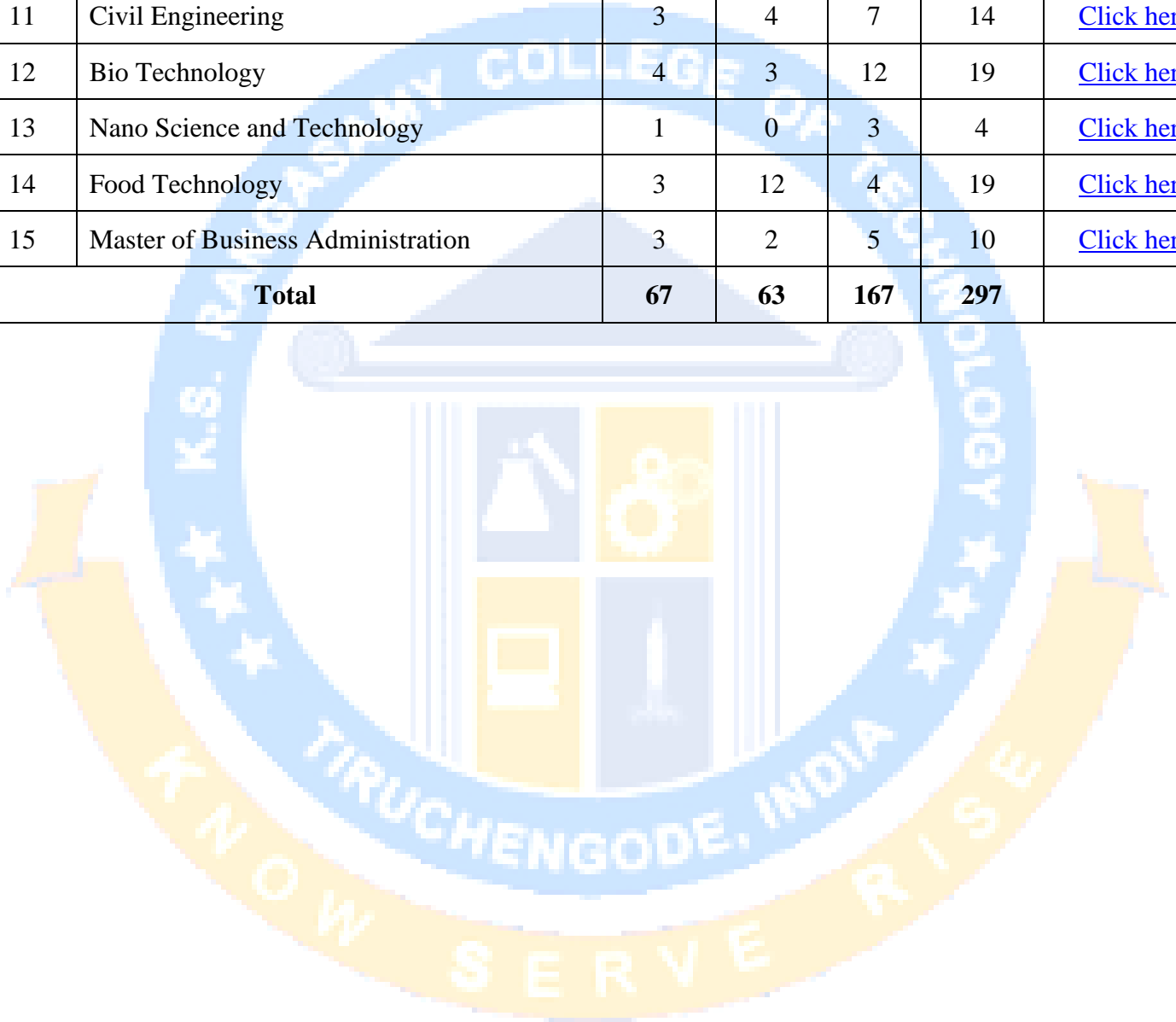
- Branch wise list Faculty members:

- Permanent faculty : 297

S.No	Department	P	ASP	AP	Total	Faculty List
1	Mechanical Engineering	9	6	16	31	Click here
2	Electrical and Electronics Engineering	8	5	10	23	Click here
3	Electronics and Communication Engineering	9	6	22	37	Click here
4	Computer Science and Engineering	7	5	21	33	Click here
5	Computer Science and Business System	3	3	9	15	Click here
6	Artificial Intelligence and Machine Learning	1	3	3	7	Click here



7	Information Technology	7	4	22	33	Click here
8	Artificial Intelligence and Data Science	2	3	10	15	Click here
9	Textile Technology	4	3	10	17	Click here
10	Mechatronics Engineering	3	4	13	20	Click here
11	Civil Engineering	3	4	7	14	Click here
12	Bio Technology	4	3	12	19	Click here
13	Nano Science and Technology	1	0	3	4	Click here
14	Food Technology	3	12	4	19	Click here
15	Master of Business Administration	3	2	5	10	Click here
Total		67	63	167	297	



6. Profile of Principal

Dr. R. GOPALAKRISHNAN
PRINCIPAL/PROFESSOR EEE
K.S.RANGASAMY COLLEGE OF TECHNOLOGY
Tiruchengode, Namakkal, Tamilnadu. -637215
eMail: gopsengr@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

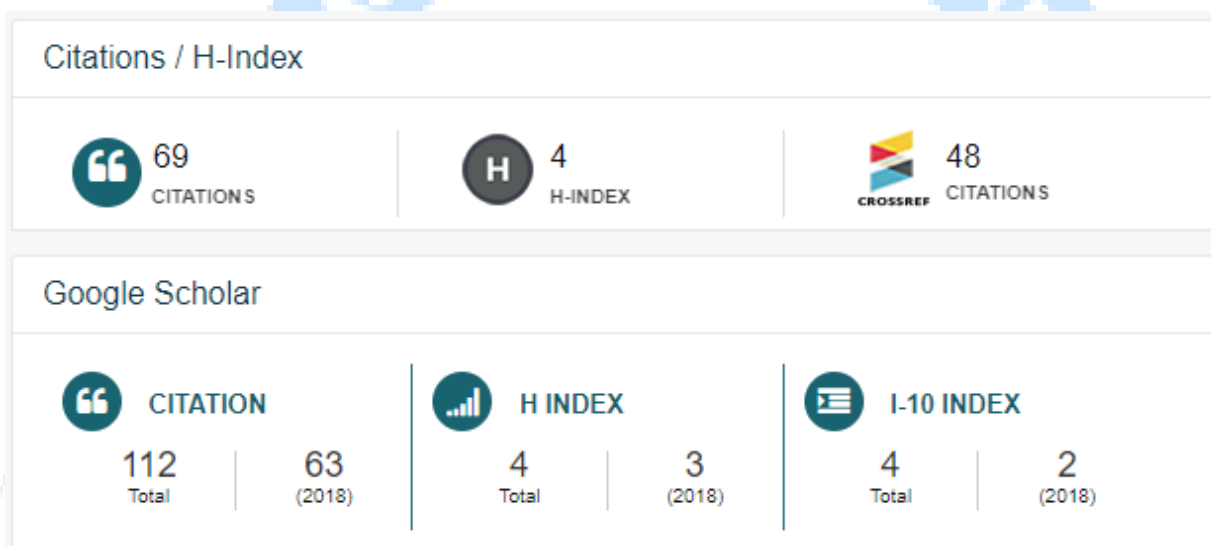
TOTAL WORK EXPERIENCE: 19 years 06 months

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
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PUBLICATIONS

Patent		Project	Journal Articles		Research Scholars	Award	Membership In Professional Bodies
Granted	Filled	Sanctioned	Journal	Conference			
1	6	1	16	3	3	3	2



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

<i>Google Scholar ID</i>	<u>IdmuG7kAAAAJ</u>
<i>Scopus ID</i>	<u>54401107200</u>
<i>ORCID ID</i>	<u>0000-0002-5982-8983</u>
<i>Microsoft Academic Search ID</i>	<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 including various fees like Tuition fee, Admission fee, and Special fee. Laboratory / Computer / Internet fee, Library fee, Sports fee, Placement and Training fee,
		Accredited Courses	55,000/ Annum	
3	M.E. / M.Tech.	Non-Accredited Courses	25,000/ Semester	
		Accredited Courses	30,000/ Semester	
4	MBA	Non-Accredited Courses	17,500/ Semester	
		Accredited Courses	20,500/ Semester	

			Maintenance and Amenities fee, Extra-curricular activities fee and other recurring expenditure.
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• **Number of scholarship offered by the Institution, duration and amount**

Scholarships and Financial Support Academic Year (2023-24)

Name /Title of the scheme	Number of students	Amount in Rupees
BC/MBC - Fresh	379	2481300
BC/MBC - Renewal	800	4669875
7.5% Special Reservation Government School Students	36	2985000
AICTE-Central Sector Scheme	13	140000
AICTE-Indira Gandhi Scholarship	2	250000
AICTE-MCM	10	235000
AICTE-PMSSS	1	145000
AICTE-Pragati scholarship	4	200000
AICTE-Swanath Scholarship	8	400000
LUMINA DATMATICS	8	700000
Management Scholarship	128	2921140
Pearltri Foundation	1	27500
Sahyog Scholarship - Redington	18	117000
SC/ST – Fresh	77	4017000
SC/ST – Renewal	75	4471600
Sitaram Jindal Foundation	3	51300

• **Estimated cost of Boarding and Lodging in Hostels**

S. No.	Particulars	Fee	
		Boys Hostel	Girls Hostel
1.	Hostel Fees	22400	22400
2.	Mess Fees	35000	32000



S. No.	Particulars	Fee	
		Boys Hostel	Girls Hostel
	Total	57400	54400

1. 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.Tech. Computer Science and Business Systems	60
13.	B.E. Computer Science in Artificial Intelligence and Machine Learning	60
14.	B.E. Electronics Engineering	60
	Total	990

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

S.No.	Programme Name	Intake
1.	M.E. Engineering Design	6
2.	M.E. VLSI Design	6
3.	M.E. Power Systems Engineering	6
4.	M.E. Computer Science and Engineering	6
5.	M.E. Industrial Safety Engineering	18
6.	M.E. Structural Engineering	6
7.	M.Tech. Biotechnology	18
8.	M.Tech. Nano Science and Technology	6
9.	M.Tech. Food 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 2023-24				
Programme name	Programme Code	Number of Applications Received	Number of seats sanctioned	Number of Students admitted
B. E. Mechanical Engineering	B.E. ME	147	60	57
B. E. Electrical and Electronics Engineering	B.E. EE	129	60	63
B. E. Electronics and Communication Engineering	B.E. EC	206	120	120
B. E. Computer Science and Engineering	B.E. CS	232	120	122
B. E. Mechatronics Engineering	B.E. MC	76	60	59
B. E. Civil Engineering	B.E. CE	42	30	30
B.Tech. Information Technology	B.Tech. IT	211	120	118
B.Tech. Textile Technology	B.Tech. TT	96	60	37
B.Tech. Bio-Technology	B.Tech. BT	120	60	60
B.Tech. Food Technology	B.Tech. FT	112	60	59
B.Tech. Artificial Intelligence and Data Science	B.Tech. AD	83	60	63
B.Tech. Computer Science and Business Systems	B.Tech. CB	88	60	60
B. E. Electronics Engineering (VLSI)	B.E VLSI	78	60	57
M.Tech. Data Science	M.Tech. DS	14	6	5
M.E. VLSI DESIGN	M.E. PVL	10	6	1
M.E. Computer Science and Engineering	M.E. PCS	9	12	5
M.E. Industrial Safety Engineering	M.E. PIS	22	18	13
M.E. Power Systems Engineering	M.E. PPS	10	6	3
M.E. Structural Engineering	M.E. PSE	22	12	6
M.Tech. Nanoscience and Technology	M.Tech. PNT	7	12	2



M.Tech. Biotechnology	M.Tech. PDB	130	18	17
Master of Business Administration	M.B.A.	86	60	61
Total		1858	1134	1078
Enrolment percentage			95.06	

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
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



S. No.	Block	Class Rooms		Labs		Seminar /Drawing		Total Built-up Area inSq. ft.
		No.	Area in Sq. ft.	No.	Area in Sq. ft.	No.	Area in Sq. ft.	
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
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• **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	7979	2841	6	6	3	-	55
2	EEE	7229	2376	6	6	3	-	29
3	ECE	8034	2790	6	6	2	-	103
4	CSE	7235	2783	6	6	3	2	77
5	Textile	6506	2229	7	1	10	-	9
6	IT	6374	2305	6	6	2	-	55
7	Mechatronics	5114	2235	6	6	2	-	42
8	Civil	5465	3020	6	3	6	-	30
9	Biotechnology	4790	1927	6	3	2	-	87
10	E & I	3118	1439	6	7	-	-	11
11	Nano Science & Tech	1372	519	6	2	-	-	11
12	Food Tech	941	417	5	-	3	-	14
13	S&H	4942	2547	-	-	-	-	-
14	General	4198	3325	2	1	14	1	-
PG Programme								
1	ME - CSE	1910	846	6	-	-	-	-
2	ME - VLSI	1649	439	6	3	-	-	-
3	ME - ED	1639	425	6	4	-	-	-
4	ME - ISE	1338	503	1	-	-	-	-
5	M.Tech - NST	1265	319	5	-	-	-	-
6	ME-PSE	1030	388	5	2	-	-	-
7	ME - SE	985	401	6	-	-	-	-
8	M.Tech - BT	750	230	3	-	-	-	-
9	MBA	18190	7362	42	13	9	2	3
	TOTAL	102026	41666	154	75	59	5	526+9977 (Common e-journals)

• e-books : 14777

• List of online National/International Journals Subscribed : <https://sites.google.com/a/ksrct.ac.in/ksrctcentrallibrary/e-journals-1>

- **E-Library Facilities** : <https://sites.google.com/a/ksrct.ac.in/ksrctcentrallibrary/home>
- **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
Pin on disc wear and friction		
3.	Thermal Engineering Laboratory	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
		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	Tool Maker's Microscope



S. No.	Name of the Laboratory	Name of the Equipment
	Measurement Laboratory	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	3 ϕ squirrel cage Induction Motors with loading Arrangements
		3 ϕ Slip ring Induction Motors with loading Arrangements

S. No.	Name of the Laboratory	Name of the Equipment
		3 ϕ synchronous motors with loading arrangements
		Alternators (salient pole) with loading arrangements
		Alternator (cylindrical R.) with loading arrangements
		Winding study motor, 1 ϕ Induction Motor
		3 ϕ Auto Transformers
2.	DC Machines	DC Rectifier unit
		AC & DC Pannels
		DC shunt motors with loading Arrangements
		DC Compound motors
		DC Compound 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
6.	Power Electronics Lab	100 MHz Oscilloscope
		Single phase bridge converters and Cyclo Converters
		Series Inverters and Parallel Inverters
		Voltage & Current Commutated Choppers
		AC Phase control kits
		3 ϕ converter for μ p 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
30 MHz oscilloscopes		
7.	Circuits & Devices Laboratory	(0-30)V dual Regulated power supplies
		30MHz oscilloscopes
		AC & DC meters
8.	Electric Drives and	C 51 Professional developers kit
		Hi – Tech C cross complier

S. No.	Name of the Laboratory	Name of the Equipment
	Control Laboratory	Speed control of DC chopper unit DSP trainer board Advance Micro controller software NI data Acquisition card Fluke make power quality analyzer Thermal Camera with 1200 ⁰ C option and FLIR Tool + Software
9.	Computers, Peripherals and Softwares	<p>Acer - RAM : 2 GB,80 GB SATA HDD , Athlon 64 bitprocessor , Multimedia Keyboard , Optical Scroll Mouse 15" TFT Monitor with Mouse pad, Power Cable -39 Nos.</p> <p>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.</p> <p>HCL- Intel Pentium-IV 3.06 GHz, 1 GB DDRII533 RAM, 1.44MB Floppy Disk, 80 GB HDD 512 MB RAM, Optical Scroll Mouse, Keyboard, TFT Monitor. , Optical Scroll Mouse - 11 Nos.</p> <p>HP compaqdv 2480, Intel Core2Duo@2.8GHz, 1GB DDRIIRAM@800 MHz, 160GB Sata HDD, Onboard Audio and Lan, 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.</p> <p>SAMSUNG Printers – 03 Nos, HP laser Jet Printers– 03 Nos, Dot Matrix Printers– 04 Nos, HP Scanjet 2400, UPS 20 KVA, UPS 10 KVA.</p> <p>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.</p>

- 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	MATLAB, Code Composer Studio, TMS320C5X kit (TMS 320C50, TMS 320VC5416, TMS 320V0C33, TMS 320F2407A, TMS 320C5416 DSP starter Kit). Personal Computers Configuration: 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. 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. 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.
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 Edition, XTREME DSP Development platform – virtex-5

S. No.	Name of the Laboratory	Name of the Equipment
		<p>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: 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. 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 (VVSI-01)*LEDs Module (VVSI-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: 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. 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: 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:</p>

S. No.	Name of the Laboratory	Name of the Equipment
		<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- 1 No.</p> <p>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 3rd generation 3.40 GHz Intel Core 17-3770 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 keybard Processor Intel Core15 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>TVSMSP455XLClassicSeriesDotmatrixPrinter- 3Nos.,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, BenQLcd Projector – 2 Nos.</p> <p>Code Composer Studio Platinum Edition- Unlimited, Xilinx ISE System Edition v12.1-25users, MAT Lab</p>

S. No.	Name of the Laboratory	Name of the Equipment
		R2009a (v7.4) with 38 Tool Boxes-25users, MAT Lab R2006 with 16 Tool Boxes-10 users, Keil MDK –ARM-ED-25users, Keil PK51-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	
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	
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	
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	
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	
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

S. No.	Name of the Laboratory	Name of the Equipment
12.	Big Data Analytics Laboratory	THINKCENTRE) – 36Nos.
13.	Peripherals and Softwares	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., 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)

• 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		



S. No.	Name of the Laboratory	Name of the Equipment
		BJT BC107
		JFET BFW10
		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

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

S. No.	Name of the Laboratory	Name of the Equipment
		Software <ul style="list-style-type: none"> • C/C++ Compiler 3.0UNIX/LINUX • Network simulators • Ns2/Glomosim/OPNET (freeware)
		Dot Matrix Printer
		UPS
10.	40 IT 6P1 – CASE Tools Laboratory	Server: Intel DP XEON 3 GHZ, 4*512 MB RAM,2*120 HDD, 104 Keys Standard Keyboard, PS2 Mouse) Computer (Pentium Core2Quad 2.33 GHZ,2 GB RAM,250 GB HDD, 104 Standard Keyboard, USB Optical Mouse, 18.5” LED Monitor) CASE TOOL <ul style="list-style-type: none"> • Rational Suite/ Win Runner/ Describe or equivalent LANGUAGES <ul style="list-style-type: none"> • C++ Compiler • JDK • JSDK(Free ware) • UML FRONT END <ul style="list-style-type: none"> • VB/VC++/D2K or Equivalent BACK END <ul style="list-style-type: none"> • Oracle 11G
		Dot Matrix Printer
		UPS
11.	40 IT 6P2 – Design Project 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"> • ASP • JSP • HTML • XML
		Dot Matrix Printer
		UPS
12.	40 IT 6P3 – Software Tools 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"> • WEKA • Matlab • Qual net • Rabid minor

S. No.	Name of the Laboratory	Name of the Equipment
		<ul style="list-style-type: none"> • Ns2 • Netsim
		Dot Matrix Printer
		UPS
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 Laboratory	Cotton Fibre Sorter
		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		

S. No.	Name of the Laboratory	Name of the Equipment
		Lab Thermo Hygrometer (Digital)
		Binocular Microscope Licenses
		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 thermohygro Meter
		Computer numerically Controlled Lab model ring spinning Machine
		Trash Analyser(Shifted from testing lab to Spinning lab)
		Hand stripper with handle
Oil Can		

S. No.	Name of the Laboratory	Name of the Equipment
		Carding can 24"x42"
		Sliver Lap machines Can 20"x42"
		1.Carding Gear Wheels, 2. Drawing gear wheels, 3.Simplex gear wheels
3	Fabric Manufacturing Laboratory	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
		Piano Card Cutting Machine
		Counting Glass
Digital Techo Meter		
Electronic Weighing Balance		
Double Jersey Rib		
Airjet Loom, Air Compressor & Drier		
4	Textile chemical processing Laboratory	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		

S. No.	Name of the Laboratory	Name of the Equipment
		Light fastness tester
		Laundrometer
		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)
		Vaccum 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 model 720 – M1-com pletest (Qty 10)

S. No.	Name of the Laboratory	Name of the Equipment
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 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
3.	Robotics Laboratory	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
		Stepper Motor Robot Trainer
		Educational Trainer robot with slides and grippers, Mechatronics software installation module grippers robot module.

S. No.	Name of the Laboratory	Name of the Equipment
		NI ELVIS Microcontroller Proto Type Board, NI 9205 Analog Input Module, 9263 Analog Output Module, 6401 Digital IO modul, 9211 Thermo couple module.
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, 1 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 Coreis –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, 1 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 geomeia - 01 user
		Archicad 13. Unlimited

S. No.	Name of the Laboratory	Name of the Equipment
3	Computer Aided Design Laboratory	EnviroTreat – 3User
		STRAP - 10user
		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
		LISCAD software 10 user license
7	Transportation Engineering Laboratory	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

S. No.	Name of the Laboratory	Name of the Equipment
10	Strength of Material Laboratory	Universal Testing Machine, Vickers Hardness testing Machine
		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" square monitor, 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 geomedia professional Ver 6.0-01 User, 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 - 04 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



S. No.	Name of the Laboratory	Name of the Equipment
		geomediaprofessionalVer6.0-01User,NISACIVIL- 05 Users , ArchiCadd - Multi user, Enviro Treat Ver 1.0- 03 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, Humam 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

S. No.	Name of the Laboratory	Name of the Equipment
		Refrigerated Centrifuge
9.	Genetic Engineering Laboratory	Gel documentation system, Biotech R&D Laboratories
		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
11.	Instrumentation Room	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
12.	Bioinformatics Laboratory	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

- 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
		Ultrasonic Atomiser
2	Synthesis Laboratory – II	Ball Mill
		Fume exhaust Hood Clean
		Muffle furnace
		Kanthal chamber type super temperature Furnace
		Heating Mandrel
		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	Mini model spray pyrolyser
		High pressure & high temperature hydrothermal autoclave
		Pilot model spray pyrolyser
		DC Sputtering
		Muffle Furnace
		Indigenous furnace
4	Characterization Laboratory – I	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
		Pellet Maker (2015)

S. No.	Name of the Laboratory	Name of the Equipment
		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
Dielectric Constant		

S. No.	Name of the Laboratory	Name of the Equipment
		Surface Tension
		Hysterisis 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
Zinc plate		

S. No.	Name of the Laboratory	Name of the Equipment
		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 Turbidity 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 Extractor apparatus
		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 Analyzer
		LE002 Hianaerobic System Mark II (Himedia)
		Cream Separator Apparatus
		Butter Churner
		Gerber Centrifuge
		Paddy Dehusker
		Hammer Mill
		Ball Mill
Almech Fluidized Bed dryer Apparatus		
6	Baking and confectionary Laboratory	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)
		<ul style="list-style-type: none"> • 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)



S. No.	Name of the Laboratory	Name of the Equipment
		<ul style="list-style-type: none"> Open JDK 11 Eclipse IDE DigiPro - Java Compiler
		Rational Suite Enterprise
		Printer-Laser/Dot Matrix
		UPS
6	60 AD 4P2 – Big Data Analytics 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)
		<ul style="list-style-type: none"> Open JDK 11 Eclipse IDE Hadoop Rapidminer
		Printer-Laser/Dot Matrix
		UPS
7	50 AD5P1 – Compiler Design 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/C++ Compiler
		Printer-Laser/Dot Matrix
		UPS
8	50AD5P2 – Machine Learning 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)
		<ul style="list-style-type: none"> Python 3.8 Anaconda Tensorflow
		Printer-Laser/Dot Matrix
		UPS
9	50AD6P1 – Data Science 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)
		<ul style="list-style-type: none"> Python 3.8 Anaconda

S. No.	Name of the Laboratory	Name of the Equipment
		<ul style="list-style-type: none"> Tensorflow R 4.1.1 R Studio
		Printer-Laser/Dot Matrix
		UPS
10	50 AD 6P2 – Big Data Frameworks 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)
		<ul style="list-style-type: none"> JDK 1.8 Hadoop 3.2 Eclipse IDE
		Printer-Laser/Dot Matrix
		UPS
11	50 AD 7P1 – Data Visualization 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)
		<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 i512 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 i512 th Generation, 2.50 GHZ, 8GB DDR4, 512 GB HDD, USB Keyboard, USB Optical Mouse, 19” WFHD Monitor)

S. No.	Name of the Laboratory	Name of the Equipment
		<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 i512 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

• **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, 1TB HDD, USB Keyboard, USB Optical Mouse, 18.5” LED Monitor)
		DigiPro - C Compiler
		Printer-Laser/Dot Matrix



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



S. No.	Name of the Laboratory	Name of the Equipment
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
		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)
		<ul style="list-style-type: none"> • Python 3.8 • Anaconda • Tensorflow • R Studio



S. No.	Name of the Laboratory	Name of the Equipment
		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)
		<ul style="list-style-type: none"> • 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
		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



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

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



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

S. No.	Name of the Laboratory	Name of the Equipment
		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
		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)
		Lenovo M91P Core I5/4 th Gen/500 GB HDD – 35 Nos
2.	Peripherals and Softwares	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.	Activity	Usage hrs/day	Facilities	No. of Students
1.	Plastic Awareness Camp	1	Audios, Costumes	3
2.	Blood Donation Camp	1	Audios, Costumes	7
3.	Dengue Awareness Camp	3hrs	Audios, Costumes	23
4.	Cancer Awareness Camp	1	Audios, Costumes	10
5.	Breast Cancer Awareness Camp	1	Audios, Costumes	30
6.	Meendum Manjappai Campaign Awareness Program	1	Audios, Costumes	6
7.	Awareness Program on world Tobacco day	1	Audios, Costumes	5



8.	Awariness Rally on “No more Plastic Bags and Pugai Illa Pogi”	3hrs	Audios, Costumes	12
9.	Cancer Awariness Marathon	4hrs	Audios, Costumes	1021

- **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:** http://ctcms.ksrct.net/Academic/Academic_Schedule.asp

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- **Academic Time Table with the name of the Faculty members handling the Course**
: Yes

Link: http://ctcms.ksrct.net/Academic/Academic_Schedule.asp

- **Computing Facilities**

- Internet Bandwidth : 440mbps
- Number and configuration of System : 2373
- Total number of system connected by LAN : 2373
- Total number of system connected by WAN : 2373
- Major software packages available : Yes
- Special purpose facilities available : Yes (NPTEL, QEEE, Digital Library, NMEICT, 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
6.	LINUX OPEN SOURCE SERVER
7.	WINDOWS XP
8.	WINDOWS 7
9.	AU POWER LAB
10.	PSIM



S. No.	Name of the Software
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
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.	ADOBE 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
79.	WEKA
80.	ECLIPSE
81.	APPLICATION SERVER
82.	ASP JSP HTML XML PHP WAMP SERVER XAMP SERVER AND IDE
83.	EDGE CAM 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.	WINSOFT 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



S. No.	Name of the Software
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
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