

K.S.R. COLLEGE OF ENGINEERING
(Autonomous)

TIRUCHENGODE, TAMIL NADU - 637 215

Mandatory Disclosure



**K.S.R. Kalvi Nagar,
Tiruchengode,
Namakkal District
Pin Code - 637 215**

1. Name of the Institution : **K.S.R. College of Engineering**

Address including Telephone : K.S.R. Kalvi Nagar
Tiruchengode – 637 215
Namakkal District
Tamil Nadu

Telephone : 04288 – 274741, 274213

Mobile No. : 9994595475

E-Mail : principal@ksrce.ac.in

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

Mr. R. Srinivasan

Chairman cum Managing Trustee
Aarthi Educational and Charitable Trust
Regd. Office : 5/492, K.S.R. Kalvi Nagar,
Kuchipalayam Post, Tiruchengode - 637 215
Namakkal (Dt.), Tamil Nadu.

Mobile No. : 9894955555

E-Mail : ksrsrini@gmail.com

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

Dr. P. Senthilkumar

M-243, Koottapalli Colony,
Corporation Park South Street
Tiruchengode - 637 214
Namakkal (Dt.), Tamil Nadu.

Mobile number : 9994595475

E-mail : principal@ksrce.ac.in

4. Name of the affiliating University : Anna University, Chennai – 600 025.

5. Governance:

Members of the Board and their brief background

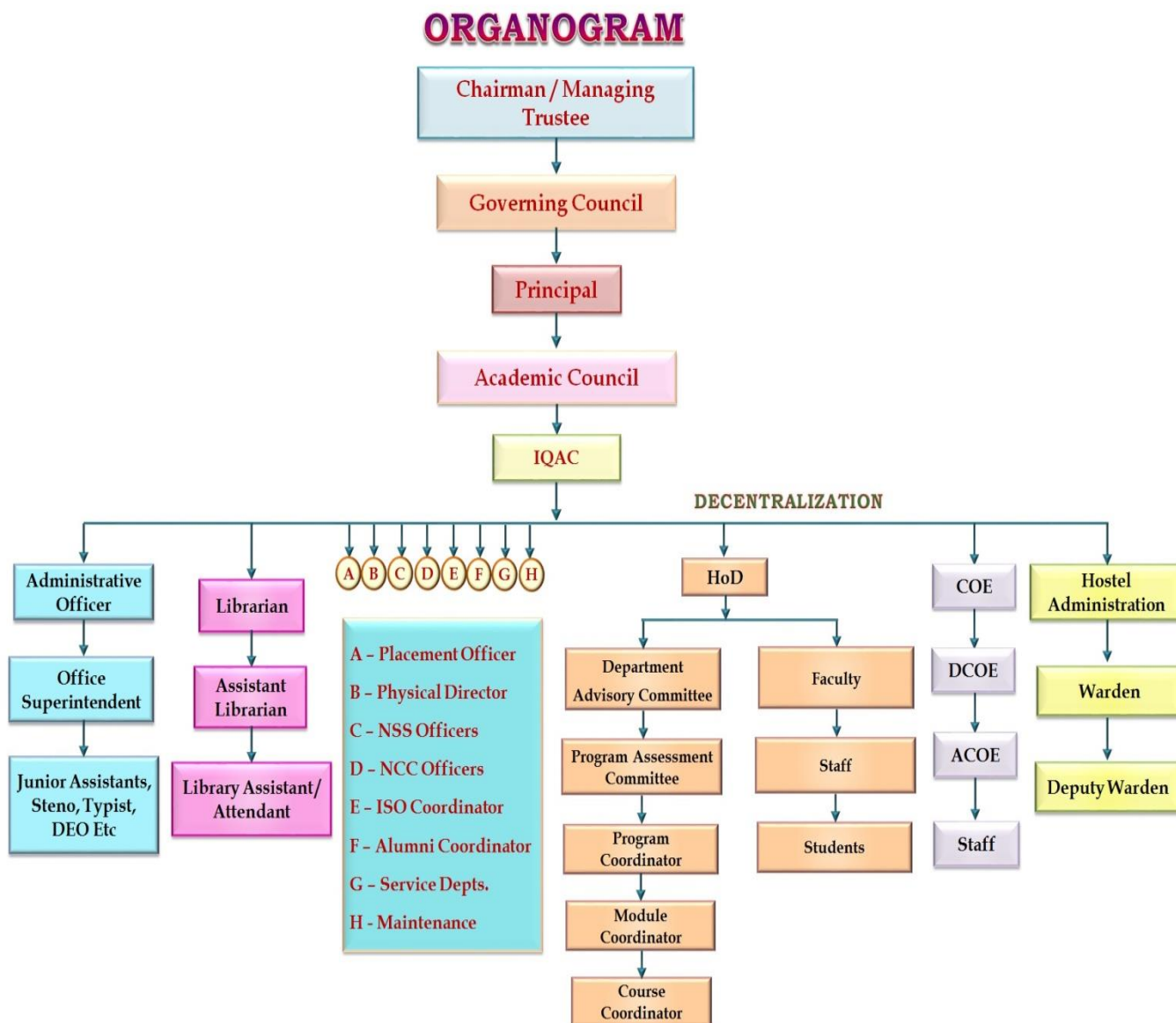
Sl. No.	Name Designation & Address	Position	Category
1.	Mr. R. Srinivasan Chairman and Managing Trustee, Aarthi Educational and Charitable Trust, Tiruchengode.	Chairman	Chairman and Managing Trustee, Aarthi Educational and Charitable Trust
2.	Mrs. Kavitha Srinivasan Member, Aarthi Educational and Charitable Trust, Tiruchengode.	Members	Managing Trustee/ Aarthi Educational and Charitable Trust
3.	Mr. K. S. Sachin Member, Aarthi Educational and Charitable Trust Tiruchengode.		
4.	Prof. Sachin Nilkanthrao Deshmukh Department of Computer Science and Information Technology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad – 413004.		UGC Nominee
5.	Dr.T.Senthilkumar Professor & Dean, Department of Automobile Engineering, University College of Engineering, BIT Campus, Anna University, Tiruchirappallai -620024.		University Nominee
6.	Dr.M.Shanthi Associate Professor, Department of ECE, Government College of Technology, Coimbatore-641013.		State Government Nominee
7.	Mr. Krithivasan ,S Lead - India Campus Hiring at Virtusa Chennai, Tamil Nadu, India.		Industrialist
8.	Dr. G. Singaravel Professor and Head, Department of IT, K.S.R. College of Engineering.		College Senior Faculty
9.	Dr. S.Ramesh Professor and Head, Department of EEE, K.S.R. College of Engineering.		
10.	Dr. P. Senthilkumar Principal, K.S.R. College of Engineering.	Member Secretary	Principal

Members of Academic Advisory Body

Sl.No.	Name & Address	Position	Category
1.	Dr. P.Senthilkumar Principal- KSRCE	Chairman	Head of the Institution
2.	Dr. R. Venkatachalam Professor and HoD-AUE, KSRCE	Members	BoS Chairman
3.	Dr. V. Revathi Professor and HoD -Civil,KSRCE		
4.	Dr. A. Rajivkannan Professor and HoD -CSE, KSRCE		
5.	Dr. C.Gowrishankar Professor and HoD -ECE, KSRCE		
6.	Dr. G. Singaravel Professor and HoD -IT, KSRCE		
7.	Dr. A.V. Balan Professor and HoD -Mech, KSRCE		
8.	Dr. M. Prabu Professor and HoD –Safety and Fire Engineering, KSRCE		
9.	Dr. N.S. Santhi Professor and HoD - MBA, KSRCE		
10.	Dr. P. Anitha Professor and HoD - MCA, KSRCE		
11.	Dr. R.V.M. Rangarajan Professor &Head - Maths, KSRCE		
12.	Dr.T. Kavitha Professor & Head - Physics, KSRCE		College Faculty
13.	Mr. R.Veerassamy Associate Professor and Head - Chemistry, KSRCE		
14.	Mr. R. Krishna Pradeep Assistant Professor & Head - English, KSRCE		
15.	Dr.S. Jayanthi Additional Director (Poly), Directorate of Technical Education (DoTE), Guindy,Chennai – 600 025.		
16.	Dr.P.K. Palani Principal, Alagappa Chettiar Government College of Engineering and Technology, Karaikudi-630003.		University Nominee
17.	Dr.R. Murugesan Principal, Government Engineering College (IRTT) Erode – 638316.		
18.	Dr. S. Esakkirajan Professor Department of Instrumentation and Control system Engineering PSG College of Technology , Avinasi Road, Peelamedu, Coimbatore-641 049.		External Academic Experts
19.	Dr.N.P. Subramaniam Associate Professor, Department of EEE, Puducherry Technological University, Pondicherry-605014.		
20.	Dr.R. Anurekha Associate Professor, Department of IT, Government Engineering College (IRTT), Erode -638316		
21.	Mr. M.Yogeekumar Team Lead – L & T Info Tech Chennai.		Industry Expert
22.	Dr. S. Ramesh Professor and HoD -EEE, KSRCE	Member Secretary	BoS Chairman

- **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.R. COLLEGE OF ENGINEERING, TIRUCHENGODE – 637215

(Autonomous)

Faculty Evaluation - Student Feedback

Academic Year : Semester :
Department : Subject Name :
Class : Staff Name :

Parameters	No. of entries in each category				Consolidated Feedback (10)
	Very Good	Good	Average	Improvement Needed	
Knowledge base of the faculty about course taught					
Communication Skills of the faculty (in terms of course delivery and making you understand the course)					
Sincerity/Commitment/Punctuality of the faculty					
Lesson planning and Execution					
Ability to integrate content with other courses/Other issues, to provide a broader perspective					
Accessibility of the teacher in and out of the class (Includes availability of the faculty for discussion outside class)					
Answering questions/clarifying doubts					
Amicability with Students					
Motivating/Counseling the student for their betterment					
Providing course materials and other technical details					
Aggregate Total					

Number of Feedback Received :

Signature of the Faculty

Signature of the HoD

Signature of the Principal

• **Grievance Redressal mechanism for Faculty, staff and students**

:

Yes

S. No.	NAME	POSITION
1.	Dr.P.Anitha	Professor &Head/ MCA, KSRCE
2.	Dr. N.S.Shanthi	Professor &Head /MBA, KSRCE
3.	Dr. C.Anand	Professor/CSE, KSRCE
4.	Dr.R.Mahendiran	Assistant Professor/ECE,KSRCE
5.	Dr.E.Baby Anitha	Associate Professor/CSE,KSRCE
6.	Dr.S.Nithyakalyani	Associate Professor/IT,KSRCE
7.	Mrs. K.Yamuna	Associate Professor /EEE,KSRCE
8.	Mr.A.Yoganathan	Assistant Professor/MCA,KSRCE

• Establishment of Anti Ragging Committee

: Yes

Sl.No.	Name		Department
1.	Dr. Senthil Kumar. P / PRINCIPAL		Head of Anti-Ragging Committee
2.	Mr. M.Bharathi Mohan / Inspector / 94878 55755		Police Administration
3.	Mrs. S. Malarvizhi / Sub Inspector / 94981 69063		Police Administration
4.	Mr. Veeramani / VAO, Thokkavadi / 63817 92981		Civil Administration
5.	Mr. Razul / Thinathanthi Paper / 94433 79018		Local media
6.	Mr.Veerasingam.R / HoD (Chemistry)		Chief faculty advisor - I Year
7.	Dr. Venkatachalam. R / HoD		AE
8.	Dr. G.Nallakumarasamy / Prof		AE
9.	Dr. Revathi.V / HoD		CE
10.	Dr. Rajiv Kannan.A / HoD		CSE
11.	Dr. Gowrishankar.C / HoD		ECE
12.	Dr. Ramesh.S / HoD		EEE
13.	Dr. Singaravel.G / HoD		IT
14.	Dr. Balan.A.V / HoD		ME
15.	Dr. Prabu.M / HoD		SFE
16.	Dr. Santhi. N.S / HoD		MBA
17.	Dr. Anitha. P / HoD		MCA
18.	Mr. Natarajan. M - Senior Assistant/Office		Students Section
19.	Mr.Alagesan.P Cell: 88705 45055 F/o. Balachander. A 112, Periyar colony, Thindal, Erode – 638 012.		Parent Member
20.	Mr. Balachander. A	76395 63321	IV Year AE
21.	Mr.Akashkumar.P.V	76678 76678	II Year AE
22.	Ms. Pooja.G	99526 68948	II Year CE
23.	Mr. Ravi Varma.S.V	63694 44317	IV Year CE
24.	Mr. Hariprasath.R	63828 64717	IV Year CSE
25.	Mr. Saran	93441 38456	IV Year ECE
26.	Mr. Kavin.D	97888 66000	IV Year EEE
27.	Mr. Kishore	90038 74110	IV Year IT
28.	Mr. Bharanidharan P	94870 89395	II Year ME
29.	Mr. Abish.M	93458 02023	II Year SFE

Establishment of Online Grievance Redressal Mechanism: Yes & www.ksrce.edugrievance.com

Establishment of Grievance Redressal Committee in the Institution

: Yes

Establishment of Internal Complaint Committee (ICC)

S. No.	NAME	POSITION
1.	Dr.P.Anitha	Professor &Head/ MCA, KSRCE
2.	Dr. N.S.Shanthi	Professor &Head /MBA, KSRCE
3.	Dr. C.Anand	Professor/CSE, KSRCE
4.	Dr.R.Mahendiran	Assistant Professor/ECE,KSRCE
5.	Dr.E.Baby Anitha	Associate Professor/CSE,KSRCE
6.	Dr.S.Nithyakalyani	Associate Professor/IT,KSRCE
7.	Mrs. K.Yamuna	Associate Professor /EEE,KSRCE
8.	Mr.A.Yoganathan	Assistant Professor/MCA,KSRCE

Establishment of Committee for SC/ ST	: Yes
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S.No	Department	Name	Designation
1	Mechanical Engineering	Dr. A.V. Balan	Professor
2	Mechanical Engineering	Dr. M. Bhuvaneshwaran	Assistant Professor
3	Safety and Fire Engineering	Mr. K.M. Raghu	Assistant Professor
4	Civil Engineering	Dr. M. Gunasekaran	Associate Professor
5	Electrical and Electronics Engineering	Dr. C.Gowrishankar	Professor & Head
6	Mechanical Engineering	Mr. J. Venkatesh	Assistant Professor

- Internal Quality Assurance Cell**

: Yes

S. No.	Composition of IQAC Members	Name	Designation
1.	Chair Person	Dr. P. Senthilkumar	Principal K.S.R. College of Engineering
2.	Teachers	Dr. K.Lakshmi	Professor / EEE
		Dr. M. Prabu	HoD / SFE
		Dr. E.Vani	ASP / EEE
		Dr. C.Anand	Professor / CSE
		Dr. D.Gowrishankar	AP / English
		Mr. R. Veeramani	ASP / ECE
		Dr. P. Sudha	Professor / civil
3.	Management Member	Dr. P. Kulandaivel	Principal K.S.R.I.T
4.	Senior Administrative Officer	Mr. K. Venkatachalam	Administrative Officer
5.	One Nominee each from local Society/Trust, Students and Alumni	Mr. R. Srinivisan	Chairman cum Managing Trustee
		Mr. S. Sohail Ahmed, II - IT	Student
		Ms. V. Mohanapriya, BNP Paribas, Chennai.	Alumni

6.	One Nominees each from Employers / Industrialists / Stakeholders	Mr. Keerthivasan Sivaramakrishnan HR-Virtusa Consulting Service Pvt. Ltd., Chennai.	Employer
		Dr. M. Saminathan Proprietor Muthuram Laboratories Erode – 638 004.	Industrialists
		Mr. K.N. Prabhakar SP Mani & Mohan Dairy India Pvt. Ltd., Erode – 638 104.	Stakeholder
7.	IQAC Coordinator	Dr. R.V.M. Rangarajan, HoD / MATHS	Convener

6. Programmes

•Name of Programmes approved by AICTE

Under Graduate Programmes:

S.No.	Programme Name
1.	B.E. Automobile Engineering
2.	B.E. Civil Engineering
3.	B.E. Computer Science and Engineering
4.	B.E. Electrical and Electronics Engineering
5.	B.E. Electronics and Communication Engineering
6.	B.Tech. Information Technology
7.	B.E. Mechanical Engineering
8.	B.E. Safety and Fire Engineering

Post Graduate Programmes:

S.No.	Programme Name
1.	Master of Business Administration (MBA)
2.	Master of Computer Applications (MCA)
3.	M.E. Construction Engineering and Management
4.	M.E. Structural Engineering
5.	M.E. Computer Science and Engineering
6.	M.E. Power Electronics and Drives
7.	M.E. Communication Systems
8.	M.E. Industrial Safety Engineering
9.	M.Tech. Information Technology

NBA Accreditation Status		
1.	Name/ List of Programmes/ Courses Accredited	list of NBA accredited programmes/ courses may be shown with Accreditation letters/ duration of accreditation (3 year/ 6year).
2.	Applied for Accreditation	List to be shown accredited 4 Dept.
	A. Applied but Visit not happened	
	B. Visit happened but result awaited	
3.	List of programmes/ courses Not Applied	List of programmes/ courses may be shown

NAAC Accreditation Status		
1.	Accredited	Accreditation grade may be shown
2.	Applied for Accreditation	
	A. Applied but Visit not happened	NAAC VISIT SCHEDULED ON 11.01.2023 TO 12.01.2023
	B. Visit happened but result awaited	
3.	Not Applied	

For each Programme the following details are to be given:

List of Companies Visited and Students Placed Details for last 6 years

S.No	Particulars	2022 - 2023	2021 - 2022	2020 - 2021	2019 - 2020	2018 - 2019	2017 - 2018
1	No. Of Students For Placement Eligible	535	435	668	753	1006	1088
2	No. of Companies Visited	54	117	115	144	153	165
3	No. of Students Placed	186	341	518	582	774	834
4	No. of Companies Visited in On Campus	46	81	90	78	76	33
5	No. of Students Placed in On Campus	156	256	427	393	306	288
6	No. of Companies Visited in Off Campus	8	35	25	66	77	124
7	No. of Students Placed in Off Campus	30	85	91	189	468	546
8	Average Salary in lakhs per annum	4.09	2.82	2.40	2.38	2.03	2.00
9	Maximum Salary in lakhs per annum	7.50 (Mr COOPER)	10.00 (BYJUS)	10.00 (BYJUS)	5.20 (CODINGMART)	5.04 (CODINGMART)	4.50 (VURAM)

7.Fee

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

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 all inclusive annual fee including various fees like tuition fee, Admission fee, Special fee. Laboratory / Computer / Internet Fee, Library, Sports Fee, Placement and Training Fee, Maintenance and Amenities Fees, Extra –Curricular activities fees and other Recurring expenditure.
		Accredited Courses	55,000 / Annum	
2	M.E / M.Tech.	Non-Accredited Courses	25,000 / Semester	
		Accredited Courses	30,000 / Semester	
3	MBA	Non-Accredited Courses	17,500 / Semester	
		Accredited Courses	20,500 / Semester	

- Time schedule for payment of fee for the entire programme: Every Semester
- No. of Fee waivers granted with amount and name of students
No. of Fee waivers granted with amount and name of students
- Number of scholarship offered by the Institution, duration and amount
- Criteria for fee waivers/scholarship

CATEGORY	2017-18		2018-19		2019-20		2020-21	
	Total Nos.	Amount	Amount	Total Nos.	Total Nos.	Amount	Total Nos.	Amount
District Backward Class Scholarship (BC/M BC)	1795	10901495	1795	10901495	1076	62,22,445	894	43,35,975
Department of Minority welfare (BCM)	2	50000	2	50000	14	24,625	9	43,900
District Adi-Dravidar Welfare Officer (SC)	163	1387025	163	1387025	78	46,92,200	89	51,22,917
District Adi-Dravidar Welfare Officer (SC & ST Tuition Fee Amount)	163	7405900	163	7405900	3	1,72,550	4	2,51,850
Private Jindal Trust & Other Scholarship	-	-	-	-	-	-	1	1,2000
TOTAL	2123	19744420	2123	19744420	1171	11111820	997	9766642

- Estimated cost of boarding and Lodging in Hostels

S.No.	Particulars	Fee	
		Boys Hostel	Girls Hostel
1	Hostel Fees	22,400	22,400
2	Mess Fees	35,000	32,000
Total		57,400	54,400

8.Admission

Number of seats sanctioned with the year of approval

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

S.No	Programme Name	Intake
1.	B.E. Automobile Engineering	30
2.	B.E. Civil Engineering	30
3.	B.E. Computer Science and Engineering	120
4.	B.E. Electronics and Communication Engineering	90
5.	B.E. Electrical and Electronics Engineering	60
6.	B.TECH. Information Technology	60
7.	B.E. Mechanical Engineering	60
8.	B.E. Safety and Fire Engineering	30
Total		480

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

S.No	Programme Name	Intake
1.	Master of Business Administration (MBA)	60
2.	Master of Computer Applications (MCA)	60
3.	M.E. Construction Engineering and Management	12
4.	M.E. Structural Engineering	18
5.	M.E. Computer Science and Engineering	6
6.	M.E. Power Electronics and Drives	6
7.	M.E. Communication Systems	6
8.	M.E. Industrial Safety Engineering	18
9.	M.Tech. Information Technology	6
Total		192

No. of Students admitted under various categories each year in the last three years

Under Graduate (First Year):

S. No.	Academic year	Category wise No. of Students Admitted							
		OC	BCM	BC	MBC	SCA	SC	ST	Total
1.	2021-22	9	9	222	142	11	24	2	419
2.	2020-21	6	4	191	138	13	17	0	369
3.	2019-20	5	9	222	132	14	12	0	394

Under Graduate (Lateral Entry):

S. No.	Academic year	Category wise No. of Students Admitted							
		OC	BCM	BC	MBC	SCA	SC	ST	Total
1	2021-22	5	6	159	87	8	16	1	282
2	2020-21	3	2	41	36	0	7	0	89
3	2019-20	10	2	86	59	7	7	0	171

Post Graduate:

S. No.	Academic year	Category wise No. of Students Admitted							
		OC	BCM	BC	MBC	SCA	SC	ST	Total
1.	2021-22	3	2	122	51	-	11	2	191
2.	2020-21	6	1	74	30	1	8	0	120
3.	2019-20	7	4	91	50	2	5	0	159

No of applications received during last two years for admission under management quota and number admitted

S. No.	Year / Branch	2021-22		2020-21	
		App. Received	Admitted	App. Received	Admitted
1.	B.E. (AE)	3	3	6	6
2.	B.E. (CE)	6	6	5	5
3.	B.E. (CSE)	46	46	59	59
4.	B.E. (EEE)	19	19	6	6
5.	B.E. (ECE)	40	40	5	5
6.	B.Tech. (IT)	24	24	27	27
7.	B.E. (ME)	9	9	5	5
8.	B.E. (SFE)	1	1	5	5
9.	MBA	55	55	15	15
10.	MCA	53	53	15	15
11.	M.E. (CEM)	12	12	9	9
12.	M.E. (SE)	18	18	11	11
13.	M.E. (CSE)	6	6	5	5
14.	M.E. (PED)	5	5	5	5
15.	M.E. (CS)	6	6	3	3
16.	M.Tech. (IT)	6	6	2	2
17.	M.E. (ISE)	18	18	12	12
Total		327	327	195	195

9.Admission Procedure

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

- **Admission Test being followed** : **Consortium**
- **Test Agency Name & Address** : Association of Management Coimbatore,
Anna University Affiliated Colleges,
Site No:18, SF No.586,
1st Part, SS Avenue, (Behind Millennium Motors)
Avinashi Road,
Coimbatore 641 014.

Web URL : <https://www.coimbatoreassociation.com/>

- **Number of Seats Allotted to test qualified candidates in Association Conducted Test** : 35% of the sanctioned Intake

- **Calendar for Admission against Management seats:**

Under Graduate:

1. Commencement of Issue of Application Forms : 17-08-2022
2. Last date for the submission of filled in Application Forms : 21-09-2022
3. Publication of Rank List : 30-09-2022

Post Graduate:

1. Commencement of Issue of Application Forms : 16-08-2022
2. Last date for the submission of filled in Application Forms : 21-09-2022
3. Issue of Hall Tickets : 22-09-2022
4. Date of MBA/MCA Common Entrance Test : 01-10-2022
5. Date of M.E./M.Tech. Common Entrance Test : 02-10-2022
6. Publication of Result : 19-10-2022

Qualifying Examinations and Eligibility

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

Students are admitted into various B.E. / B.Tech. Degree Programmes as per the norms of the norms of the Government of Tamil Nadu Engineering Admissions (TNEA).

Government Quota : 65% of the sanctioned Strength

Management Quota : 35% of the sanctioned Strength

Mention the minimum level of acceptance, if any

A Pass in the HSC (Academic) or its equivalent with a minimum average percentage in Mathematics, Physics and Chemistry put together as given below.

S.No.	Community	A Pass with Minimum average marks in Mathematics, Physics and Chemistry put together
1.	General category	45.00%
2.	Backward class	40.00%
3.	MBC&DNC	40.00%
4.	SC/ST	35.00%

A pass in any one of the HSC (Vocational Subject) with any one of the Engineering related subjects namely its Mathematics, Physics or Chemistry with a minimum average percentage put together 50%, 45%, 40%, 40% for OC / BC, MBC, DNC, SC/ST.

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

Allocation of Seats

Reservation of seats for various categories as per the norms of Government of Tamil Nadu is given in the table below.

Rule of Reservation	
Open Category	31.00%
Backward Class	26.50%
Backward Class Muslim	3.50%
Most Backward Class (Vanniyar)	10.50%
Most Backward Class & Denotified Communities	7.00%
Most Backward Class	2.50%
Scheduled Caste	15.00%
Scheduled Caste (Arunthathiyars)	3.00%
Scheduled Tribes	1.00%
TOTAL	100.00%

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

10. Results of Admission Under Management seats/Vacant seats Composition of selection team for admission under Management Quota with the brief profile of members (This information be made available in the public domain after the admission process is over)

Score of the individual candidate admitted arranged in order of merit

- List of candidate who have been offered admission
- Waiting list of the candidate in order of merit to be operative from the last date of joining of the first list candidate

List of the candidate who joined within the date, vacancy position in each category before operation of waiting list

11.a. Information of Infrastructure and Other Resources Available

S.No.	Block	Class Rooms		Labs		Seminar / Drawing		Tutorial Rooms		Total Built-up Area in Sq. ft.
		No.	Area in Sq. m.	No	Area in Sq. m.	No	Area in Sq. m.	No	Area in Sq. m.	
1.	A Block	17	1260	28	2064	1	154	5	372	3850
2.	B Block	10	957	14	1134	1	211	4	197	2499
3.	C Block	06	511	3	308	2	286	2	66	1171
4.	D Block	18	1610	32	2804	3	709	6	374	5497
5.	F Block	22	2410	13	899	2	280	3	336	3925
6.	Library Block	-	-	-	-	-	-	-	-	13078
7.	Principal Quarters	-	-	-	-	-	-	-	-	1615
8.	Guest House	-	-	-	-	-	-	-	-	5339
9.	Sports Club & Gymnasium	-	-	-	-	-	-	-	-	2691
10.	Auditorium	-	-	-	-	-	-	-	-	12271
11.	Cafeteria	-	-	-	-	-	-	-	-	1615
12.	Boys' Hostel	-	-	-	-	-	-	-	-	57641
13.	Girls' Hostel	-	-	-	-	-	-	-	-	62162
14.	Power House	-	-	-	-	-	-	-	-	4000
15.	Stationery Store	-	-	-	-	-	-	-	-	840
16.	Parking	-	-	-	-	-	-	-	-	1500
TOTAL		73	6748	90	7209	9	1640	20	1345	179886

- Fire and Safety Certificate

**TAMIL NADU FIRE & RESCUE SERVICE
FIRE LICENCE**

Under section 13 of the Tamil Nadu Fire Service Act No.40 of 1985 and with Tamil Nadu Fire Service Rules 1990 – Appendix - III

L.Dis No. 1782/A/2022

Date: 15.03.2022.

Ref.No. 1. Your Letter RefNo.KSR-CE/13.14/FIRE/2021-22 Dated : 03.03.2022

2. Assist. District Officer Inspection Report Rc.No.132/2022 Dated. 15.03.2022.

License is hereby granted under section 13 of the Tamil Nadu Fire Service Act 1985 to run College of Engineering within the jurisdiction of Thokavadi at the Premises **M/s. K.S.R College of Engineering**, S.F.No.209/1, Thokavadi Village, Tiruchengode Taluk, Namakkal District. Subject to the conditions noted thereon and such other conditions as may be prescribed. This License is Valid for One Year.

Condition:

1. All fire and life safety measures should be provided as per National Building Code of India.
- (Office Seal)



CB. [Signature] 15.3.2022
District Officer,
Fire & Rescue Services,
Namakkal District
[Signature]
15/03/22

- **Hostel Facilities**

- Exclusive uninterrupted study room for students after college hours
- Uninterrupted power supply , separate Generator for Students
- Medical facility available with free medicines provided to sick students
- Cafeteria and Juice center available for students after college hours
- Indoor and Outdoor Games facility
- Laundry and Ironing facility available
- Free Computer Lab facilities available after the class hours.

- **Laboratory infrastructure**

- **Academic Purpose :**

S .No.	Name of the Department	Name of the Lab	Block	No. Of Systems	No. Of Printers
1.	AUTOMOBILE	AUTOMOBILE LAB	E BLOCK	17	4
2.	Civil	CADD LAB	B BLOCK	74	2
3.	CSE	CSELAB-1	A BLOCK	72	3
		CSELAB-2		-	
		CSELAB-3	B BLOCK	100	
		CSE LAB-4	C BLOCK	100	2
		CSE LAB-5		60	2
4.	EEE	COMPUTER LAB	A BLOCK	38	6
		EMBEDDED LAB		25	
		LIBRARY		3	
5.	ECE	DSP LAB	A BLOCK	38	4
		VLSI LAB		37	
		PROJECT LABORATORY		25	
6.	IT	IT LAB	F BLOCK	60	06
7.	MECH	CADD LAB	D BLOCK	120	3
		CAM		30	
		MECHATRONICS		17	
8.	SFE	ISE LAB	D BLOCK	2	-
9.	MBA	MBA LAB	D BLOCK	117	2
10.	ENGLISH	ENGLISH LAB	A BLOCK	67	2
11.	NET LAB	NET LAB	C BLOCK	100	-
12.	LIBRARY	LIBRARY	C BLOCK	37	8
TOTAL				1139	44

- **Administrative Purpose :**

S .No.	Name of the Department	Name of the Lab	Block	No. Of Systems	No. Of Printers
1.	Civil	Civil	B LOCK	5	2
2.	CSE	CSE	F BLOCK	72	3
3.	ECE	ECE	A BLOCK	8	4
4.	EEE	EEE	A BLOCK	3	2
5.	IT	IT	D BLOCK	3	2
6.	MECH	MECH	D BLOCK	11	4
7.	SFE	SFE	D BLOCK	3	1
8.	MBA	MBA	D BLOCK	3	1
9.	T&P	T&P	D BLOCK	8	3
10.	AUTONOMOUS	AUTONOMOUS	D BLOCK	15	12
11.	COE	COE	A BLOCK	12	5
12.	S&H	S&H	A BLOCK	4	4
13.	OFFICE	OFFICE	A BLOCK	8	7
14.	AO OFFICE	AO OFFICE	A BLOCK	2	1

- **Total number of Systems :**

S .No.	Details	No. Of Systems	No. Of Printers
1.	Academic Purpose	1139	44
2.	Administrative Purpose	157	51
TOTAL		1296	95

- **11.b.Library**

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

S No.	Name of the Department	Books		Journals		Magazines		e-Journals
		Volumes	Titles	N	IN	N	IN	
	UG Programme							
1	BE - AUTO	2842	1025	6	6	1	-	25
2	BE - CIVIL	6724	1397	9	8	3	-	476
3	BE - CSE	8787	3256	9	7	3	-	784
4	BE ECE	8695	2605	9	7	2	-	752
5	BE - EEE	5703	1302	9	7	1	-	711
6	BE - IT	3095	1552	9	7		-	443
7	BE - MECH	5522	1344	9	7	3	-	316
8	BE - SFE	964	293	6	6	1	-	52
9	S & H	9831	4663	6		6	-	1592

PG Programme								
1	ME - ST	1312	547	5	5	-	-	-
2	ME - CE	1249	488	5	5	-	-	-
3	ME - CSE	1568	830	5	5	-	-	-
4	ME - CS	1425	650	5	5	-	-	-
5	ME - PED	1437	770	5	5	-	-	-
6	M Tch IT	1347	630	5	5	-	-	-
7	ME - ISE	1219	690	5	5	-	-	-
8	MCA	12157	5555	12	12	-	-	572
9	MBA	7183	3460	12	12	3	3	1271
TOTAL		81060	31057	131	114	23	3	6994

e-Books		
S. No.	Category	Count
1	EBSCO Engineering Core	5800
2	World e-Book Library	40000
e-Books		45800

List of Online National / International Journals Subscribed		
S. No.	Category	Count
1	IEEE ASPP (All Society Periodicals)	169
2	ASCE (American Society of Civil Engineers)	33
3	Springer Link	457
4	Proquest	105
5	N-LIST (INFLIBNET)	6230
List of Online National / International Journals Subscribed		6994

Laboratory and Workshop

- List of Major Equipment/Facilities in each Laboratory/ Workshop
- List of Experimental Setup in each Laboratory/ Workshop
- Department : Automobile Engineering

Computer Aided Drawing Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Pentium IV computer or better hardware, with suitable graphics facility	30Nos
2.	Licensed software for drafting and modeling	15Nos
3.	Laser printer or plotter to print /plot drawings	2Nos

Automotive Fuels And Lubricants Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Flash and fire point apparatus	1 No.
2.	Aniline point apparatus	1 No.
3.	Reid vapor pressure test apparatus	1 No.
4.	Bomb calorimeter	1 No.
5.	Boys gas calorimeter	1 No.
6.	Cloud and pour point apparatus	1 No.
7.	Copper strip corrosion apparatus	1 No.
8.	Redwood viscometer	1 No.
9.	Saybolt viscometer	1 No.
10.	ASTM distillation test apparatus	1 No.
11.	Drop point penetration apparatus for grease	1 No.
12.	Penetration apparatus for grease	1 No.

Automotive Electrical And Electronics System Laboratory

S.No.	Name of the Equipment	Quantity Available
1	Battery, hydrometer, voltage tester	1 No. each
2	Starter motor, regulator, cut-out	1 No. each
3	Distributor, ignition coil, spark plug	1 No. each
4	Auto electrical wiring system	1 No.
5	Rectifiers, filters	1 No. each
6	Amplifier	1 No.
7	IC timer	1 No.
8	8085 trainer kit	1 No.
9	ADC interface board	1 No.
10	DAC interface board	1 No.

Automotive Chassis and Engine Components Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Multi-cylinder petrol engine	2Nos.
2.	Multi-cylinder diesel engine	2Nos.
3.	Petrol engine fuel system	1No.
4.	Diesel engine fuel system	1No.
5.	Heavy duty vehicle chassis frame	1No.
6.	Light duty vehicle chassis frame	1No.
7.	Front axle	2Nos.
8.	Rear axle	2Nos.
9.	Differential	2Nos.
10.	Clutch and gear box(light duty, heavy duty)	2Nos.
11.	Steering systems with different gear boxes	4Nos.

Automotive Components Modeling Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Pentium IV computer or better hardware, with suitable graphics facility	30Nos
2.	Licensed software for drafting and modeling	15Nos
3.	Laser printer or plotter to print / plot drawings	2Nos

Automotive Electrical And Electronics Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Battery, hydrometer, voltage tester	1 No. each
2.	Starter motor, Alternator	1 No. each
3.	Distributor, ignition coil, spark plug	1 No. each
4.	Auto electrical wiring system	1 No.
5.	Rectifiers, filters	1 No. each
6.	Amplifier	1 No.
7.	IC timer	1 No.
8.	8085 trainer kit	1 No.
9.	ADC interface board	1 No.
10.	DAC interface board	1 No.

Automotive Electronics and Microprocessor Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Voltmeters	5Nos.
2.	Ammeters	5Nos.
3.	PN diode, BJT,JFET, Logic gates, shift registers and counters	1set.
4.	Digital logic trainer kits	1No.
5.	Breadboards	1No.
6.	Microprocessor kits-8085	5Nos.
7.	Stepper motor interface	1No.
8.	CRO	1No.
9.	Signal/Wave form generator	1No.
10.	Multimeter	1No.

Engine Performance and Emission Testing Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Hydraulic dynamometer	1 No.
2.	Eddy current dynamometer	1 No.
3.	Electrical dynamometer	1 No.
4.	Single cylinder two stroke cut section engine	1 No.
5.	Single cylinder four stroke cut section engine	1 No.
6.	Two-wheeler engine test rig	1 No.
7.	Automotive multi-cylinder SI engine test rig with heat balance arrangement	1 No.
8.	Automotive multi-cylinder CI engine test rig with heat balance arrangement	1 No.
9.	Emission Measuring Instruments for Petrol & Diesel Engines	1 No. each
10.	Piezo – Electric pick up, Charge Amplifier, Angle Encoder and PC	1 Set

Computer Aided Chassis And Engine Design Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Pentium IV computer or better hardware, with suitable graphics facility	30Nos
2.	Licensed software for drafting and modeling	15Nos
3.	Laser printer or plotter to print / plot drawings	2Nos

Design And Analysis Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Pentium IV computer or better hardware, with suitable graphics facility	30Nos
2.	Licensed software for modeling and analyzing	15Nos
3.	Laser printer or plotter to print / plot drawings	2Nos

Vehicle Dynamics Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Pentium IV computer or better hardware, with suitable graphics facility	30Nos
2.	Licensed software for modeling and analysing	15Nos
3.	Laser printer or plotter to print / plot drawings	2Nos

Vehicle Maintenance and Reconditioning Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Cylinder compression pressure gauge	1 No.
2.	Vacuum gauge	1 No.
3.	Spark plug cleaner and tester	1 No.
4.	Cam angle and rpm tester	1 No.
5.	Tachometer	1 No.
6.	Engine analyzer	1 No.
7.	HRD tester, clamp on meter and hydrometer	1 No. each
8.	Spanner set, screw driver and tools	1 Set.
9.	Head light beam alignment gauge	1 No.
10.	Tyre remover	1 No.
11.	Car wheel balancer	1 No
12.	Wheel alignment apparatus	1 No.
13.	Valve lapping stick with seat cutter	1 No.
14.	Valve grinding machine	1 No.
15.	Cylinder reboring machine	1 No.
16.	Fuel injection calibration test bench with nozzle tester	1 No.

- **Department : Civil Engineering**

Engineering Graphics Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Pentium IV Computer or Better Hardware, with Suitable Graphics Facility	75 Nos.
2.	Licensed Software for Drafting and Modeling	30 licenses
3.	Laser Printer or Plotter to print / plot drawings	2 No.

Computer Aided Building Drawing Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Pentium IV Computer or Better Hardware, with Suitable Graphics Facility	75 Nos.
2.	Licensed Software for Drafting and Modeling	30 licenses
3.	Laser Printer or Plotter to print / plot drawings	2 No.

Materials Testing Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	UTM of Minimum 400 kN capacity	1
2.	Digital Hydraulic Compression Testing m/c of 200 ton with two load gauges	1
3.	Torsion Testing Machine for Steel Rods	1
4.	Izod Impact Testing Machine	1
5.	Hardness Testing Machine Rockwell Vicker's (any 2) Brinell	1 each
6.	Spring Testing Machine	1
7.	Beam Deflection Test Apparatus	1
8.	Extensometer	1
9.	Compressometer	1
10.	Dial Gauges	4
11.	Vicat apparatus	2
12.	Le-Chatelier apparatus	1

Survey Practical

S.No.	Name of the Equipment	Quantity Available
1.	Total Station	3 Nos.
2.	Theodolite	15 Nos.
3.	Dumpy level	10 Nos.
4.	Plain table	10 Nos.
5.	Prismatic Compass	10 Nos.
6.	Ranging Rods	100 Nos.
7.	Leveling Staff	15 Nos.
8.	Cross Staff	15 Nos.
9.	Chains	15 Nos.
10.	Tapes	53 Nos.
11.	Arrows	80 Nos.

Soil Mechanics Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Sieves	2 sets
2.	Hydrometer	2 sets
3.	Liquid and plastic limit apparatus	2 sets
4.	Shrinkage limit apparatus	3 sets
5.	Proctor compaction apparatus	2 sets
6.	UTM of minimum of 20KN capacity	1No.
7.	Direct shear apparatus	1No.
8.	Thermometer	2 Nos.
9.	Field Density Measuring Device	2 Nos.
10.	Triaxial Shear Apparatus	1 No.
11.	Three gang Consolidation Test Device	1 No.

Highway Engineering Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Sieves	2 sets
2.	Pyconometer	3 Nos.
3.	Aggregate crushing testing apparatus	1No.
4.	Aggregate impact testing machine	1No.
5.	Los angels abrasion machine	1No.
6.	Thickness gauge, length gauge	1No.
7.	Bitumen penetrometer	1No.
8.	Ring and ball apparatus	1No.
9.	Bitumen viscometer	1No.
10.	Ductility testing machine	1No.
11.	Centrifugal extractor	1No.
12.	Marshall stability apparatus	1No.

Fluid Mechanics and Machinery Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Bernoulli's theorem – Verification Apparatus	1No.
2.	Calculation of Metacentric height water tank Ship model with accessories	1No. 1No.
3.	Measurement of velocity Pitot tube assembly	1No.
4.	Flow measurement open channel flow (i) Channel with provision for fixing notches (rectangular, triangular & trapezoidal forms) (ii) Flume assembly with provisions for conducting experiments on Hydraulic jumps, generation of surges etc.	1 Unit 1 Unit
5.	Flow measurement in pipes (i) Venturimeter, U tube manometer fixtures like Valves, collecting tank. (ii) Orifice meter, with all necessary fittings in pipe lines of different diameters. (iii) Calibration of flow through orifice tank with Provisions for fixing orifices of different shapes, collecting tank (iv) Calibration of flow through mouth piece Tank with provisions for fixing mouth pieces Viz external mouth pieces & internal mouth piece Borda's mouth piece	1 Unit 1 Unit 1 Unit 1 Unit
6.	Losses in Pipes Major loss – Friction loss Pipe lengths (min. 3m) of different diameters with Valves and pressure rapping &collecting tank Minor Losses - Pipe line assembly with provisions for having Sudden contractions in diameter, expansions Bends, elbow fitting, etc.	1 Unit 1 Unit
7.	Pumps (i) Centrifugal pump assembly with accessories (single stage) (ii) Centrifugal pump assembly with accessories(multi stage) (iii) Reciprocating pump assembly with accessories (iv) Deep well pump assembly set with accessories	1 Unit 1 Unit 1 Unit 1 Unit
8.	Turbine (i) Impulse turbine assembly with fittings & accessories (ii) Francis turbine assembly with fittings & accessories (iii)Kaplan turbine assembly with fittings & accessories	1 Unit 1 Unit 1 Unit

Concrete Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Slump cone apparatus	3
2.	Flow table apparatus	2
3.	Compaction factor apparatus	1
4.	Vee-Bee consistometer	1
5.	UTM– 600KNcapacity	1
6.	CTM – 3000 KN capacity	1
7.	Volume change apparatus	1

8.	Rebound hammer	1
9.	Ultrasonic Pulse velocity tester	1
10.	Concrete cube moulds	10
11.	Concrete cylinder moulds	6
12.	Concrete Prism moulds	6
13.	Concrete mixer	1
14.	Vibrator	1

Environmental Engineering Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	P ^H meter	1No.
2.	Turbidity meter	1No.
3.	Conductivity meter	1No.
4.	Refrigerator	1No.
5.	BOD incubator	1No.
6.	Muffle furnace	1No.
7.	Hot air oven	1No.
8.	Magnetic stirrer with hot plates	8 Nos.
9.	Desicator	1No.
10.	Jar test apparatus	1No.
11.	Water bath	1No.
12.	Furniture	1No.
13.	Glass waves / Crucibles	1No.
14.	COD apparatus	1No.
15.	Kjeldane apparatus	1No.
16.	Heating mantles	10 Nos.
17.	Calorimeter	1No.
18.	Chlorine comparator	1No.
19.	Furniture : Work table	10 Nos.
20.	Beaker	35 Nos.
21.	Standard flask	35 Nos.
22.	Burette with stand	20 Nos.
23.	Pipette	20 Nos.
24.	Filtration assembly	1 No.
25.	Chemicals	50 Nos.

Structural Design and Detailing Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Models of Structures	1 each
2.	Computers Pentium IV	75 Nos.
3.	Analysis and Design Software- Minimum 5 user License	11 Nos.
4.	Auto CAD Software - Multi user License	30 Nos.

Computer Methods for Planning and Quantification Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Models of Structures	1 each
2.	Computers Pentium IV	75 Nos.
3.	Analysis and Design Software- Minimum 5 user License	11 Nos.
4.	Auto CAD Software - Multi user License	30 Nos.

- Department :Computer Science and Engineering
Problem Solving Techniques Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Computer	33
2.	Printer	3
3.	Windows Operating System	33
4.	CCompiler	33
5.	Officesuite Application package	33

C Programming Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Computer	33
2.	Printer	3
3.	Windows/UnixClone Operating System	33
4.	Codeblocks	33

Digital Systems Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Digital Trainer Kit IC7447 IC74180 IC7476 IC7474 IC74151 IC7486IC7485IC7483IC7432IC7411IC7408IC7404IC7402and Computer withHDLSoftware	33

Data Structures Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Computer	32
2.	Printer	3
3.	Windows Operating System	32
4.	C Compiler	32

Python Programming Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Computer	32
2.	Printer	3
3.	Windows Operating System	32
4.	Python3.7.1	32
5.	MySQL	32

Java Programming Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Computer	36
2.	Printer	3
3.	Windows Operating S ystem	36
4.	JDK1.6	36

Operating Systems Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Computer	36
2.	Printer	3
3.	Linux Operating System	36
4.	GCC Compiler	36

Microprocessors and Microcontrollers Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	8085 8086 8051trainer kitand82558259 82798251andadc Interface kit	33

Open Source and Web Programming Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Computer	32
2.	Printer	3
3.	Windows Operating System	32
4.	Open Source XAMPP	32
5.	Python2.7	32

Computer Networks Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Computer	36
2.	Printer	3
3.	Windows Operating System	36
4.	JDK1.6	36
5.	NS2	36

Graphics and Multimedia Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Computer with Windows Operating system	36
2.	Printer	3
3.	AdobePhotoshop7.0	36
4.	AdobePremiere6.5	36
5.	AdobeDreamWeaverCS6	36
6.	Macromedia Flash MX	36
7.	Audacity	36

.Net Framework Technologies Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Computer	36
2.	Printer	3
3.	Windows/Linux Operating System	36
4.	MicrosoftVisualStudio2008	36
5.	MicrosoftSQL2008	36

Cloud and BigData Laboratory3

S.No.	Name of the Equipment	Quantity Available
1.	Computer	36
2.	Printer	3
3.	Windows/Linux Operating System	36
4.	VM ware	36
5.	R Studio	36
6.	Hadoop	36
7.	Pig	36
8.	Hive	36
9.	MongoDB	36

SoftwareTestingLaboratory

S.No.	Name of the Equipment	Quantity Available
1.	Computer	36
2.	Printer	3
3.	Windows/Linux Operating System	36
4.	JDK1.6,Eclipse,Chrome,Firefox	36
5.	Open Source-Selenium API	36
6.	Bugzilla5.0.4	36

Network Security Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Computer	36
2.	Printer	3
3.	Windows/Linux Operating System	36
4.	GnuPG,KFsensor,NetStrumbler	36
5.	JDK1.6	36

Mobile Application Development Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Computer	36
2.	Printer	3
3.	Windows/Linux Operating System	36
4.	JDK1.6	36
5.	Android studio 3.2.1	36

Mini Project

S.No.	Name of the Equipment	Quantity Available
1.	Computer	36
2.	Printer	3
3.	Windows/Linux Operating System	36

Project Work

S.No.	Name of the Equipment	Quantity Available
1.	Computer	36
2.	Printer	3
3.	Windows/Linux Operating System	36

- **Department : Electronics and Communication Engineering**

Engineering Graphics Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Pentium IV computer or better hardware with suitable graphics facility	30 Nos
2.	Licensed software for drafting and modeling	15 Nos
3.	Laser Printer or Plotter to print/plot	2 Nos

Physics Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Lees' disc apparatus(With accessories)	6 Nos.
2.	Air Wedge apparatus (With traveling microscopes and accessories)	6 Nos
3.	Spectrometer (With grating, prism and accessories)	6 Nos
4.	Diode laser (2 mW power), Lycopodium powder and accessories	6 Nos.
5.	Ultrasonic interferometer (With accessories)	6 Nos.
6.	Non-uniform Bending apparatus (With accessories)	5 Nos.
7.	Band gap apparatus(With accessories)	5 Nos.
8.	Viscosity of a given liquid by Poiseuille's flow apparatus(With accessories)	5 Nos.
9.	Torsional Pendulum apparatus (With accessories)	5 Nos.
10.	V-I Characteristics of Solar cell (With accessories)	5 Nos.

Electric Circuits Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	0-30V RPS	10
2.	0-30V Voltmeter	10
3.	0-25mA Ammeter	10
4.	0-100mA AC Ammeter	5
5.	Function Generator(3MHz)	10
6.	CRO (30MHz)	5
7.	Decade resistance , inductance & capacitance box	10 each
8.	Resistor $\frac{1}{4}$ watt assorted	25
9.	Bread Board	15
10.	0-50 μ A Ammeter	5

Chemistry Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Electronic balance	1 No.
2.	pH meter	8 Nos.
3.	Conductivity bridge	8 Nos.
4.	Potentiometer	8 Nos.
5.	Platinum electrodes	8 Nos.
6.	Calomel electrodes	8 Nos.
7.	Spectrophotometer	2 No.
8.	Glassware	Sufficient Quantity Available

Programming for Problem Solving Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	LAN system with 33 nodes (Or) standalone PCs	35 Nos
2.	Printer	1 No
3.	Operating System - Windows / Unix Clone	30 Nos
4.	C Compiler	30 Nos
5.	Application package - Office suite	30 Nos

C++ and Data Structures Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Personal Computers	36
2.	Processor - Pentium IV with 2.0 GHZ or higher	36
3.	RAM - 1GB or higher	36
4.	Hard Disk - 20GB or higher	36
5.	OS - Windows 2000 / Windows XP	36
6.	Software – Turbo C Version 3	36

Electronic Devices Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Variable DC Power Supply (0-30V)	10
2.	CRO 30MHz	10
3.	Multimeter Digital	5
4.	Function Generator 3 MHz	10
5.	DC Ammeter	10
6.	DC Voltmeter	10
7.	PC with SPICE Simulation Software	5
8.	Transistors BC107 ,BC 108 SL 100, SK100	25
9.	Resistors 1/4 Watt Assorted	25
10.	Capacitor	25
11.	Inductor	25
12.	Bread Board	25
13.	Transformer(0-9)V	25
14.	Diode, Zener Diode	25
15.	UJT	25
16.	SCR	25
17.	JFET	25
18.	MOSFET	25

Digital Electronics Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Digital IC Tester	2
2.	Digital Trainer Kit	25
3.	Power Supply 5V DC	10
4.	Digital Multimeter	5
5.	Computer with HDL software Installed	5
6.	IC7400	25
7.	IC7404	25
8.	IC7402	25
9.	IC7408	25
10.	IC7411	25
11.	IC7432	25
12.	IC7483	25
13.	IC7485	25
14.	IC7486	25
15.	IC74151	25
16.	IC7474	25
17.	IC7476	25
18.	IC7447	25
19.	IC74180	25
20.	IC555	25
21.	Seven Segment Display	25
22.	LEDs	25
23.	Bread Board	25
24.	Wires	As Required

Electronic Circuits and Simulation Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Variable DC Power Supply (0-30V)	10
2.	CRO 30MHz	10
3.	Digital Multimeter	5
4.	Function Generator 3 MHz	10
5.	PC with SPICE Simulation Software	5
6.	Transistor -BC 107,SL100, BC147	25
7.	Resistor	25
8.	Capacitor	25
9.	Inductor	25
10.	Diode , Zener Diode	25
11.	Bread Board	25

Linear Integrated Circuits Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	(0-30V) Variable Power Supply	10
2.	CRO-30MHz	12
3.	Digital Multimeter	5
4.	Function Generator 1MHz	12
5.	IC Tester	2
6.	Breadboard	27
7.	Computer(PSPICE installed)	5
8.	IC741	25
9.	ICNE555	25
10.	LED	25
11.	LM317	25
12.	LM723	25
13.	Diodes,IN4001,BY126	25
14.	Zener diodes	25
15.	Potentiometer	25
16.	Step-down transformer 230V/12-0-12V	10
17.	Resistors1/4WattAssorted	25
18.	Capacitor	25
19.	Single Strand Wire	As Required

Microprocessors and Microcontrollers Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	8085 Trainer	28
2.	8086 Trainer	20
3.	8051 Trainer	23
4.	8255 Interfacing Card	5
5.	8279 Interfacing Card	5
6.	8259 Interfacing card	5
7.	8251 / 53 Interfacing Card	8
8.	ADC Interfacing card	3
9.	DAC Interfacing Card	3
10.	Stepper motor Interfacing card	8
11.	DC motor Interfacing card	3
12.	KEIL Software	5 Users

Digital Signal Processing Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Personal Computers	38
2.	Fixed / Floating point DSP Processors Kit (Add-on Cards)	18 Nos
3.	MATLAB with Simulink and Signal Processing Tool Box	10 Users
4.	Function Generators (1MHz)	15
5.	CRO (20MHz)	15

Communication Systems Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	CRO – 20 MHz	15
2.	Function Generator (1 MHz)	15
3.	Power Supply (0 - 30 Volts Variable Power supply)	15
4.	Bread Board	20
5.	AM Transceiver Kit	2
6.	FM Transceiver Kit	2
7.	PAM,PPM,PWM Trainer Kits	2
8.	PCM /DM Trainer Kit	2
9.	Line Coding & Decoding Kit	2
10.	ASK,PSK,FSK,QPSK Trainer Kits	2
11.	Sampling & TDM trainer kit	2
12.	MATLAB Package	5
13.	IC 565,566,567,741	25
14.	BC 107	25
15.	BFW10	25
16.	OA79	25
17.	Resistors (Various ranges)	25
18.	Capacitors (Various ranges)	25
19.	Decade Inductance box	10
20.	Antenna Trainer Kit	1
21.	RF Circuits	1
22.	Network Analyzer	1
23.	Spectrum Analyzer	1

Computer Networks Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	PC (with recent specification)	35
2.	Ethernet LAN trainer	3
3.	Wireless LAN trainer	2
4.	Network Simulator Software	15 User
5.	Crimping Tool	02
6.	Data Communication Trainer Kit	01
7.	Network Simulator-2 (Open Source Software)	15 User

VLSI Design Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Personal Computer	37
2.	<u>List of software required</u> a) Simulator and Synthesizer tool with down loader (VHDL/Verilog) b) Transistor level Spice modeling tool	15 Users
3.	FPGA Kits	15 Nos

Embedded Systems Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Computer	24 Nos
2.	KEIL Software for C51& ARM Processor	10 Users
3.	8051 Hardware with interfacing Board	02
4.	Universal PIC Embedded Nano Trainer Kit with Interfacing boards	03
5.	ARM Hardware (ARM 7,ARM 9)	02
6.	ARM Hardware Interfacing boards	04
7.	Firebird V Robot	03

RF & Microwave Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Klystron power supply	7
2.	Klystron tube	7
3.	Gunn power supply	2
4.	Gunn oscillator	2
5.	PIN modulator	2

6.	Isolator	8
7.	Variable Attenuator	8
8.	Frequency meter	7
9.	Slotted section	7
10.	Detector mount	7
11.	Termination	9
12.	Movable short	8
13.	Slide screw tuner	8
14.	Horn antenna	2
15.	Magic TEE	1
16.	E-Plane TEE	1
17.	H-Plane TEE	1
18.	Directional coupler	3
19.	VSWR meter	8
20.	CRO	5
21.	Power meter	2
22.	Radiation table	1
23.	Universal Waveguide stand	30
24.	Optical power source	5
25.	Fiber Optic Power meter	3
26.	Fiber Optic trainer Kit	5
27.	Multiplexer / Demultiplexer Kit	1
28.	Laser Trainer Kit	2
29.	PIN Diode	3
30.	LED mounted source at wavelength 870nm	2
31.	Single mode fiber characteristics study set up	1
32.	Fiber Optic Passive Component Module	1
33.	Dual Wave Length Fiber Optic Laser Source and Detector Module	1
34.	Spectrum analyzer	1
35.	RF circuit	1

Project Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Computer	25 Nos
2.	CRO 20 MHz	5
3.	Function Generator 1 MHz	5
4.	Bread Board	10
5.	Consumables	As Required

- **Department : Electrical and Electronics Engineering**

Programming for Problem Solving Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	LAN system with 33 nodes (OR) standalone PCs	38
2.	Printer	5
3.	Operating System	Available
4.	Compiler	Available
5.	Application package	Available
6.	MS office 2007	Available

Physics & Chemistry Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Lees' disc apparatus (With accessories)	5
2.	Air Wedge apparatus (With traveling microscopes and accessories)	5
3.	Spectrometer (With grating, prism and accessories)	5
4.	Diode laser (2 mW power) or He-Ne laser (2mW) (Lycopodium powder, Optical fibre Kit and accessories)	5
5.	Ultrasonic interferometer (With accessories)	5
6.	B-H Curve traces apparatus	Nil

Chemistry Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Electronic balance	1
2.	pH meter	8
3.	Conductivity bridge	8
4.	Potentiometer	8
5.	Platinum electrodes	8
6.	Calomel electrodes	8
7.	Spectrophotometer	2
8.	Flame photometer	1
9.	Oswald viscometer	15
10.	Glassware	10

Physics Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Torsional Pendulum apparatus (With accessories)	5
2.	Non-uniform Bending apparatus (With accessories)	5
3.	Viscosity (Poiseuille's flow) apparatus (With accessories)	5
4.	Band gap apparatus/ Post office box	5
5.	Spectrometer (With grating, prism and accessories)	5
6.	Carey Foster Bridge	Nil

Engineering Graphics Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Pentium IV computer or better hardware, with suitable graphics facility	30
2.	Licensed software for drafting and modeling	15
3.	Laser Printer or Plotter to print / plot drawings	2

Electric Circuits Analysis Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	C.R.O	6
2.	D.C, Power Supply (regulated)	14
3.	Function Generator	14
4.	Various Range of Ammeter	15
5.	Low Range Voltmeter	15
6.	Various Range of Resistor	40

Python Programming Laboratory

S.No	Name of the Equipment	Quantity Available
1.	LAN system with 33 nodes (or) standalone PCs	35
2.	Printer	3
3.	Python Compiler	30

Manufacturing Practices laboratory

S.No.	Name of the Equipment	Quantity Available
Mechanical		
1.	Arc welding transformer with cables and holders	5
2.	Welding booth with exhaust facility	5
3.	Welding accessories like welding shield, chipping hammer, wire brush, etc.	5
4.	Oxygen and acetylene gas cylinders, blow pipe and other welding outfit.	2
5.	Centre lathe	2
6.	Hearth furnace, anvil and smithy tools	2
7.	Moulding table, foundry tools	5
8.	Power Tool: Angle Grinder	2
9.	Study-purpose items: centrifugal pump, air-conditioner	1
Electrical		
1.	Assorted electrical components for house wiring	10
2.	Electrical measuring instruments	10
3.	Energy Meter	5
Electronics		
1.	Soldering guns	5
2.	Assorted electronic components for making circuits	50
3.	Small PCBs	10
4.	Multi Meters	5
5.	Logic Gates	15 each

Analog Electronics Laboratory

S.No	Name of the Equipment	Quantity Available
1.	CRO and function generator	3 each
2.	Components and bread boards	10 each
3.	Chips IC – 555	10
4.	Chips IC – 741	10
5.	Work tables	13
6.	Semiconductor diode – IN4007	20
7.	Zener diode – C5V1	20
8.	JFET – BFW10	05
9.	Transistor – BC107	10
10.	DAC Trainer kit	01
11.	ADC Trainer kit	01
12.	Multisim software	04

Object Oriented Programming Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	PC Processor-Pentium - IV with 2.0 GHz RAM: 256 MB Hard Disk 20GB	30 Nos
2.	OS: Windows 2000/ Windows XP/NT or LINUX	01
3.	Software- Turbo C version 3 or GCC version 3.X	01

Electrical Machines Laboratory – I

S.No.	Name of the Equipment	Quantity Available
1.	D.C motor – Shunt Generator	2 Set
2.	D.C motor – Compound Generator	2 Set
3.	D.C. Shunt Motor	4 Nos
4.	D.C. Series Motor	1 No
5.	D.C. Compound Motor	1 No
6.	Single phase transformers	7 Nos
7.	Three phase transformers	2 Nos
8.	D.C. Motor – Alternator set	4 Set
9.	Resistive load 3 phase – 2 , single phase - 3	5 Nos.
10.	Single phase Auto transformer	6 Nos.
11.	Three phase Auto transformer	5 Nos.
12.	Moving Coil Ammeter of different ranges	25 Nos.
13.	Moving Coil Voltmeter of different ranges	25 Nos.
14.	Moving Iron Ammeter of different ranges	25 Nos.
15.	Moving Iron voltmeter of different ranges	25 Nos.
16.	Wire wound Rheostats of different ratings	40 Nos.
17.	Tachometers	10 Nos.
18.	Single element watt meters of different ranges UPF / LPF	20 Nos.
19.	Double element watt meters of different ranges	5 Nos.
20.	Digital multimeter	5 Nos.

Data Structures and Algorithms Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	PC Processor-Pentium - IV RAM: 256 MB Hard Disk 20GB	30
2.	OS: Windows 2000/ Windows XP/NT or LINUX	1
3.	Software- Turbo C version 3 or GCC version 3.X	1

Electrical Machines – II Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	DC shunt motor coupled three phase alternator	3
2.	Three phase induction motors: Squirrel cage Slip-ring	3 2
3.	Three phase synchronous motor	1
4.	DC Shunt motor coupled salient pole three phase alternator	1
5.	Single phase induction motors	2
6.	Air core inductor to do ZPF test	1
7.	Starter: Three phase induction motor starters Single phase induction motor starters	3 1
8.	Moving coil ammeter of different ranges	15
9.	Moving coil voltmeter of different ranges	10
10.	Moving iron ammeter of different ranges	16
11.	Moving iron voltmeter of different ranges	16
12.	Single element watt meters of different ranges UPF / LPF	10
13.	Double element watt meters of different ranges	6
14.	Wire wound rheostats of different ratings	20
15.	Single phase auto transformer	6
16.	Three phase auto transformer	5
17.	Rheostatic load	10
18.	Tachometers	10
19.	DC panel boards	1
20.	AC panel board	1

Digital Electronics Laboratory

S.No	Name of the Equipment	Quantity Available (A)
1.	IC trainer Kit	15
2.	Components and bread boards	10 each
3.	Chips IC – 7400	10
4.	Chips IC – 7402	10
5.	Chips IC – 7408	10
6.	Chips IC – 7432	10
7.	Chips IC – 7476	10
8.	Chips IC – 7404	15
9.	Chips IC – 7486	15
10.	Chips IC – 7411	15
11.	Chips IC – 7483	15
12.	Work tables	13
13.	Computer system with Xilinx software	03
14.	FPGA kit	03

Control and Instrumentation Laboratory

S.No	Name of the Equipment	Quantity Available
1.	DC Position control kit	1
2.	AC Position control kit	1
3.	Analog simulation of type-0 and type-1 systems	1
4.	DC shunt generator	1
5.	DC shunt motor	1
6.	MATLAB Software	1
7.	Personal computer	3
8.	Wheatstone bridge kit	1
9.	Kelvin bridge kit	1
10.	Maxwell bridge kit	1
11.	Anderson bridge kit	1
12.	Schering's bridge kit	1
13.	Desauty's bridge kit	1
14.	LVDT kit	1

Microprocessor and Microcontroller Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	8085 Microprocessor Trainer Kit	13
2.	8051 Microcontroller Trainer Kit	10
3.	8255 Interface Board	2
4.	8251/8254 Interface Board	4
5.	8279 Keyboard/Display Interface Board	4
6.	ADC Card	4
7.	DAC Card	4
8.	Stepper Motor Interface	4
9.	DC Motor Interface	4
10.	Traffic Light Controller	4
11.	Personal computer	3
12.	Keil Software	3

Power Systems Simulation Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Personal Computers	38
2.	C, C++	Multuser
3.	MATLAB Software	5 user
4.	Mi-Power software	5 user

Power Electronics Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Device characteristics (for SCR, MOSFET, TRIAC and IGBT) kit with built in power supply & meters	1
2.	SCR firing circuit module	2
3.	Single phase SCR based half controlled converter & fully controlled converter along with built-in / separate / firing circuit / module and meter	2
4.	Three phase SCR based half controlled converter & fully controlled converter along with built-in / separate / firing circuit / module and meter	1
5.	MOSFET based step up and step down choppers	1
6.	IGBT based single phase PWM inverter module	2
7.	Single phase cycloconverter module	1
8.	Resonant DC-DC converter module with built in power supply and controller	1
9.	Dual regulated DC power supply with common ground	4
10.	Cathode Ray Oscilloscope	5
11.	Isolation Transformer	3
12.	Single phase Auto transformer	3
13.	Multi meter	5
14.	LCR meter	1
15.	Work tables	12
16.	DC and AC meters of required ranges	20

Electronics Design Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Regulator IC 7805, 7905	20
2.	Transformer (12-0-12)	10
3.	Diode IN 4001	20
4.	Capacitor 470 μ F, 0.1 μ F, 2200 μ F, 100 nF, 1 μ F	Each 20 Nos.
5.	LED	20
6.	Resistor 1k Ω , 15 k Ω , 220 Ω , 470 Ω	Each 20 Nos.
7.	Multimeter	5
8.	CRO	5
9.	Transistor BD679, BC 547, BC548, 2N3904	20
10.	Zener diode	30
11.	Soldering Iron	10
12.	Soldering paste	10
13.	Soldering lead	10
14.	Battery (9V)	20
15.	Function Generator	5

Embedded System Laboratory

S.No	Name of the Equipment	Quantity Available
1.	Computer	24
2.	KEIL Software for C51 & ARM Processor	10
3.	8051 Hardware with interfacing board	2
4.	Universal PIC Embedded Nano Trainer kit with interfacing boards	3
5.	ARM hardware	2
6.	ARM hardware interfacing boards	4

• Department : INFORMATION TECHNOLOGY

Programming for Problem Solving Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Computer	60
2.	Printer	06
3.	Windows Operating System	30
4.	C Compiler	30
5.	Office suite Application package	30

Python Programming Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Computer	60
2.	Printer	06
3.	Windows / Unix Clone Operating System	30

Database Systems Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Computer	60
2.	Visual Studio	30
3.	SQL Server	01

Computer Networks Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Computer	60
2.	C or C++ or java or Python equivalent compiler	30
3.	Network Simulator like NS2	30
4.	Windows / Linux Operating System	30

Web Technology Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Systems with Java Swing, Html, XML, AJAX,JSP, JDBC and Python	30
2.	System with Net beans or Eclipse	30
3.	Windows Operating System	30

Cloud Computing Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Systems with virtual box Vmware workstation, Cloud environment creation Openstack Hadoop colud sim gae launcher	30
2.	System with Net beans or Eclipse	30
3.	Windows Operating System	30

• Department : Mechanical Engineering

Workshop Practices Laboratory

S.No.	Name of the Equipment	Quantity Available
Civil and Mechanical		
1.	Fitting tools and its accessories	15 set.
2.	Carpentry tools and its accessories	15 sets
3.	Smith tools and open hearth furnace setup	2set.
4.	Foundry tools and its accessories	5 sets
5.	Arc welding welding equipments and its accessories	5 set.
6.	Oxy acetylene welding setup and its accessories.	1 set
7.	Centre lathe with its accessories	6 Nos.

8.	Pillar Type Drilling Machine	1No
Electrical		
9.	Assorted electrical components for house wiring	15 sets
10.	Electrical measuring instruments	10 sets
11.	Study purpose items: Iron box, fan and regulator, emergency lamp	One each
Electronics		
12.	Soldering guns	12 No.
13.	Assorted electronic components for making circuits	50 No.
14.	Small PCBs	10 No.
15.	Multi Meters	10 No.
16.	Logic gates	15 each

Chemistry Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Electronic balance	1No.
2.	pH meter	8Nos.
3.	Conductivity bridge	8Nos.
4.	Potentiometer	8Nos.
5.	Platinum electrodes	8Nos.
6.	Calomel electrodes	8Nos.
7.	Spectrophotometer	2Nos.
8.	Flame photometer	1No.
9.	Ostwald viscometer	15nos
10.	Glassware	Sufficient Quantity

Computer Aided Drawing Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Pentium IV computer or better hardware, with suitable graphics facility	30No.
2.	Licensed software for Drafting and Modeling	15 licenses
3.	Laser Printer or Plotter to print/plot drawings	2No.

Programming for Problem solving Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	LANsystemwith33nodes(OR) standalone PCs	33Nos.
2.	Printer	3Nos.
3.	Operating System	Available
4.	Compiler	Available
5.	Application package	Available

Physics Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Non- uniform Bending apparatus (With accessories)	5 Nos
2.	Band gap apparatus (with accessories)	5 Nos
3.	Viscosity of a given liquid by Poiseuille's flow apparatus (With accessories)	5 Nos
4.	Tensional Pendulum apparatus (With accessories)	5 Nos
5.	V-I Characteristics of solar cell (with accessories)	5 Nos

Thermal Engineering Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	I.C Engine–2 stroke and 4 stroke model	2 Set
2.	Red Wood Viscometer	1 No.
3.	Apparatus for Flash and Fire Point	1 No.
4.	4-stroke Diesel Engine with mechanical loading.	2 No.
5.	4-stroke Diesel Engine with hydraulic loading.	1 No.
6.	4-stroke Diesel Engine with electrical loading.	2 No.
7.	Multi-cylinder Petrol Engine	3 No.
8.	Single cylinder Petrol Engine with Electrical Loading	2 No.
9.	Single cylinder Diesel Engine with Electrical Loading	2 No.
10.	Steam Boiler with turbine setup	1 No.

Manufacturing Technology – I Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Centre Lathe with accessories	15 Nos
2.	Tool Dynamometer	1 No

Metrology and Measurements Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Micrometer	5
2.	Vernier Caliper	5
3.	Vernier Height Gauge	2
4.	Vernier depth Gauge	2
5.	Slip Gauge Set	1
6.	Gear Tooth Vernier	1
7.	Sine Bar	1
8.	Sine Center	1
9.	Bevel Protractor	1
10.	Floating Carriage Micrometer	1
11.	Profile Projector	1
12.	Tool Makers Microscope	1
13.	Mechanical / Electrical / Pneumatic Comparator	1
14.	Autocollimator	1
15.	Temperature Measuring Setup	1
16.	Displacement Measuring Setup	1
17.	Force Measuring Setup	1
18.	Torque Measuring Setup	1

Manufacturing Technology – II Laboratory

S.No.	Name of the Equipment / Software	Quantity Available
1.	Turret and Capstan Lathes	1Noeach
2.	Horizontal Milling Machine	1No
3.	Vertical Milling Machine	1No
4.	Surface Grinding Machine	1No
5.	Cylindrical Grinding Machine	1No
6.	Shaper	2Nos.
7.	Slotter	1No.
8.	Planner	1No.
9.	Radial Drilling Machine	1No.
10.	Gear Hobbing Machine	1No

Dynamics of Machinery Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Whirling speed of shaft setup	1No.
2.	Free beam setup	1No.
3.	Cantilever beam setup	1No.
4.	Vibrating table	1No.
5.	Universal Governor	1No.
6.	Motorized gyroscope.	No.
7.	Balancing of rotating masses Setup	1No.
8.	Cam analyzer.	1No.
9.	Spring mass system	1No.
10.	Bifilar suspension.	1No.
11.	Compound pendulum.	1No.
12.	Axle setup	1No.
13.	Turn table apparatus	1 No.

Heat and Mass Transfer Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Guarded plate apparatus	1 No.
2.	Lagged pipe apparatus	1 No.
3.	Natural convection-vertical cylinder apparatus	1 No.
4.	Forced convection inside tube apparatus	1 No.
5.	Pin-fin apparatus	1 No.
6.	Stefan-Boltzmann apparatus	1 No.
7.	Emissivity measurement apparatus	1 No.
8.	Parallel/counter flow heat exchanger apparatus	1 No.
9.	Refrigeration testrig	1 No.
10.	Air-conditioning testrig	1 No.

Electronics and Microprocessor Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Voltmeter	8 Nos.
2.	Ammeter	8 Nos.
3.	PN Diode, BJT, JFET, Logic Gates, Zener diode ,UJT	4 set
4.	Digital Logic Trainer Kits	3 Nos.
5.	Breadboards	5 Nos.
6.	Microprocessor Kit -8085	10 Nos.
7.	D/A converter interface	2 Nos.
8.	Stepper Motor Interface	4 Nos.
9.	CRO	4 Nos.
10.	Multimeter	5 Nos.

Computer Aided Design and Manufacturing Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Computer Server	1
2.	CNC milling trainer type machine with standard accessories.	1
3.	CNC Lathe trainer type machine with standard accessories.	1
4.	Computer System	30
5.	Edge cam Software	30
6.	Solid works / Pro-E / C ATIA Software	30
7.	HP Laser Printer 1020	1
8.	A3sizeplotter	1

Mechatronics Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Basic Pneumatic Trainer Kit	1 No
2.	Electro pneumatic trainer kit	1 No.
3.	Electro pneumatic trainer kit with PLC Control	1No
4.	Hydraulic Trainer kit	1No
5.	PID controlling interfacing	1 No
6.	Speed control of AC and Dc Drives	1No
7.	Hydraulic / Pneumatic systems simulation software.	10 user

Computer Aided Simulation and Analysis Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Computer System 17" VGA Color Monitor Pentium IV Processor 40 GB HDD, 512 MB RAM	30
2.	Colour Desk Jet Printer	1
3.	Simulation and Analysis Software like ANSYS, SOLID WORKS, C, MATLAB, NXNASTRAN, ADAMS, AUTOMATION STUDIO	30 licenses

Maintenance Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Bearing Assembly	1
2.	Flange Coupling Assembly	1
3.	Belt drive	1
4.	Chain drive	1
5.	Tail stock	1
6.	3-Jaw CHUCK	1
7.	4-Jaw Chuck	1
8.	Water Pump	1
9.	I.C. Engine	1
10.	Air conditioning system	2
11.	Machine Tool Alignment Test(level of installation, flatness & true running)	1

Engineering Metrology and Measurements Laboratory

S.No.	Name of the Equipment	Quantity Available
1.	Micrometer	5
2.	Vernier Caliper	5
3.	Vernier Height Gauge	2
4.	Vernier depth Gauge	2
5.	Slip Gauge Set	1
6.	Gear Tooth Vernier	1
7.	Sine Bar	1
8.	Sine Center	1
9.	Bevel Protractor	1
10.	Floating Carriage Micrometer	1
11.	Profile Projector	1
12.	Tool Makers Microscope	1
13.	Mechanical / Electrical / Pneumatic Comparator	1
14.	Autocollimator	1
15.	Temperature Measuring Setup	1
16.	Displacement Measuring Setup	1
17.	Force Measuring Setup	1
18.	Torque Measuring Setup	1

11.C.Computing Facilities

- Internet Bandwidth : 280 Mbps
- Number of Systems and Configuration: 1206 (Core i3,dual core, core i5)
- Total number of system connected by LAN 1206
- Major Software Packages available : Yes
- Special purpose facilities available : Yes (NPTEL, QEEE, KNIMBUS-Digital Library,NDL, DELNET)

- Innovation Cell : Yes
- Social Media Cell : Yes

KSR Community Radio

S.No.	Date	Activity	Name of the student
1	14-01-2020	Photography	R.Chandrukanna
2	24-01-2020	Drawing	P.Gokul
3	21-04-2020	Earth day art contest	R.Sударасanan

- Compliance of the National Academic Depository (NAD), applicable to PGCM / PGDM Institutions and University Departments : NA

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	Basketball court : Outdoor court	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	04
13	Indoor	Basket ball court: Indoor court	800.00	01
14	Gymnasium	Advanced malt GYM(Men)	1600.00	02
15	Gymnasium	Advanced malt GYM(Women)	1000.00	01
16	Gymnasium	Multi GYM(Hostel)	1000.00	01
17	Yoga centre	Indoor stadium	9072.00	01
18	Swimming Pool	Swimming Pool	2178.00	01

Sports Coaches

S.No.	Name	Designation	Qualification
1	Mr.P.Sri Ram	Physical Director	B.Com(CA),B.P.Ed.,M.P.Ed.,(P.hD)
2	Mr.P.Murugan	Part Time - Hand Ball Coach	B.Sc., B.P.Ed.,M.P.Ed.,
3	Mr.M.Dharma	Athletic Coach	B.Sc.,B.P.Ed.,M.P.Ed.,
4	Mr.Jeevagan	Part Time – Foot Ball Coach	BBA
5	Mr.Kumaravel	Part Time – Ball Bad Minton coach	M.P.Ed.,M.Phil
6	Mr.A.Manoj	GYM Instructor	B.Sc., DIP(Physical Fitness)
7	Mr.Chandrasekar	Swimming Coach	H.Sc

• Extra Curricular Activities

: Yes

Sports Activities

S.No.	Name of the Student Activity	2021-2022	2020-2021	2019-2020	2018-2019
1	Institution Level	100	150	350	290
2	Zonal level	75	100	150	140
3	University level	4	6	04	03
4	State level	24	36	90	86
5	National / International Level	-	-	04	03

Others

S.No	Name of the student Activity	2021-2022	2020-2021	2019-2020	2018-2019
1	Culturals	10	25	74	152
2	NSS	700	1690	1160	285
3	NCC	704	853	763	723
4	Tamil & Literary Club	96	72	124	94
5	Music Club	15	21	10	35
6	YRC/RRC	250	120	60	80
7	Tamil Mandaram	01	01	37	25

Soft skill Development Facilities

: Yes

- **Learning Platform** : Terv.Pro
- **Device Facilitation** : Computers / Laptop / 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://www.ksrce.ac.in/index.php/>
- **Academic Calendar University:**
- **Academic Calendar and frame work**

K.S.R. COLLEGE OF ENGINEERING, TIRUCHENGODE - 637 215.

Academic calendar:AcademicYear2022-23(ODD)

JUNE 2022				Date	Day	Events
Date	Day	Events		Date	Day	Events
1	WED			17	FRI	
2	THU			18	SAT	
3	FRI			19	SUN	Holiday
4	SAT			20	MON	
5	SUN	Holiday		21	TUE	
6	MON			22	WED	
7	TUE			23	THU	
8	WED			24	FRI	
9	THU			25	SAT	Holiday
10	FRI			26	SUN	Holiday
11	SAT	Holiday		27	MON	
12	SUN	Holiday		28	TUE	
13	MON			29	WED	
14	TUE			30	THU	
15	WED					
16	THU					

JULY 2022						
Date	Day	Events		Date	Day	Events
1	FRI			17	SUN	Holiday
2	SAT			18	MON	
3	SUN	Holiday		19	TUE	
4	MON			20	WED	
5	TUE			21	THU	
6	WED			22	FRI	
7	THU			23	SAT	Holiday
8	FRI			24	SUN	Holiday
9	SAT	Holiday		25	MON	
10	SUN	Holiday		26	TUE	
11	MON	Commencement of classes III & IV year UG		27	WED	
12	TUE			28	THU	
13	WED			29	FRI	
14	THU			30	SAT	
15	FRI			31	SUN	Holiday
16	SAT					
AUGUST 2022						
Date	Day	Events		Date	Day	Events
1	MON			17	WED	
2	TUE			18	THU	
3	WED	Aadi Peruku - Holiday		19	FRI	Krishna Jayanthi
4	THU			20	SAT	
5	FRI			21	SUN	Holiday
6	SAT			22	MON	
7	SUN	Holiday		23	TUE	
8	MON			24	WED	IA 1 / SUB 1 for III & IV Year UG
9	TUE	Moharam		25	THU	IA 1 / SUB 2 for III & IV Year UG
10	WED	Commencement of classes II Year UG & PG		26	FRI	IA 1 / SUB 3 for III & IV Year UG
11	THU			27	SAT	Holiday
12	FRI			28	SUN	Holiday
13	SAT	Holiday		29	MON	IA 1 / SUB 4 for III & IV Year UG
14	SUN	Holiday		30	TUE	IA 1 / SUB 5 for III & IV Year UG
15	MON	Independence day		31	WED	Vinayagar Charthurthi
16	TUE					

SEPTEMBER 2022

Date	Day	Events
1	THU	IA 1 / SUB 6 for III & IV Year UG
2	FRI	IA 1 / SUB 7 for III & IV Year UG
3	SAT	
4	SUN	Holiday
5	MON	
6	TUE	
7	WED	
8	THU	
9	FRI	
10	SAT	Holiday
11	SUN	Holiday
12	MON	
13	TUE	
14	WED	
15	THU	
16	FRI	

OCTOBER 2022

Date	Day	Events
1	SAT	
2	SUN	Gandhi Jeyanthi
3	MON	
4	TUE	Ayutha Pooja / Sarashwathi Pooja
5	WED	Vijayadasami
6	THU	
7	FRI	
8	SAT	Holiday
9	SUN	Milad-un-Nabi
10	MON	
11	TUE	
12	WED	
13	THU	IA 2 / SUB 1 for III & IV Year UG
14	FRI	IA 2 / SUB 2 for III & IV Year UG
15	SAT	
16	SUN	Holiday

Date	Day	Events
17	MON	IA 2 / SUB 3 for III & IV Year UG Induction Programme I Yr UG
18	TUE	IA 2 / SUB 4 for III & IV Year UG Induction Programme I Yr UG
19	WED	IA 2 / SUB 5 for III & IV Year UG Induction Programme I Yr UG
20	THU	IA 2 / SUB 6 for III & IV Year UG Induction Programme I Yr UG
21	FRI	IA 2 / SUB 7 for III & IV Year UG Induction Programme I Yr UG
22	SAT	Holiday
23	SUN	Holiday
24	MON	Deepavali
25	TUE	
26	WED	
27	THU	
28	FRI	
29	SAT	
30	SUN	Holiday
31	MON	

NOVEMBER 2022		
Date	Day	Events
1	TUE	
2	WED	
3	THU	
4	FRI	Last date for Payment of Exam Fees III & IV Year UG
5	SAT	
6	SUN	Holiday
7	MON	Commencement of Induction Program I Year UG & PG
8	TUE	
9	WED	
10	THU	
11	FRI	
12	SAT	Holiday
13	SUN	Holiday
14	MON	Model / SUB 1 for IV Year UG IA 3 / SUB 1 for III Year UG IA 2 / SUB 1 for II Year UG & PG
15	TUE	Model / SUB 2 for IV Year UG IA 3 / SUB 2 for III Year UG IA 2 / SUB 2 for II Year UG & PG
16	WED	Model / SUB 3 for IV Year UG IA 3 / SUB 3 for III Year UG IA 2 / SUB 3 for II Year UG & PG

Date	Day	Events
17	THU	Model / SUB 4 for IV Year UG IA 3 / SUB 4 for III Year UG IA 2 / SUB 4 for II Year UG & PG
18	FRI	Model / SUB 5 for IV Year UG IA 3 / SUB 5 for III Year UG IA 2 / SUB 5 for II Year UG & PG
19	SAT	
20	SUN	Holiday
21	MON	Commencement of classes I Year UG & PG Model / SUB 6 for IV Year UG IA 3 / SUB 6 for III Year UG IA 2 / SUB 6 for II Year UG & PG
22	TUE	Model / SUB 7 for IV Year UG IA 3 / SUB 7 for III Year UG Last working Day III & IV Yr UG IA 2 / SUB 7 for II Year UG & PG
23	WED	
24	THU	Commencement of Practical Exam III & IV Year UG
25	FRI	
26	SAT	Holiday
27	SUN	Holiday
28	MON	
29	TUE	
30	WED	

DECEMBER 2022		
Date	Day	Events
1	THU	
2	FRI	
3	SAT	
4	SUN	Holiday
5	MON	Commencement of Theory Exam III & IV Year UG
6	TUE	Last date for payment of Exam Fees II Year UG & PG
7	WED	
8	THU	IA 3 / SUB 1 for II Year UG & PG
9	FRI	IA 3 / SUB 2 for II Year UG & PG
10	SAT	Holiday
11	SUN	Holiday
12	MON	IA 3 / SUB 3 for II Year UG & PG
13	TUE	IA 3 / SUB 4 for II Year UG & PG
14	WED	IA 3 / SUB 5 for II Year UG & PG
15	THU	IA 3 / SUB 6 for II Year UG & PG
16	FRI	IA 3 / SUB 7 for II Year UG & PG Last working Day II Yr. UG & PG

Date	Day	Events
17	SAT	
18	SUN	Holiday
19	MON	Commencement of Practical Exam II Year UG & PG
20	TUE	
21	WED	Commencement of final Semester Project for UG (Even semester)
22	THU	
23	FRI	
24	SAT	Holiday
25	SUN	Christmas
26	MON	Commencement of Theory Exam II Year UG & PG
27	TUE	
28	WED	
29	THU	
30	FRI	
31	SAT	

| | | |

JANUARY 2023						
Date	Day	Events		Date	Day	Events
1	SUN	English New Year		17	TUE	
2	MON			18	WED	
3	TUE			19	THU	
4	WED	IA 1 / SUB 1 I Yr/I Sem UG & PG Commencement of classes for III Year UG (Even Sem Re-opening)		20	FRI	
5	THU	IA 1 / SUB 2 I Yr/I Sem UG & PG		21	SAT	
6	FRI	IA 1 / SUB 3 I Yr/I Sem UG & PG		22	SUN	Holiday
7	SAT	IA 1 / SUB 4 I Yr/I Sem UG & PG		23	MON	
8	SUN	Holiday		24	TUE	
9	MON	IA 1 / SUB 5 I Yr/I Sem UG & PG Commencement of classes for II Year UG & PG (Even Sem Re-opening)		25	WED	
10	TUE	IA 1 / SUB 6 I Yr/I Sem PG		26	THU	Republic Day
11	WED			27	FRI	
12	THU			28	SAT	Holiday
13	FRI			29	SUN	Holiday
14	SAT	Bogi		30	MON	
15	SUN	Pongal / Thiruvalluvar Day		31	TUE	
16	MON	Uzhavar Thirunal				
FEBRUARY 2023						
Date	Day	Events		Date	Day	Events
1	WED			17	FRI	IA 1 / SUB 5 for III Year UG Last Date For Payment of Exam Fees I Yr/ I Sem UG & PG
2	THU			18	SAT	
3	FRI			19	SUN	Holiday
4	SAT			20	MON	IA 1 / SUB 6 for III Year UG
5	SUN	Thaipooosam		21	TUE	IA 1 / SUB 7 for III Year UG
6	MON	IA 1 / SUB 1 II Year MBA		22	WED	
7	TUE	IA 1 / SUB 2 II Year MBA		23	THU	
8	WED	IA 1 / SUB 3 II Year MBA		24	FRI	
9	THU	IA 1 / SUB 4 II Year MBA		25	SAT	Holiday
10	FRI			26	SUN	Holiday
11	SAT	Holiday		27	MON	
12	SUN	Holiday		28	TUE	End of final semester Project for IV year UG
13	MON	IA 1 / SUB 1 for III Year UG				
14	TUE	IA 1 / SUB 2 for III Year UG				
15	WED	IA 1 / SUB 3 for III Year UG				
16	THU	IA 1 / SUB 4 for III Year UG				
MARCH 2023						
Date	Day	Events		Date	Day	Events
1	WED	IA 2/SUB 1 I Yr/ I Sem UG & PG Commencement of classes for IV Year UG & II Year MBA		17	FRI	IA 1 / SUB 2 IV Year UG
2	THU	IA 2/SUB 2 I Yr/ I Sem UG & PG IA 1 / SUB 1 for II Year UG		18	SAT	
3	FRI	IA 2/SUB 3 I Yr/ I Sem UG & PG IA 1 / SUB 2 for II Year UG		19	SUN	Holiday
4	SAT	IA 2/SUB 4 I Yr/ I Sem UG & PG		20	MON	IA 1 / SUB 3 IV Year UG
5	SUN	Holiday		21	TUE	
6	MON	IA 2/SUB 5 I Yr/ I Sem UG & PG IA 1 / SUB 3 for II Year UG IA 2 / SUB 1 II Year MBA		22	WED	Telugu New year
7	TUE	IA 2/SUB 6 I Yr/ I Sem PG Last working Day I Yr/ I Sem UG & PG IA 1 / SUB 4 for II Year UG IA 2 / SUB 2 II Year MBA		23	THU	
8	WED	Commencement of Practical Exam I Yr/ I Sem UG & PG IA 1 / SUB 5 for II Year UG IA 2 / SUB 3 II Year MBA		24	FRI	
9	THU	IA 1 / SUB 6 for II Year UG IA 2 / SUB 4 II Year MBA		25	SAT	Holiday
10	FRI	IA 1 / SUB 7 for II Year UG		26	SUN	Holiday

11	SAT	Holiday	27	MON	
12	SUN	Holiday	28	TUE	
13	MON		29	WED	
14	TUE		30	THU	
15	WED	Commencement of Theory Exam I Yr/ I Sem UG & PG	31	FRI	IA 2 / SUB 1 for III Year UG Commencement of Classes I Yr/ II Sem UG & PG (Even Semester - Reopening)
16	THU	IA 1 / SUB 1 IV Year UG			

APRIL 2023

Date	Day	Events	Date	Day	Events
1	SAT		17	MON	
2	SUN	Holiday	18	TUE	Last date for submission of Project report all B.E / B.Tech.
3	MON	IA 2 / SUB 2 for III Year UG	19	WED	
4	TUE	Mahavir Jayanthi	20	THU	
5	WED	IA 2 / SUB 3 for III Year UG	21	FRI	Model Exam / SUB 1 IV Year UG
6	THU	IA 2 / SUB 4 for III Year UG	22	SAT	Ramzan
7	FRI	Good Friday	23	SUN	Holiday
8	SAT	Holiday	24	MON	Model Exam / SUB 2 IV Year UG
9	SUN	Holiday	25	TUE	Model Exam / SUB 3 IV Year UG Last working day IV Year UG
10	MON	IA 2 / SUB 5 for III Year UG IA 2 / SUB 1 IV Year UG	26	WED	
11	TUE	IA 2 / SUB 6 for III Year UG IA 2 / SUB 2 IV Year UG	27	THU	Commencement of Project viva IV Yr UG
12	WED	IA 2 / SUB 7 for III Year UG IA 2 / SUB 3 IV Year UG	28	FRI	Last date for submission of Project report all M.E/M.Tech, MBA & MCA
13	THU	Last date for Payment of Exam Fees for II, III & IV Yr. UG & PG	29	SAT	
14	FRI	Tamil New Year / Dr.Ambadkar Jayanthi	30	SUN	Holiday
16	SUN	Holiday			

MAY 2023

Date	Day	Events	Date	Day	Events
1	MON	May Day	17	WED	
2	TUE	IA 3 / SUB 1 for III Year UG Commencement of Theory Exam IV Yr UG	18	THU	
3	WED	IA 3 / SUB 2 for III Year UG	19	FRI	Commencement of Theory Exam II Yr MBA
4	THU	IA 3 / SUB 3 for III Year UG	20	SAT	
5	FRI	IA 2 / SUB 1 for II Year UG IA 3 / SUB 4 for III Year UG	21	SUN	Holiday
6	SAT		22	MON	
7	SUN	Holiday	23	TUE	
8	MON	IA 2 / SUB 2 for II Year UG IA 3 / SUB 5 for III Year UG	24	WED	IA 1 /SUB 1 I Yr/ II Sem UG & PG
9	TUE	IA 2 / SUB 3 for II Year UG IA 3 / SUB 6 for III Year UG	25	THU	IA 1 /SUB 2 I Yr/ II Sem UG & PG
10	WED	IA 2 / SUB 4 for II Year UG IA 3 / SUB 7 for III Year UG Last working day III Yr UG	26	FRI	Commencement of Theory Exam II & III Yr UG IA 1 /SUB 3 I Yr/ II Sem UG & PG
11	THU	IA 2 / SUB 5 for II Year UG Last working day II Year PG	27	SAT	Holiday
12	FRI	IA 2 / SUB 6 for II Year UG	28	SUN	Holiday
13	SAT	Holiday	29	MON	IA 1 /SUB 4 I Yr/ II Sem UG & PG
14	SUN	Holiday	30	TUE	IA 1 /SUB 5 I Yr/ II Sem UG & PG
15	MON	IA 2 / SUB 7 for II Year UG Last working day II Yr UG	31	WED	IA 1 /SUB 6 I Yr/ II Sem UG & PG
16	TUE	Last working day II Year MBA Commencement of Practical Exam II & III Yr UG	Commencement of project Viva-voce for all PG (IV Sem) : 02.06.2023		

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

Teaching Load of each Faculty : 18 hrs/ week

Internal Continuous Evaluation System and place -Yes

Student's assessment of Faculty, System in place - Yes

For each Post Graduate courses give the following:

- **Title of the Course**

1. M.E.(Industrial Safety Engineering)
2. M.E.(Communication Systems)
3. M.E.(Power Electronics and Drives)
4. M.E.(Computer Science Engineering)
5. M.E.(Structural Engineering)
6. M.E.(Construction Engineering and Management)
7. M.Tech (Information Technology)
8. Master of Business Administration (MBA)
9. Master of Computer Application (MCA)

- **Curricula and syllabi**

Link : <http://www.ksrce.ac.in/index.php/>

Laboratory facilities exclusive to the Post Graduate Course

- **Special Purpose**

S.No.	Name of the Software
1	WINDOWS 7
2	WINDOWS 10
3	WINDOWS SERVER 2012
Application Software	
4	ORACLE
5	ECLIPSE
6	PYTHON
7	MATLAB
8	MODELSIM
9	NETSIM
10	XILINX
11	MENTOR GRAPHICS
12	TALLY 9.0
13	AUTO CAD
14	ANSYS
15	STADD PRO

12.

12.Enrollment of students in the last 3 years												
S.No.	Course	2019-2020				2020-2021				2021-2022		
		SI	AP.	LE (20-21)	Total	SI	AP.	LE (21-22)	Total	SI	AP.	Total
1	B.E. Auto	60	26	18	44	60	10	38	48	30	12	12
2	B.E. Civil	60	18	5	23	60	23	24	47	30	24	24
3	B.E. CSE	120	107	9	116	120	126	12	138	120	126	126
4	B.E. EEE	120	52	17	69	60	44	23	67	60	55	55
5	B.E. ECE	120	75	3	78	120	63	32	95	90	94	94
6	B.Tech. IT	60	60	1	61	60	60	6	66	60	63	63
7	B.E. Mech.	120	55	35	90	120	33	99	132	60	32	32
8	B.E. SFE.	0	0	0	0	60	10	47	57	30	13	13
9	B.Tech. PT.	0	0	0	0	60	0	0	0	0	0	0
10	MBA	60	60	0	60	60	30	0	30	60	60	60
11	MCA	60	2	0	2	60	33	0	33	60	60	60
12	M.E. CEM	18	11	0	11	18	9	0	9	12	12	12
13	M.E. ST	18	18	0	18	18	14	0	14	18	18	18
14	M.E. CSE	18	3	0	3	18	6	0	6	6	6	6
15	M.E. PED	18	5	0	5	9	5	0	5	6	5	5
16	M.E. CS	18	1	0	1	18	3	0	3	6	6	6
17	M.Tech. IT	18	1	0	1	18	2	0	2	6	6	6
18	M.E. ISE	18	18	0	18	18	18	0	18	18	18	18
Total		906	512	88	600	957	489	281	770	672	610	610

13.List of Research Projects/ Consultancy Works

Number of Projects carried out, Funding Agency, Grant Received

S. No	Agency	Title of the Proposal / Project	Investigators/ Dept.	Grants Received (Rs.)	Status
1.	ISTE, Delhi	Introduction to Machine Tools	Mr.M.Dinakaran	5000	Completed
2.	AICTE- PMKVY - TI, Delhi	Tyre Uniformity Operator	Dr. R.Venkatachalam Dr.P.Kanakarajan Mr.A.P.Kalidas	342125	Ongoing
3.	EDI/ DST	Entrepreneurship Awareness Camp	-	32,000/- (First Installment)	Completed
4.	ISTE	Power of Visual Learning	-	5,000	Completed
5.	AICTE	PMKVY – TI (2018-2019) Field Technician – Water Purifier other Home Appliances	Dr.P.Senthilkumar	3,82,500	Ongoing
6.	DBT, Ministry of Science and Technology. Govt.of India	Air Sampling and Monitoring in and around Tiruchengode Town.	Dr.P.Senthilkumar Mr.K.M.Raghu Mr.K.Chandrasekaran Mr.M.Bhuvaneshwaran Mr.J.Venkatesh	8,00,000	Ongoing
7.	TNSCST	Recent Trends in Robotics Engineering.	Mr.P.ManuneethiArasu Mr.P.Vignesh Mr.K.Perumal Mr.K.Selvaraj	Rs.20,000	Completed
8.	ICMR	Application of Bio degradable materials for tissue engineering	Mr. P.Jagadeesh Mr.S.Barathkumar Dr.A.V.Balan Mr.J.Venkatesh Mr.M.Bhuvaneshwaran Mr.D.Nithyanandan	Rs.40,000	Completed
9.	National Human Rights Commission (NHRC)	One Day Basic Training Programme on Human Rights	MBA	60000	Completed
10.	National commission for women	National competition for Legal Rights of Women	MBA	28500	Completed

11.	Centre for Faculty Development – FDTP online	Online Six Day-Faculty Development Training Programme	Dr. A. RajivKannan/CSE & Dr. V. Sharmila/CSE	35,000	Sanctioned
12.	RBI	National Conference on 'Initiatives and Challenges on Regulating Crypto Curriencies in India'	Dr. N.S. Shanthi/MBA	25,000	Completed
13.	NHRC – Dew Delhi	One Day Basic Training Programs on Human Rights	Dr. N.S. Shanthi /MBA	67,500	Completed

Consultancy work

S. No	Financial year	2021-2022
1.	Total No. of Consultancy Projects	05
2.	Total No. of Client organizations	05
3.	Total amount received (Amount in Rupees)	1,74,980.00

List of Consultancy

S. No	Name of the Client	Date	Amount
1	APTECH Ltd., Chennai	29.11.2021	1,01,430.00
2	EDUTEST Solutions Pvt., Ltd., Gujarat	15.07.2021	63,200.00
3	Mrs. M. Swathi, Door No.12, second street, Kootapali,Tirucengode.	09.2.2022	3000.00
4	Mr.M.Manivannan, Door No.7, second street, Kootapali,Tirucengode.	09.2.2022	1000.00
5	SSM Constructions Erode.	13.08.2021	6350.00
Total			1,74,980.00

Publications if any out of research projects in 2021-2022.

S.No	Year	No of Research Publications
1	2021-2022	46
2	2020-2021	161
3	2019-2020	164

14.Industry Linkage

S.No	Date of Signing & Validity	Organization	Purpose
1	25.05.2018	Erode District Civil Engineering Association	Providing placements, internship opportunities
2	19.01.2018 (3 Years)	Neptune Automation, Pvt.Ltd, Erode	To establish partnership on educational and research programmes
3	10.04.2018 (1 Year)	Ponni Sugars, Erode	Providing placements, internship opportunities and will train students by industry standards and work flow
4	25.07.2018 (1 Year)	Axis Global Automation, Coimbatore	Enhancing employability of the students by impart the skills in substation automation and Embedded system programming.
5	05.10.2018 (1 Year)	Ameya Foods, Coimbatore	Providing placements, internship Opportunities
6	18.01.2019	White Brothers Technologies, Coimbatore	To provide Value Added Courses for the students.

15.MoU with Industries (National) & (International)

S. No.	NAME OF THE MOU	YEAR OF SIGNING MOU	DURATION
1	Redfowl	28.12.2022	5 Years
2	Celonis	31.10.2022	2 years
3	Zaphire Information Technology And Services Private Limited	23.05.2022	3 years
4	Maximl Labs	19.11.2021	3 years
5	E - CAP Ennum Vazhikaatti	13.11.2021	3 years
6	Ashok Leyland	10.11.2021	3 years
7	Larsen & Toubro	20.09.2021	1 Year
8	Top Fresher's Technologies Private Limited	02.04.2021	1 Year
9	Lumina Datamatics Limited	31.03.2021	3 years
10	HireMee, Unit of Kaam Services PVT LTD	15.09.2020	3 Years
11	Great Lakes Learning Services Private Limited	17.02.2021	6 Months
12	Juniper Networks	01.07.2021	1 Year
13	Aspire Systems India Prvt Ltd	21.12.2019	1 Year
14	Augusta Hitech Soft Solutions Pvt Ltd	21.08.2019	2 years
15	Virtusa Consulting Services Private Limited	23.03.2019	3 years
16	Automation Anywhere	07.09.2018	3 years
17	E practo	10.04.2017	1 Year
18	Infosys Limited	07.11.2015	2 years
19	Cocubes	05.08.2015	3 years

16. Best practices adopted, if any,

❖ **Career Development Skills**

This course is introduced for all UG Programmes (B.E./B.Tech.,) programme towards shaping the students to excel in written and oral examination conducted by the software companies and core companies. The online test is conducted for all UG & PG students to test their skills.

❖ **Tutorial Classes** are conducted for all UG and PG Programmes in regular time table to improve the analytical skills of the students

❖ **Assignments** are made compulsory for all courses of UG and PG programmes to Improve self-learning. The students are quizzed on assignment questions to assess their level of understanding.

❖ **Technical Report Preparation and Presentation**

This is introduced for all UG Programmes (B.E./B.Tech.,) and M.E./M.Tech. programmes to improve the presentation and report writing skills of the students

❖ **Moodle:** Moodle is extensively used by students to access the course materials, Assignment questions and keys, Quizzes, Audio/video lecture and Glossary for all courses of study through internet and intranet.

❖ **National Programme on Technology Enhanced Learning (NPTEL)** has National programme on technology enhanced Learning (NPTEL) has been self study courses across engineering, humanities and sciences streams for a more than a decade. NPTEL has offering online certification for its courses, the highlight being the certification exam through which the faculty and students gets an opportunity to earn a certificate from IITs. K.S.R.College of Engineering, Tiruchengode was partnering as NPTEL- LOCAL CHAPTER. NPTEL local chapter in the college which will be under the headship of a faculty member in the college, he/she would be single point of contact(SPOC). SPOC updated about all the latest NPTEL initiatives and give him information which he can disseminate among the students. In KSRCE students and Faculty students and Faculty members are doing NPTEL courses regularly and get good marks.

❖ **IITM-PALS tieup**

Pan IIT Alumni Leadership Series (PALS), Aim to make engineering college students industry ready. PALS comprises of alumni from various Indian Institutes of Technology (IITs) in the country which offers a year-long program with various activities for students, faculty and management of Engineering Institutions. The objective of PALS has all along been on enhancing the quality of engineering education and making students graduating from these institutions, 'industry ready.' To achieve this, PALS has tapped into the vast pool of expertise available within the IITs alumni communities across the corporate, academic and entrepreneurial domains. K.S.R.College of Engineering, Tiruchengode was tied up with PALS, through which our interested students would get Internship and Projects.

❖ **Parametric Technology Corporation(PTC)**

One of the major problems facing the fresh graduates is their insufficient understanding of basic concepts. The lack of in-depth understanding of technical information, lack of client-handling skills and insufficient knowledge across domains are the major skill gaps in their area. Engineering students need to have hands-on training on the basis of the problems they are likely to encounter in the real world.

Initiatives like the Start-up India and Make in India are positive efforts taken by the government in this direction to boost employment opportunities for engineers. So it is a need of the day to enhance our Engineering students to become an industry ready skill engineer when they are passed out from our engineering colleges.

To achieve this future skill engineers, Parametric Technology Corporation (PTC) Bangalore along with Dysmech Consultancy Services Private Limited (DCS) Pune, has set up its first

of its kind facility in K.S.R.College of Engineering, Tiruchengode to provide human capital skill development for engineering students to support the core placements Ingenuity.

KSR-PTC Centre of Excellence (KSR-PTC) Programme which consists of setting up world class facility by establishing the 7 labs along with industry standard software, hardware, machineries and certified training under one roof for developing high quality skilled workforce of industry relevance.

❖ ICT ACADEMY

Increasing internationalization in teaching is strongly supported by the Indian education sector and is considered vital for Indian institutions in developing India's capacity in research and innovation, driving up India's institutional ranking and increasing the quality of teaching and learning. Thus, enhancing the academic and intellectual environment in the institutions by providing faculty members with ample opportunities. it would enable faculty members to update their research and pedagogical skills to produce quality graduates.

ICT academy has evolved a framework for course development, faculty training and student training. The framework has been made with focus in making the transmission of knowledge from the faculty to students highly effective with all the tools associated with the same. K.S.R.College of Engineering, Tiruchengode was partnering with ICT academy . It gives training faculty and , students followed by assessment and certification.

The measures initiated by the institution for the promotion of gender equality during last five years include:

- An Annual Gender Sensitization plan is published in the college website and awareness is created among the students.
- Women empowerment Cell organizes lectures, awareness programs and various competitions to motivate the young female students.
- In every class, one girl student is made the class representative. The girl students are encouraged to be top-level executives of various cells and clubs.
- To promote women leaders, the female faculties are appointed as HoDs, cells and clubs.
- Girl students are encouraged to participate in NSS and NCC. Their participation in NSS is around 30 - 40%
- Sessions on safeguarding the rights of female members are often conducted.
- Awareness programmes to underline the physical and mental health of women are organized regularly.
- The lack of knowledge and awareness about cyber laws results in youngsters getting trapped to cyber frauds; awareness talk about the Cybercrime defamation are conducted.
- Separate Ladies Buses are operated for safe travel of women.
- Hostel and college premises have 24 x 7 security support with CC TV surveillance cameras (40), along with 36 security guards at various locations round the clock.
- Anti-ragging Committee, Grievance Redressal Committee, Internal Compliance Committee and Disciplinary committee ensures safety and security in the campus for girl students and women faculty.
- Equal opportunities are provided to both gender students to participate in various curricular and co curricular activities without any bias.
- To encourage the girl students in curricular, co-curricular as well as extracurricular activities, KSRCE offers two special awards every year - "Best Outgoing Student (Girl)" and "Best overall Sports Person (Girl)".
- Women Physical directors are appointed for coaching and accompany with them for the events.