SCAD COLLEGE OF ENGINEERING AND TECHNOLOGY

Mandatory Disclosure

SCAD COLLEGE OF ENGINEERING AND TECHNOLOGY

AICTE File No	:	**F. No. Southern/1-9321294889/2021/EOA/**
Date & Period of last approval	:	Academic year 2021-2022

1. Name of the Institution

Name of the Institution	: SCAD College of Engineering and Technology
AICTE Institute Permanent Id	: 1-4314861
Address of the Institution	: SCAD College of Engineering and Technology, SCAD Nagar, Cheranmahadevi
City & Pin Code	: Tirunelveli- 627414
State / UT	: Tamilnadu
Longitude & Latitude:	
Longitude	: 77.5726° E
Latitude	: 8.6671° N
Phone number with STD Code	: 04634 261701/261731
FAX number with STD Code	04634 261701
Office hours at the Institution	: 9.00 am to 5.30 pm
Academic hours at the Institution	: 9.00 am to 4.30 pm
Email	: principal@scadengineering.ac.in
Website	: http://scadengineering.ac.in/

Nearest Railway Station (dist in Km)   : Cheranmahadevi

Nearest Airport (dist in Km)   : Vagaikulam, Tuticorin

2.   Type of the Institution

Type of the Institution   : Private-Self Financed

Category (1) of the Institution   : Minority

Category (2) of the Institution   : Co-Education

3.   Name and address of the Trust/ Society/ Company and the Trustees

Name of the organization running the Institution: Social Change Development

Type of the organization   : Trust

Address of the Organization   : 105/A1 Bye Pass Road,
 Tirunelveli, TamilNadu,627003

Registered with   : The Trust Registered under
 the Companies Act 1956

Registration date   : 375/1994 28.07.1994

Website of the organization   : www.scad.ac.in

4.   Name of the affiliating University

Name of the affiliating University   : Anna University

Address   : Guindy, Chennai – 600025

Website   : http//www.annauniv.edu

Latest affiliation period   : For the Academic year 2022-
2023 (1st June 2022 to 31st May
2023)

5. Name of the Principal

Name of the Principal / Director   : Dr.A.Justin Diraviam

Exact Designation   : Principal

Phone number with STD Code   : 04634 261701/261731

FAX number with STD Code   04634 261703
Email   :principal@scadengineering.ac.in

Highest Degree   : Doctorate – Ph.D

Field specialization   : Computer Machine Vision

6. Governing Body

Governing Body   **:** Twice in a year
Frequency of meetings

<div align="center">MEMBERS OF THE GOVERNING BODY</div>

S.No	Name	Position in the BOG	Qualification	Present Designation/Occupation	Mobile No.	Address
1	Dr. S. Cletus Babu	Chairman	Phd-Social studies	Chairman SCAD groupof institutions	9443218259	10, Vannarpettai, Tirunelveli
2	Dr. X. Amali Cletus Babu	Member	Phd-Social studies	Vice Chairperson, SCADgroup of institutions	9443218259	10, Vannarpettai, Tirunelveli
3	Mr. C. ArunBabu	Member	BE- ECE	MD, SCAD group ofinstitutions	9443218259	10, Vannarpettai, Tirunelveli
4	Mr. V. Williams	Member	MSc	Secretary, SCAD group	9942978674	10, Vannarpettai, Tirunelveli
5	Dr. K. Jeyakumar	Member	PhD – MECH	General Manager (D)SCAD Group	9994166717	61, Tamil Nagar, NGO 'A' Colony Extension, Tirunelveli-627007
6	Dr.A.Justin Diraviam	Member	PhD -CSE	Principal SCADCET	9486285644	48, Sakthi Nagar, Palayamkottai -2
7	Mr.Jeyapandi	Member	ME-MECH	Administrative Officer,SCADCET	8012551474	7/61, North street, sembatti, periyur-625705
8	Dr. Rajakumar	Member	PhD-MECH	Asso Prof - AU R.O.TVL	9894307215	Regional Office, Anna University, Tirunelveli

9	Dr. N. Shenbaga Vinayaga moorthy	Members	PhD-MECH	Asso Prof - AU R.O.TVL	9942978674	Regional Office,Anna University, Tirunelveli
10	Dr. V. Joseph Albert	Member	PhD - English	Dy. Principal, SXC	9942978674	St. Xavier's College,
11	Rev. Fr. Dr. Peter Xavier	Members	PhD - Business Administration	Director, SJC-BusinessAdmin	9942978674	St. Joseph College of Business Administration, Bangalore
12	Dr. R. Perumalsamy	Members	PhD-Technology	Vice Chancellor, NoorulIslam University	9942978599	Kumarakoil, Thuckalay, Kanyakumari Dt.

Frequency of meetings: Twice in a Year

Organizational Chart and Processes

The administration team consists of the Principal with core team members. The heads of departments are vested with authority to make decisions with respect to most of their department matters.

The tasks are decentralized and taken care of by the following coordinators in each department:

S.No	Role	Tasks
1	Head of the Department	Responsible for all the academic affairs of the Department. Looks after day to day activities relating to teaching and other workloads of his/her teaching and non-teaching staff. Looks after the matter related to R & D, Consultancy and Research Publications
2	Academics Coordinator	Responsible for teaching and learning process.
3	Placement Coordinator	Responsible for enhancing and sustaining the network with industries for mutual benefits[Placement Drive, Off-campus]
4	R&D Coordinator	Responsible for design development and deployment of OBE processes for the department
5	Infrastructure Coordinator	Responsible for development of department infrastructure as needed.
6	Exam cell Coordinator	Responsible for all examination related activities of the department – liaises with exam cell
7	Entrepreneurship Coordinator	Responsible for enhancing the entrepreneurial knowledge and skills via structured training programmes
8	Training and Skill coordinator	Responsible for coordinating the offering of professional skills courses

Nature and Extent of involvement of Faculty and students in academic affairs/improvements

Faculty

The following are the various bodies of the institution constituted asper the recommendations of statutory bodies. Faculty members are involved in decision making, perspective plan in all the following bodies.

- Governing Council
- Internal Quality Assurance Cell
- Grievance Redressal Committee
- Planning and Monitoring Board
- Discipline and Welfare committee
- Anti-Ragging Committee
- Library Advisory Committee

Students

The Institute also encourages student's representations in various Academic and Administrative bodies, such as,

- Professional Body memberships (IEEE, SAE, CSI, etc.,)
- Anti ragging committee
- Club memberships (Fine arts, YRC, etc.,)
- Departmental student Association

Governing Council

The Governing Council governs the overall functioning of the Institution through other statutory bodies and administration team. The Council reviews the major academic activities, implementation of government policies, financial position of the Institution, performance of students and staff and suggests policies to improve the quality of education at the college.

Academic Council

The Academic Council is the principal academic body of the Institution and shall, subject to the provision of the Rules, have the control over and be responsible for the maintenance of standards of teaching, research and training, approval of syllabus, coordination of research activities, examinations and tests within the Institution.

Finance committee

The Finance Committee advises the Governing Council on financial matters. It shall prepare income and expenditure statements of the college in the prescribed format for fixation of tuition and others fees of the college. The Finance Committee will be an advisory body to the Governing Council.

> **Student Feedback Mechanism on Institutional Governance/Faculty Performance**

Feedback on aspects such as faculty performance and governance at the institution is collected informally during interaction meetings, class committee meeting, course committee meeting and also through E mail.

a. Interaction meeting:

Meetings are periodically organized with students and students' representatives by the Principal, Core Team, HoDs', Head of sections and other coordinators. During such meetings feedback on specific agenda as well as other aspects including governance and faculty performance are collected. Actions as required are initiated based on the feedback.

b. Class committee meeting:

Class committee meetings are conducted thrice in every semester with four student representatives and all faculty members handling classes to discuss various aspects of teaching learning. A senior faculty acting as the convener collects feedback on various aspects including governance and faculty performance. The convener communicates the minutes of meeting to the HoD along with requests for actions if any. Actions as required are initiated based on the minutes.

c. Course committee meeting:

Course committee meetings are conducted every semester for multiple section courses with students and respective course handling faculty members and convened by course coordinator. Course coordinator collects feedback on various aspects including faculty performance.

The convener communicates the minutes of meeting to the HoD along with request for actions if any. Actions as required are initiated based on the minutes.

d. Email:

Students represent matters pertaining to governance and faculty performance amongst others directly to Principal, Core Team, HoD and others through email as and when required. Based on the nature of representation, actions are initiated.

Every semester formal feedback on faculty performance and governance amongst others is collected from students. Feedback on faculty performance is analyzed and actions if required are taken by HoD concerned based on the analysis.

➢ **Grievance Redressal Mechanism for Faculty, Staff and Students**

The College has established a Grievance Redressal Cell, as proposed by the University Grants Commission in New Delhi, to provide a system for resolving student issues, ensuring transparency in admissions, and preventing unfair practices, among other things. A Grievance Redressal System (GRS) is a method for receiving and acting on complaints or grievances submitted by stakeholders of institutions, allowing for faster resolution of any issues highlighted and more effective service delivery. The cell's function is to investigate and determine the merits of any complaints made by students. Harassment cases can also be investigated by the Grievance Cell. Anyone with a legitimate complaint may approach personnel of the department in person or in consultation with the officer in charge of the Grievance Redressal Cell. Grievances can also be sent to the officer in charge of the Student Grievance Cell by e-mail.

The following Grievance Redressal Committees have been constituted and functioning effectively and the meetings are convened whenever necessity arises. The recommendations of the committee are submitted to the Principal and Management for Redressal of the same for further action.

GRIEVANCE REDRESSAL COMMITTEE

Sl.No	Name of the Faculty	Designation	Position	Email & Mobile no
1	Dr.A.Justin Diraviam	Principal	Chairman	principal@scadengineering.ac.in 9486285644
2	Dr.Antony Vasantha Kumar	Associate Professor of Mechanical Engg	Member secretary in General	mechhod@scadengineering.ac.in 9489161661
3	Mrs Sheela Daniel	Assistant Professor of CivilEngg	Member Secretary (Women)	civilhod@scadengineering.ac.in 9791268323
4	Dr.J.Relin Francis Raj	Associate Professor of of ECE	Member	ecehod@scadengineering.ac.in 7904826636
5	Dr. Ezhil E Nithila	HOD of Electronics and Communication Engg	Member	ezhilnithila@scadengineering.ac.in 9442530414
6	Mrs.Vegi Fernando	HOD of Computer Science Engineering	Member	csehod@scadengineering.ac.in 9566741638

Establishment of Anti Ragging Committee

Anti-Ragging Committee – Members Nomination 2022

The following members are nominated as Anti Ragging committee members for the year 2022-2023.

S.No	Name	Designation	Category	Contact Number	Email ID	Address
1.	Dr.A.Justin Diraviam	Professor	Principal	9942978676	principal@scadengineering.ac.in	Principal office, SCAD CET
2.	Mr.R.Thiruvalan	Inspector	Police Department	9498210082	cheraips@gmail.com	Cheranmahadevi-627414
3.	Mr.Aanandhaperumal	Trustee, Kavinkalaikoodam trust	NGO	9443444478	kavinkalaikoodamtvl@gmail.com	1/121R - Rose garden, kondanagaram, Tirunelveli 627010
4.	Dr.R.Karthi Ganesh	Associate Professor	Faculty representative	9488079777	kartikganesh@scadengineering.ac.in	Department of CSE, SCAD CET
5.	Dr.C.Antony VasanthaKumar	Professor	Faculty representative	9489161661	findvasanth@scadengineering.ac.in	Department of Mechanical, SCAD CET.
6.	Dr.Relin Francisraj	Associate Professor	Faculty representative	9994715677	relinfrancisraj@scadengineering.ac.in	Department of ECE, SCAD CET.
7.	Mrs.R.Sheela Daniel	Associate Professor	Faculty representative	9791268323	sheeladaniel@scadengineering.ac.in	Department of Civil, SCAD CET.
8.	Mrs.A.Vegi Fernando	Associate Professor	Faculty representative	9566741638	vegifernando@scadengineering.ac.in	Department of CSE, SCAD CET
9.	Mr.S.Chakravarthy	Managing Director, CS Traders	Parent Representative	9442009368	Chakravarthy24091960@gmail.com	28, YamunaiNathi Street, Ambasamuthram, Tirunelveli- 627401
10.	Mr.V.Ayyasamy	Headmaster	Parent Representative	7395884692	Ayyasamy1965@gmail.com	15, Rastha south street, Melacheval, Tirunelveli - 627452

S.No	Name	Designation	Category	Contact Number	Email ID	Address
11.	Mr.Vignesh	IV MECH	Student Representative	9159825234	pk.vigneshvicky@gmail.com	6-4-111/1A, Petchiammankovil street, Ayikudi, Tenkasi - 627852
12.	Mr.Yacobu Jebasingh	III CIVIL	Student Representative	6379761011	yacobujebasingh.ug19.ci@scadengineering.ac.in	2/133-5, Main Road, MelaUppoorani, Tirunelveli- 627414
13.	A.Sreemathi	II CSE	Student Representative	6383018403	sreemathi2405@gmail.com	15, Rastha south street, Melacheval, Tirunelveli - 627452
14.	Mr.Gowthaman	Technician	Non- teaching Representative	6382330742	gowthaman6379@gmail.com	Department of Mechanical, SCAD CET.
15.	Mrs.Malliga	Technician	Non Teaching Representative	9944746678	mailligasiva1967@gmail.com	Department of Civil, SCAD CET.
16.	Mr.S.Suresh	Superintendent, Student affairs	Staff, SCAD	9597738349	sureshen81@gmail.com	Office, SCADCET
17.	Mr.P.Prem Chandar	Assistant Professor/ English	Deputy warden, Boys Hostel	8825955224	kannang@scadengineering.ac.in	Boys Hostel, SCADCET
18.	Mrs.P.Selva Rani	Deputy warden	Deputy Warden, Girls Hostel	9786747738	selvarani7738@gmail.com	Girls Hostel, SCAD CET.

The term of office of the members is for the academic year 2022-2023 only, and the following are the duties and responsibilities of the Anti-Ragging Committee.

- ➢ To ensure compliance with the provisions of UGC regulations as well as the provisions of any law for the time being in force concerning ragging.
- ➢ To monitor and oversee the performance of the Anti-Ragging Squad in prevention of ragging in the college.

Anti-Ragging Squad – Members Nomination 2022

The following members are nominated as Anti Ragging committee members for the year 2022-2023.

S.No	Name	Designation	Category	Contact Number	Email ID	Address
1.	Dr.R.Arul Jose	Associate Professor	Faculty representative	9443835956	aruljose@scadengineering.ac.in	Department of EEE, SCAD CET
2.	Dr.R.Karthi Ganesh	Associate Professor	Faculty representative	9488079777	kartikganesh@scadengineering.ac.in	Department of CSE, SCAD CET
3.	Mr.P.Prem Chandar	Assistant Professor/	Deputy warden, Boys Hostel	8920047525	prem@scadengineering.ac.in	Boys Hostel, SCADCET
4.	Mrs.P.Selva Rani	Deputy warden	Deputy Warden, Girls Hostel	9786747738	selvarani7738@gmail.com	Girls Hostel, SCAD CET.
5.	Mr.M.Senthil Kumar	Assistant Professor	Faculty representative	6380037878	senthilkumar@scadengineering.ac.in	Department of Mechanical, SCAD CET.
6.	Mr.Pradeep De Joe	Assistant Professor	Faculty representative	9865082808	mspradeep@scadengineering.ac.in	Department of MBA, SCAD CET.
7.	Mr.P.Prem Chandar	Assistant Professor/	Residential Tutor, Boys Hostel	8825955224	kannang@scadengineering.ac.in	Department of English,SCAD CET.
8.	Mrs.S.Jeyasri Lakshmi	Assistant Professor	Faculty representative	8610824587	jeyashrilakshmi@scadengineering.ac.in	Department of Chemistry, SCAD CET.
9.	Mr.M.Asirvatham	Assistant Professor	Faculty representative	8012909867	asirvatham@scadengineering.ac.in	Department of ECE, SCAD CET.
10.	Ms.P.S.Nisha	Assistant Professor	Faculty representative	8883636006	exalinbibila@scadengineering.ac.in	Department of Civil, SCAD CET.

ESTABLISHMENT OF SC/ST CELL

Scheduled Castes (SC) and Scheduled Tribes (ST) have been identified as the two most backward groups of Indian Society. They include all the castes, races or tribes, which have been socially, economically and educationally backward. The cell has been established to support and to bring students from such communities to build their academic, self and social wealth. The SC/ST cell of the college was established with the purpose to empower the SC/ST students in the college.

In order to fulfill the guidelines as stated in the SC/ST (Prevention of Atrocities) Act, 1989, a committee for SC/ST is established with the following members.

COMMITTEE MEMBERS OF SC/ST CELL

S.No	Name	Designation	Contact Number
1	Dr.A.Justin Diraviam	Principal	9486285644
2	Mr.S.Selva Sudhakar	AP/Mech	7010689711
3	Mr.M.Asirvatham	AP/ECE	8012909867
4	Mrs.V.P.Salini	AP/ S&H	9585840218
5	Mrs.S.Rama Lakshmi	AP/CSE	8870367871
6	Mr.M.Ratheesh	AP/Civil	7094120145

Planning and Monitoring Committee

S.No	Name	Position	Designation	Contact Number
1	Dr.A.Justin Diraviam	Chairman	Principal	9486285644
2	Dr.C.Antony VasanthaKumar	Member	ASP/Mech	9489161661
3	Mr.S.Venkatasubramanian	Member	Asso.Prof/ Mech	8807088050
4	Mr.Jeyapandi	Member	Asst.Prof/Mech	8012551474
5	Mrs.Arogya Preskilla	Member	Asst.Prof/CSE	9626322572
6	Mrs.Valli	Member	Asst.Prof/Maths	9894022975

INTERNAL COMPLAINT COMMITTEE (ICC)

Grievance Redressal Mechanism for Faculty, Staff and Students

Grievance Redressal Committees have been constituted in order to monitor various activities of the same. It is understood that constituted committee is functioning well and meetings are taking place whenever necessity arises. The principal and the management are presented in the recommendations of the committee and further requested with the Redressal of the same for action.

Grievance Redressal Committee

S.No.	Name	Category	Present Designation/Occupation	Mobile No.	Address
1	Dr.A.Justin Diraviam	Member	Principal	9486285644	48, Sakthi Nagar, Palayamkottai -2
2	Mr.S.JeyaPandi	Member	Administrative Officer	8012551417	7/61 North street Peraiyur ,Madurai 625705
3	Mr.M.Senthil Kumar	Member	AP/MECH	8940665988	9A,1/17 North Sathiram Street , RV Compound V.K.Puram 627425
4	Mrs.J.Ebens Nikshya	Member	AP/ECE	9791268323	1/64A Mariammal Street , Kurumpanai Post, Kanyakumari 629251
5	Mrs.Vimala N	Member	AP/CSE	9994076053	14 Canara Bank Colony 3rdStreetExtension, NoyalNagar,NGO A Colony Palayamkottai 627007
6	Ms.Supriyadharshini	Member	STUDENT-CIVIL	9385532248	35A Adaviyar Street Ambasamudram 627401

7	Ms. Seetha	Member	STUDENT-CSE	7397584143	293 South street,moolachi,627416
8	Ms.Preethi	Member	STUDENT-ECE	8870392132	65/A, East Street, Kottaivilaipatti, V.K.Puram 627 425.
9	Mrs. Malika	Member	NTS	9944746678	400/1 MelmugaNadar street kallidaikurichi 627416
10	Mrs.Subbulakshmi	Member	NTS	9500292192	3/5 Krishnan Kovil Street Kalakulam,Veeravanallur 627426

Discipline and Welfare Committee

S.No.	Name	Position	Category	Mobile No.	E-mail id
1	Dr.A.Justin Diraviam	Member	Head of the Institution	9486285644	principal@scadengineering.ac.in
2	Mr.S.JeyaPandi	Member	Administrative Officer	8012551417	ao@scadengineering.ac.in
3	Dr.R.Karthi Ganesh	Member	Senior Faculty	9488079777	kartikganesh@scadengineering.ac.in
4	Mrs.A.Vegi Fernando	Member	Senior Faculty	9566741638	vegifernando@scadengineering.ac.in
5	Mr.P.Prem Chandar	Member	Warden/Boys Hostel	8825955224	kannang@scadengineering.ac.in
6	Dr.Relin Francisraj	Member	ASP/ECE	9994715677	relinfrancisraj@scadengineering.ac.in
7	Mrs.R.Sheela Daniel	Member	AP/Civil	9791268323	sheeladaniel@scadengineering.ac.in

Programmes

Name of Programmes approved by AICTE: UG Programmes

1. B.E. – Civil Engineering
2. B.E. – Computer Science and Engineering
3. B.E. – Electronics and Communication Engineering
4. B.E. – Electrical and Electronics Engineering
5. B.E. – Mechanical Engineering

UG Programmes

1. MBA - Master of Business Administration
2. M.E - Computer Science and Engineering
3. M.E –Applied Electronics
4. M.E – Power Electronics and Engineering

Permanent Faculty: Student Ratio:

Permanent Faculty	115
Total students	1069
Faculty – Student Ratio	1:10

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

Sl. No	Programme	Non Accredited	
		GQ	MQ
1	B.E. Civil Engineering	50000	85000
2	B.E. Computer Science and Engineering	50000	85000
3	B.E. Electronics and Communication Engineering	50000	85000
4	B.E. Electrical and Electronics Engineering	50000	85000
5	B.E. Mechanical Engineering	50000	85000

UG: As per Proceedings of the committee on Fixation of fee in respect of Self Financing Professional Colleges Proc.No.CFF/UG/ Engineering / Fees / 029 / 2019, Dated:28.05.2019.

➢ **Time schedule for Payment of fee for the entire programme**

Yearly fees - During the beginning of ODD semester of every Academic year.

➢ **No. of Fee waivers granted with amount and name of students : NIL**

➢ **Number of scholarship offered by the Institution, duration and amount**
Government offered Concession :-

1. Tuition fees waiver to First Generation Graduates students for OC,BC,MBC,SC & ST Students (
   As per Tamil Nadu Govt Norms)

   Non - Accredited course - Rs 25000/- per year for GQ Students

2. Post Metric Scholarship -Tuition Fees Concession for SC & ST Students (As per Tamil Nadu
   Govt Norms)

   Non - Accredited course - Rs 50000/- per year for GQ Students

Management offered scholarship:

Coastal Students Scholarship

Year of Study Amount

I Year	10000/- Per Student
II Year	10000/- Per Student
III Year	10000/- Per Student
IV Year	10000/- Per Student

> ➤ **Criteria for fee waivers /scholarship:**

S.No	Name of Scholarship	Eligibility
1.	Tamil Nadu State Government Scholarship for BC / MBC Students	➤ Only Government Quota students are Eligible ➤ Annual Income of parent : Below 2Lakhs
2.	Tamil Nadu State Government Scholarship for SC / ST Students	➤ Both Government Quota & Management Quota Students are Eligible ➤ Annual Income of parent: ▪ SC/SCA/ST **:** Below 2.5Lakhs ▪ Converted Christian (Adi Dravidar) Annual Income : Below 2Lakh
3	Special Scholarship for SC/ST Students	➤ Students should be a hostler from any district. (except near by district) ➤ Both Government Quota & Management Quota Students are Eligible ➤ Annual Income of parent: ▪ SC/SCA/ST **:** Below 1Lakhs
4	Chief Minister Award Scholarship for SC/ST Students	➤ Based on the Eligible Mark every year declared by the Tamilnadu Government.

Criteria and weightage forAdmission

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

HSC (Academic):

   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 including Backward Class Muslim	40.00%
3.	MBC & DNC	40.00%
4.	SC / SCA / ST	40.00%

HSC (Vocational) :-

   A pass in any one of the HSC (Vocational subject) with any one of the Engineering related subjects with a minimum average percentage put together as given below:

S. No.	Community	A Pass with Minimum average marks in related subjects, Vocational Theory and Practical put together
1.	General Category	50.00%
2.	Backward Class including Backward Class Muslim	45.00%
3.	MBC & DNC	40.00%
4.	SC / SCA / ST	40.00%

INFRASTRUCTURE

HOSTEL AND BOARDNG FACILITES

One of the key contributors to an intensive learning experience is providing accommodation facilities in campus. A well-furnished and aesthetically designed hostel with separate wings for boys and girls has been constructed with a view to provide best possible facilities to the students.

Hostel at SCAD College of Engineering& Technology is located in the same campus and is nearby from the institute building. Campus is under the surveillance of CCTV camera and provides safe environment for the candidates. Hostel has facilities like RO water purifier, water cooler, a common room with TV, study room, prayer hall, and playground which creates a homely atmosphere.

Rooms

The Men's hostel at SCADCET is a three storied building with 55 rooms. Students can opt for room of their own choice that offers double occupancy as per student's own need. The rooms are bright, spacious, comfortable, clean and airy. All hostel rooms have 24 hours internet access. The Internet and the Intranet of the Institute enables the students to constantly interact with each other and be connected to the outside world.

Ground Floor – 19 rooms

First Floor – 18 rooms

Second Floor – 18 rooms

GIRLS HOSTEL

BOYS HOSTEL

MESS

Spacious dining area with adequate tables, chairs and RO filtered drinking water with a well maintained and hygienic kitchen is a part of SCADCET hostel.

LIBRARY BOOKS AND JOURNAL DETAILS

S.NO	Department	No. of Titles	No. of Volumes	Journals/Magazines		Online Journals/
				National	International	MagazinesIEEE
1	B.E. Computer Science & Engineering	2010	9565	9	6	25
2	B.E. Electrical & Electronics Engineering	2186	4760	7	3	54
3	B.E. Electronics & Communication Engineering	1997	6952	7	7	41
4	B.E. Mechanical Engineering	1965	6528	6	6	13
5	B.E Civil	550	2390	7	6	12
	Science & Humanities	4455	7792	13	6	16
6	Master of business administration	1075	2852	12	12	15
7	M.E. Applied Electronics	405	885	5	5	17
8	M.E. Computer Science & Engineering	545	1659	5	5	20
9	M.E. Power Electronics & Drives	320	550	5	5	8
	TOTAL	**19975**	**43933**	**76**	**61**	**221**

Membership of National Digital Library (NDL)

SCAD COLLEGE OF ENGINEERING& TECHNOLOGY has membership NDLI CLUB- National Digital Library of India.

- Club Registration Number : **INTNNC5RAAE9SER**

- National Digital Library of India (NDLI) is a virtual repository of learning resources which is not just a repository with search/browse facilities but provides a host of services for the learner community.

	URL link	e- content
National Digital Library of India — One Library All of India	https://ndl.iitkgp.ac.in/	217,438+ Journal 6,969,419+ books

N-LIST subscription details:

SCAD COLLEGE OF ENGINEERING& TECHNOLOGY has membership N-LIST stands for "National Library and Information services Infrastructure for Scholarly Content". The programme was funded by the MHRD under NME-ICT to extend access to selected e-resources to colleges covered under Section 12B of UGC Act as well as Non-aided colleges during from 2010 - 2013. The programme has subsumed under e-ShodhSindhu Consortium as college component from year 2014 being funded by UGC.

The N-LIST covers all the disciplines viz. Pure Sciences, Social Sciences and Humanities including Linguistic and Languages. However e-resources in engineering, agriculture and medicine are not covered under the N-LIST programme.

N-LIST INFLIBNET	URL link	e- content
	https://nlist.inflibnet.ac.in/collegeadmin/vdashboard.php	6,000+ Journals
	https://nlist.inflibnet.ac.in/	1,64,300+ e books

PORTABLE WATER SUPPLY AND OUTLETS FOR DRINKING WATER AT STRATEGIC LOCATIONS

To meet the competence of providing drinking water facilities and maintain adequate hydration water dispensaries are installed in each department, administration offices and at various venue in the campus. Drinking water acts as a healthy alternative to sugar-sweetened beverages. Sufficient intake of water is crucial for students for many reasons: to regulate body temperature, keep joints lubricated, prevent infections, deliver nutrients to cells, and keep organs functioning properly.

The following are the drinking water outlets installed at various venues in SCAD College of Engineering and Technology.

Total Number of RO Water Plant – 4

3 RO water plants- 500lit capacity.

1 RO water plant- 250lit capacity.

RO PLANT-2 (500 Lit Capacity) @ SCADCET MAIN BLOCK

RO PLANT-1 (500 Lit Capacity) @ DINING HALL

RO PLANT-3 (250 Lit Capacity) @ CIVIL & MECHANICAL ENGINEERING BLOCK

RO PLANT-4 (500 Lit Capacity) @ HOSTEL

WATER DISPENSERS @ VARIOUS LOCATION

FIRE AND SAFETY

தமிழ்நாடு தீயணைப்பு-மீட்புப் பணித்துறை
படிவம்-41

ஒ.மு.எண். 328/ஆ/2022

நாள். 17 .02.2022

மாவட்ட அலுவலர் அலுவலகம்,
தீயணைப்பு -மீட்பு பணிகள்,
திருநெல்வேலி மாவட்டம்.

தடையின்மைச் சான்று

பொருள்: தீயணைப்பு- மீட்புப்பணித் துறை - திருநெல்வேலி மாவட்டம் -
கட்டிடங்கள் சட்டமும் விதிகளும் - தீஅபாயமிக்க
இடங்களுக்கு தடையின்மை சான்று வழங்குதல்.

பார்வை: 1) திருநெல்வேலி மாவட்டம், சேரன்மகாதேவி, SCAD College
of Engineering & Technology இன் முதல்வர் விண்ணப்பம்.

2) 29.01.2022 நாளிட்ட சேரன்மகாதேவி நிலைய அலுவலர்
(போக்குவரத்து) ஆய்வறிக்கை ந.க.எண். 24/V/2022.

திருநெல்வேலி மாவட்டம், சேரன்மகாதேவி தாலுகா, சேரன்கோவில்பத்து கிராமம்,
ஸ்காட் நகர், சர்வே எண். 229, 243, 244 மற்றும் 245 என்ற முகவரியில் உள்ள இடம் 25.01.2022 அன்று
நிலைய அலுவலர் (போக்குவரத்து), சேரன்மகாதேவி என்பவரால் ஆய்வு செய்யப்பட்டது.

அவ்விடத்தில் தரைதளம், முதல்தளம், இரண்டாம் தளம் மற்றும் மூன்றாம் தளம் (G+3)
கொண்ட கட்டிடத்தில் "SCAD College of Engineering & Technology" என்ற பெயரில் கல்லூரி
நடத்த கீழ்கண்ட நிபந்தனைகளுக்குட்பட்டு தீயணைப்பு மற்றும் மீட்புப் பணித்துறையின்
தடையின்மைச் சான்று வழங்கலாகிறது.

நிபந்தனைகள்

1) மேல்நிலை / கீழ்நிலை நீர்தேக்க தொட்டிகளில் எந்நேரழும் நீர் நிரப்பி அவசர காலங்களில்
பயன்படுத்த தயார் நிலையில் இருக்க வேண்டும்.

2) தீயணைப்பான்கள் காலமுறையாக மறுநிரப்பம் செய்தும் தீவானிகள் எந்நேரமும் பயன்படுத்தும்
வகையில் இருக்க வேண்டும்.

3) முதலுதவி பெட்டிகள் அவசர காலத்தில் பயன்படுத்த தயார் நிலையில் வைக்க வேண்டும்.

4) வராண்டா / நடைபாதை ஆகியவற்றில் தேவையற்ற பொருட்களை தடை ஏற்படும் வகையில்
வைக்காமல் காலியாக விடப்பட வேண்டும்.

5) பக்கத்திறவிடங்கள் அவசர கால ஊர்தி மற்றும் நோயாளர் ஊர்தி எளிதில் அணுகும் வகையில்
காலியாக விடப்பட வேண்டும்.

6) பணியாளர்களுக்கு தீயணைப்பு உபகரணங்களை கையாளுவதற்கு காலமுறையாக பயிற்சி
அளிக்கப்பட வேண்டும்.

7) அவசர கால ஒத்திகை பயிற்சி (Mock Drill) ஆறு மாத காலத்திற்கு ஒருமுறை நடத்தப்பட
வேண்டும்.

8) NBC 2016 part IV ல் குறிப்பிடப்பட்டுள்ள தீ மற்றும் உயிர் பாதுகாப்பு முன்னெச்சரிக்கை விதிகளை
தவறாது பின்பற்றப்பட வேண்டும்.

9) இத்தடையின்மைச் சான்று வழங்கப்பட்ட நாளிலிருந்து ஓராண்டுக்கு மட்டும்
செல்லத்தக்கதாகும்.

அலுவலக முத்திரை

17 FEB 2022

மாவட்ட அலுவலர்,
தீயணைப்பு-மீட்புப்பணித்துறை,
தூத்துக்குடி மாவட்டம்,
முகூபொ.திருநெல்வேலி மாவட்டம்.

IQAC CELL

As per instructions by the Managing Committee, it has been asked to establish Internal Quality Assurance Cell (IQAC) in our college. All the academic activities have to be routed through IQAC. Keeping the National Education Policy and globalization challenges in the recent times in higher education, IQAC will function actively and engage in the development and implementation of quality benchmarks. The stakeholders including students, teachers, administrative staff members, alumni, and industry professionals will be involved to ensure and sustain quality standards in SCADCET.

IQAC shall develop systems and processes for:

- Ensuring performance of academic, administrative, and financial tasks on timely, efficient, and progressive basis;
- Social integration of academic programmes and its access to and affordability of academic programmes;
- Integration and optimization of modern methods of teaching and learning;
- The credibility of assessment and evaluation process;
- Monitoring and ensuring the adequacy, maintenance and proper allocation of support services and infrastructure;

The composition of the IQAC is as follows: Chair Person – Principal

Coordinator- Dr.M.Palpandian
Teachers – 1) Dr.Arul Jose – Prof.TSD
2) Dr.K.Hari Babu – Prof.R & D
3) Dr.Allwyn Kingsly Gladson – Prof. Placement
4) Prof.Petchimuthu – Prof.Alumni
5) Dr.Ann Rufus –Prof.Marketing
6) Mr.Venkatasubramanian – Prof.Admission
7) Mr.P.Neopolean M.E.,(Ph.D) HOD/Mech
8) Dr.Ezhil E.Nithila –HOD/ECE
9) Dr.V.Rajalakshmi – HOD/MBA
10) Mr.A.Rajesh, M.E.,(Ph.D) – HOD/EEE
11) Mrs. Vegi Fernando – HOD/CSE
12) Mr.V.Krishna Shankar – HOD/ Civil
13) Mrs. Preskilla – Management Team

Administrative Officers Mr.Jeyapandi
Local Society – 1) Mr.Charles NIRMAN project
Student – 1) Mr.Kallathiyan Mechanical
Alumni – 1) Mr.G.M.Vineeth ISRO Scientist
Employer –1) Mr.R.Venkatesh, Project Director, SUSIN
            Technologies,Coimbatore
Industralist – 1)Mr.Vijay Elegant Power systems, Chennai
Stake Holder –1)Ms.Sivaranjini, TCS

It was unanimously agreed that the work will be directed as per the guidelines of the IQAC.

ELECTRIC GRID POWER SUPPLY SYSTEM

➢ SCADCET has 11 KV HT power supply.

➢ One number of 400 KVA transformers.

➢ The maximum load demand of our college is 99kW.

➢ We have a separate capacitor bank to maintain the power factor of the supply.

➢ The supply is distributed through circuit breaker for safety.

➢ The electricity network in the college is protected by well set and maintained grounding, which adds up additional safety.

➢ The step down transformer, steps down the voltage level from 11kvA to 400V,3 phase 50 hertz supply

Step Down Transformer

BACKUP ELECTRIC POWER SUPPLY

➢ College has well equipped Kirloskar 125 kVA Diesel generator that can support 24 hours uninterrupted power supply.

➢ 100% power backup with diesel generator.

➢ Generator facility is given to each and every corner of the college, which includes laboratories, class rooms, library, hostel, canteen, etc.

➢ The maximum load demand of our college is 99kW.

➢ All computer systems are connected to "ON LINE" UPS units

➢ The generator is well maintained.

➢ Availability of diesel is monitored regularly with back up.

Kirloskar 125 kVA Diesel generator

SPORTS FACILITIES:

The institution has adequate facilities for sports, games (indoor, outdoor, gymnasium, yoga centre etc.,) and cultural activities

About The Department

The physical education and sports department strongly focusing an upgrading the physical and mental health of the individual players. Which result in the development of dynamic personalities the leads and individual to create a special place in the society the sports activities and achievements has helped many individual to secure better job opportunity the clean along with the natural gift of fresh air is a boosting asset, which motivates the players to perform better. The sports activities were carried out by the department of physical education SCAD College of engineering and technology was greatly helped in conducting the various sports activities time to time and spread the scope and importance of sports among the youngsters. The every year also involves the organization of the intramural tournament in various games.

The sports activities concentrate on both the indoor games and outdoor games. The indoor games have spacious court and facility to cater the needs of the students. The Indoor and Outdoor sports activities are utilized by the students both in the morning and evening time and specific time schedules are allocated for boys and girls separately. The students also participate in various games like table tennis, chess, carom board, badminton, volleyball, ball badminton, kabaddi, football, tennis, basket ball, kho-kho, athletic track and field special sports camp is organized every year to enhance the performance of the players. The students actively participate in Zonal, Inter-zonal and State Level competitions. The area and the requirements for the sports fields are available as per the given norms of AICTE. Gymnasium is also available for the students to maintain the physical strength. Both conventional and machine gym is accessible for the students and it is utilized in both morning and evening at the specific time.

Yoga class (club) is organized to mature the body and mind of students. The separate halls are allotted for yoga practice for both the students and staffs. Audio and video facilities are given in demo for easy understanding of the students. YYE certificate courses (Yoga for Youth Empowerment) is provided for the participants.

In our Institute SCAD skill factory is conducted for the students which includes music club, dance, etc. Also college day, hostel day and cultural days such as pongal, onam, Christmas, saraswathi pooja and cultural events are to be conducted in great manner.

The institution has adequate facilities for sports, games (indoor, outdoor, gymnasium, yoga centre etc.,) and cultural activities.

Yoga helps the students and staffs to perform well in their Academic endeavors. Our Institute is providing Yoga training by professional trainer from reputed organization to the students & staffs. Also, our college is celebrating International Yoga Day every year. Yoga teaches the importance of human body elements such as Brain, Conscience, Mind and Body.

These activities allow students and community members to come together to connect more deeply with the cultures of the world. A variety of fun events and activities designed to help students meet other people and connect with the university community. These events typically happen once a year and are a great opportunity to join together. Participation in cultural activities results in enhancement of the personal skills and experiences like confidence, self-presentation, teamwork and collaboration, time management and organizational skills.

The institution has adequate facilities for sports, games (indoor, outdoor, yoga, gymnasium)

SL.NO	Description	Nos.	Area (Sq. m)	Size (m)	Year of Establishment
A	**Sports**				
	400 m track	1	10500	140x60	2003
	Long jump	1	500	50x5	2003
	Triple jump	1	500	50x5	2003
	High jump	1	500	50x5	2003
	Shot put	1	10500	-	2003
	Javelin throw	1	10500	-	2003
	Hammer throw	1	10500	-	2003
B	**Indoor Games**				

	Table tennis	2	1000	10.1x6	2011
	Chess	10			2011
C	**Outdoor Games**				
	Cricket Ground	2	20500	201x180	2010
	Football Ground	1	10000	100x60	2010
	Hand ball Court	1	4800	40x20	2013
	Volley ball Court	2	714	18x9	2008
	Kabaddi Court	2	660	13x10	2011
	Ball Badminton Court	1	748	24x12	2006
	Tennikoit Court	1	336	20x10	2006
	Throw ball Court	1	600	20x10	2008
	Badmitton Court	2	800	15x7	2013
	Kho -Kho	1	540	27x16	2009

GYM STOCK DETAILS

Si. no	Equipment name	Number of quantity
1	DUMBLES RACK	1
2	WEIGHT PLAT RACK	2
3	ROD RACK	1
4	SWISH BALL (GYM BALL)	1
5	PUSHUPS BAR	1
6	BLACK MAT	4
7	WEIGHT MECHINE	1
8	THREAD MILL	1
9	4 STATION MULTI GYM	1
10	ELLIBTICAL CYCLE	1
11	CRUNCH BACK	1
12	PRONELEG CORL MECHINE	1
13	PACK DECK MECHINE	1
14	DOUBLE TWISTER MECHINE	1
15	CRUNCH BOARD	1
16	HYPER EXTENSION	1
17	CROSS OVER	1
18	HACK SQUAT	1
19	SQUAT RACK	1
20	SMITH MECHINE	1

INDOOR GAMES FOR BOYS / GIRLS

Badminton
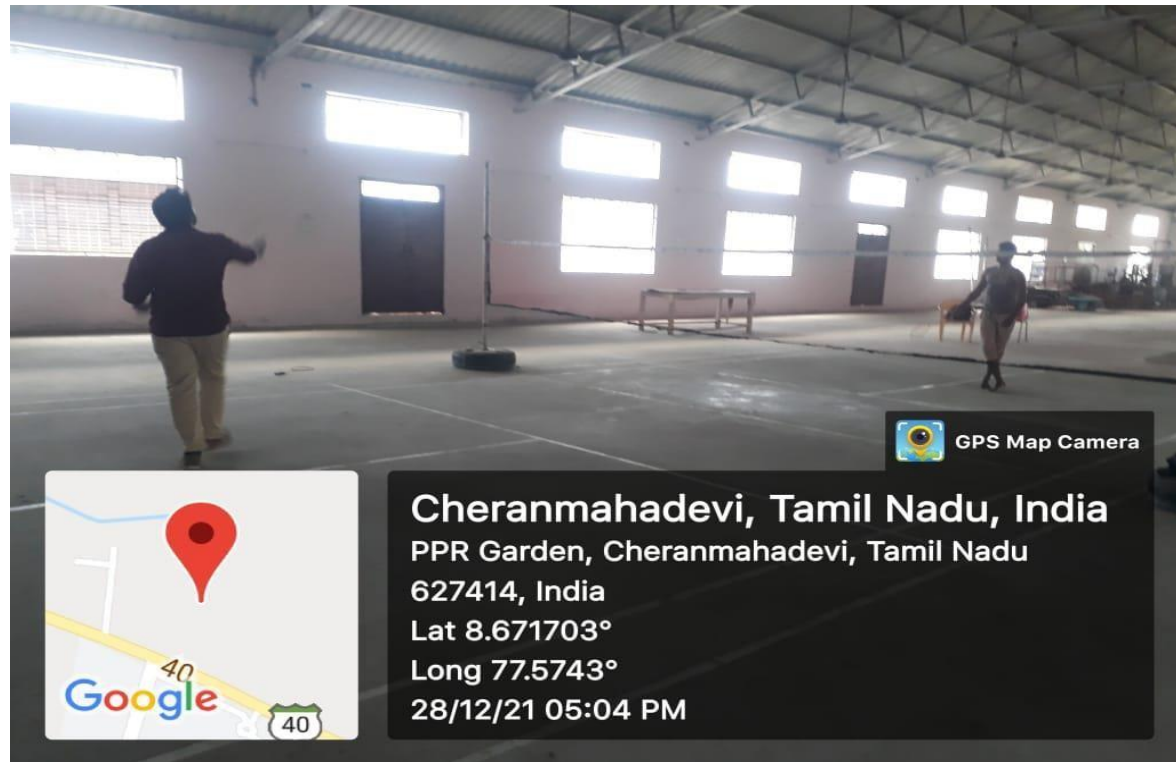
OUTDOOR GAMES FOR BOYS/GIRLS

CRICKET
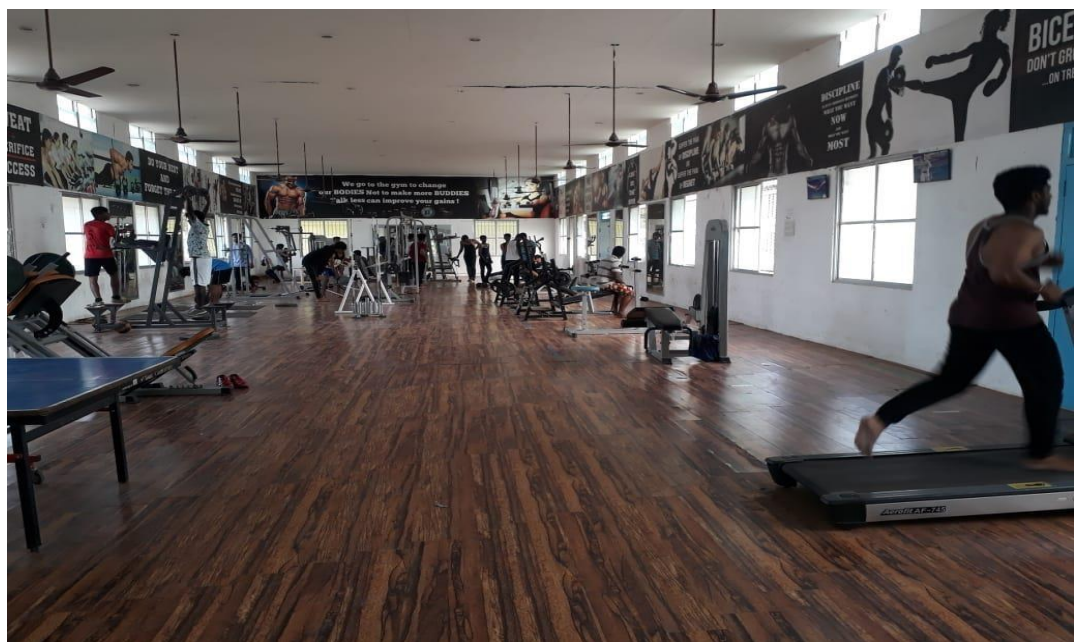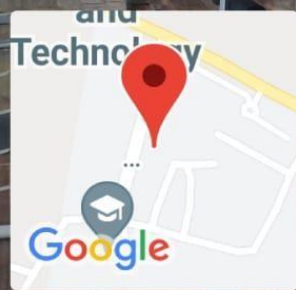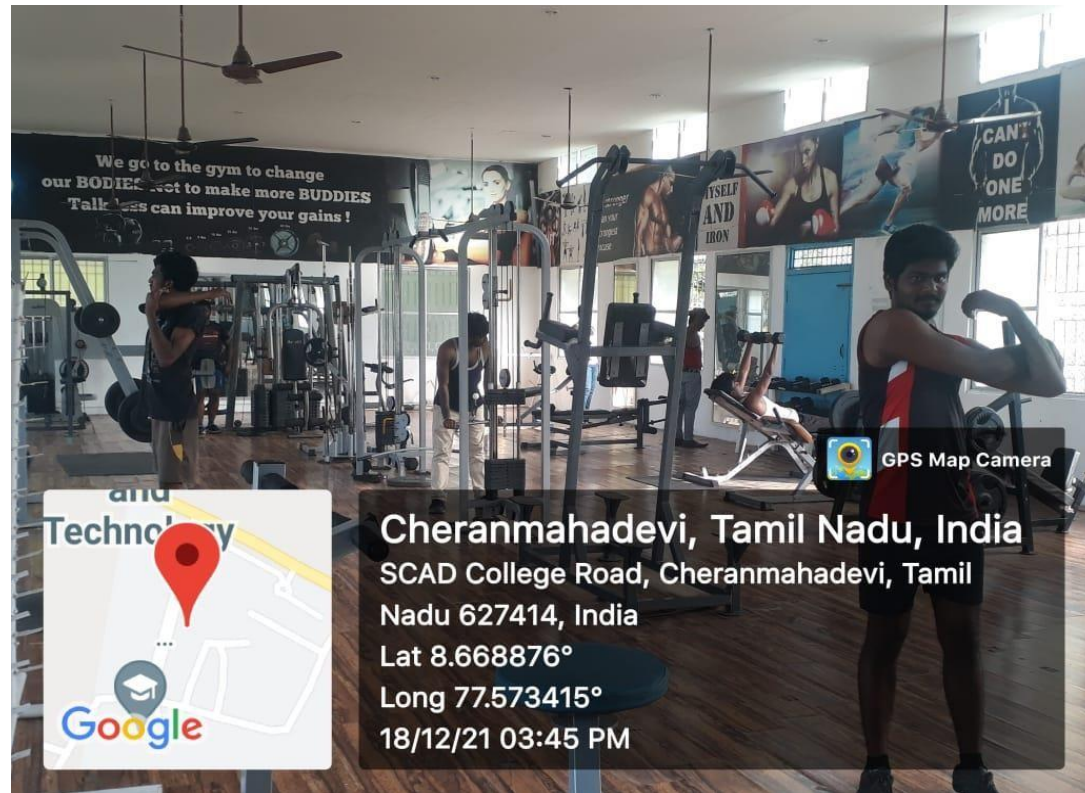
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MHC8+X7, Cheranmahadevi, Tamil Nadu 627414, India
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Long 77.567494°
16/12/21 05:05 PM

BASKETBALL

GYM

Cheranmahadevi, Tamil Nadu, India
MHCC+JW, Cheranmahadevi, Tamil Nadu 627453, India
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Long 77.571076°
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GPS Map Camera

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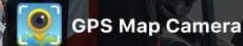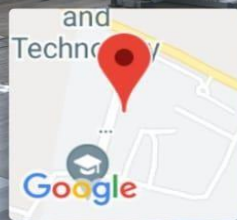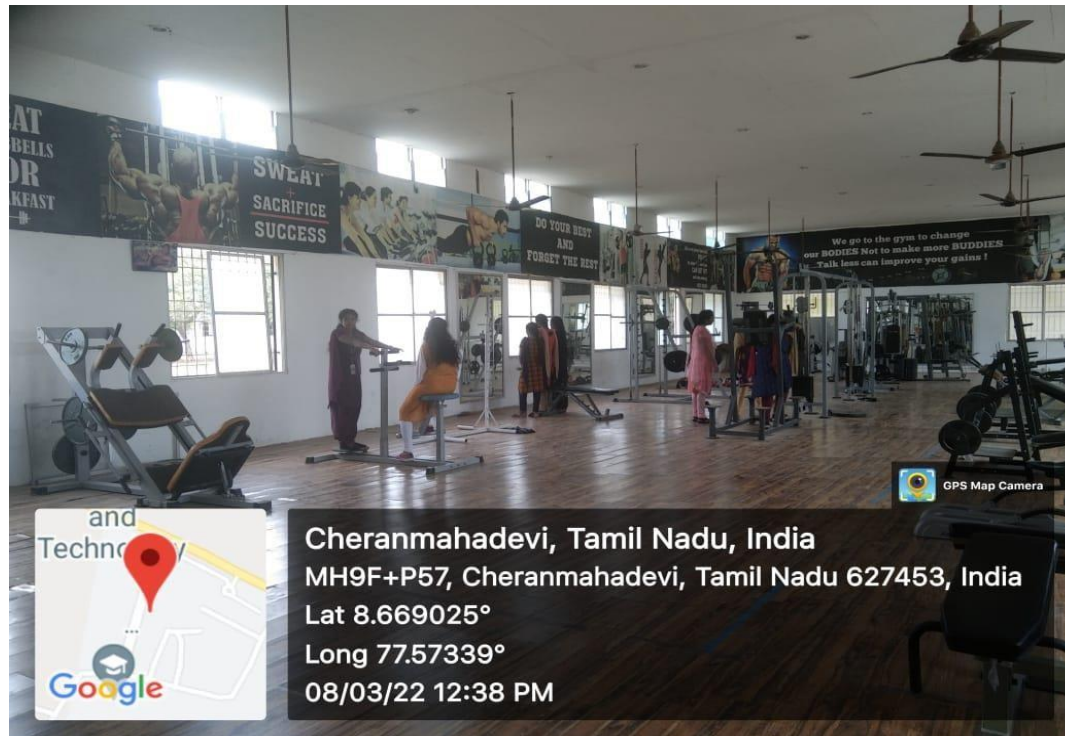
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Volley ball
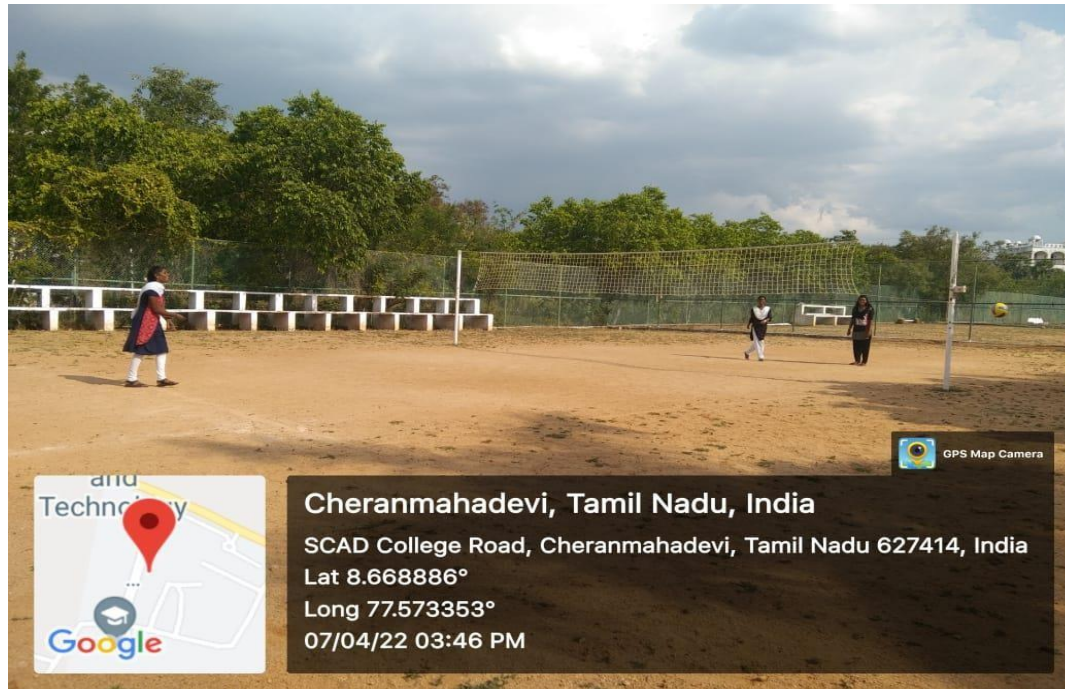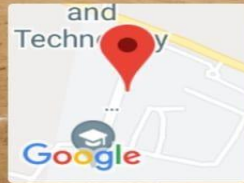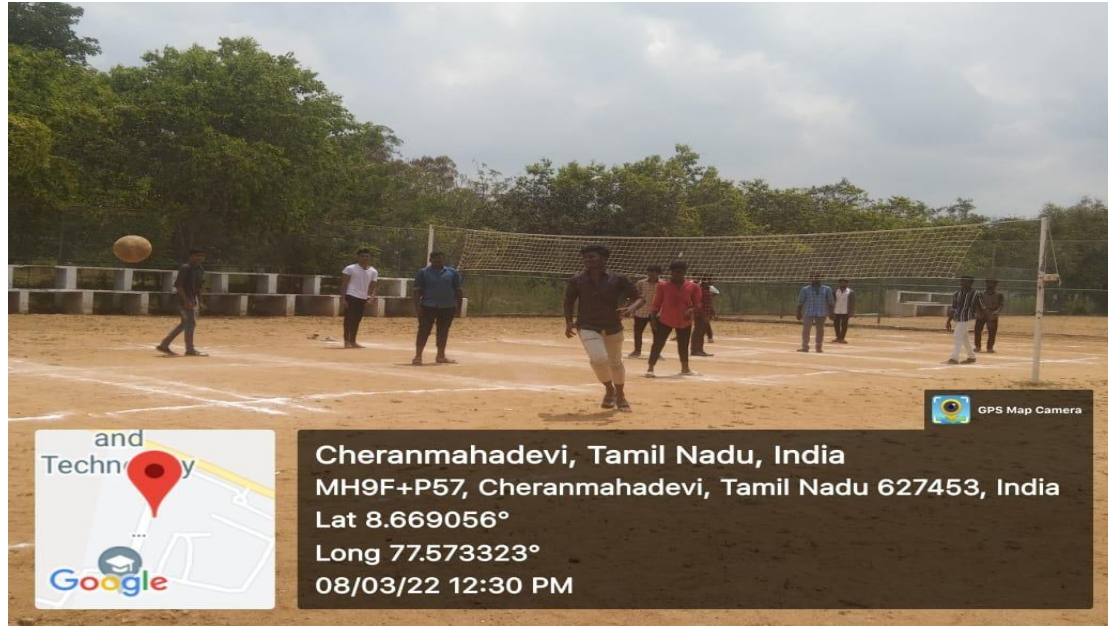
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Cheranmahadevi, Tamil Nadu, India
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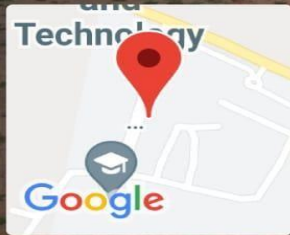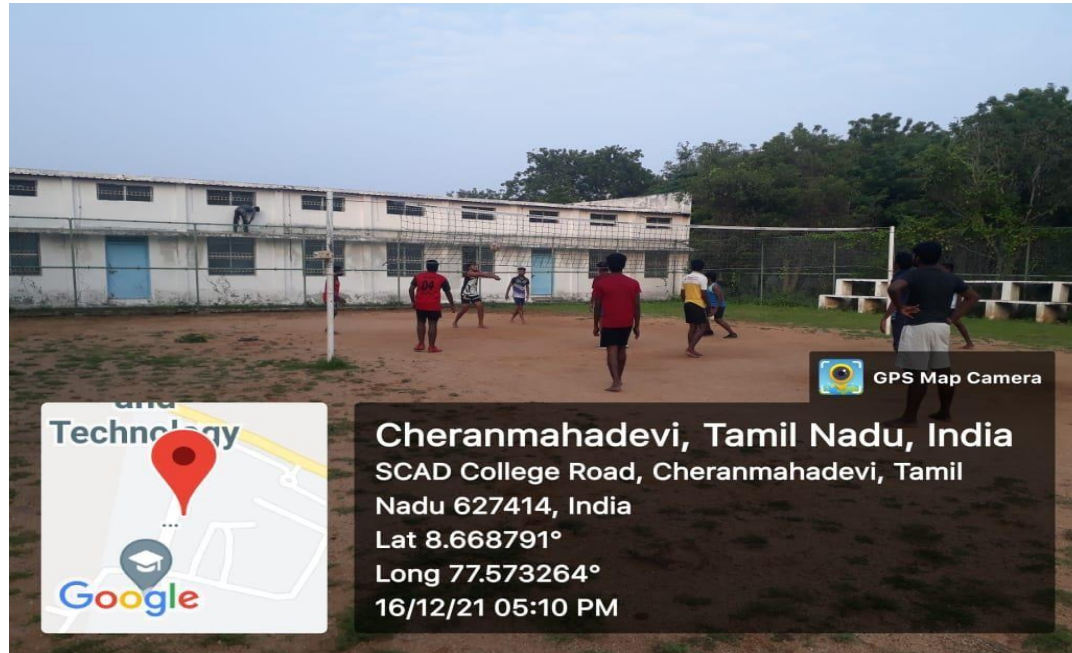
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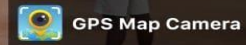
GPS Map Camera

THROWBALL

ATYA - PATYA

GPS Map Camera

Cheranmahadevi, Tamil Nadu, India
MH8C+WWF, Cheranmahadevi, Tamil Nadu
627414, India
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02/03/22 04:25 PM

ATHLETICS

Cheranmahadevi, Tamil Nadu, India
PPR Garden, Cheranmahadevi, Tamil Nadu
627414, India
Lat 8.672004°
Long 77.573226°
18/12/21 04:04 PM

TABLE TENNIS

First Aid, Medical and Counseling Facilities

First aid facilities at educational institutions ensures healthier and safer environment. Faculties and students with well equipped first aid skills render a great hand in enhancing the safety measures at colleges.

First aid is the initial treatment given to a victim. For injuries which do not require professional assistance could be treated with simple methods. First aid volunteers help the affected feel better and relive pain by performing simple procedures.

In order to meet the medical emergencies in the campus, the college has well-equipped First Aid room for the students, faculty/ staff. The first aid room is located at the main block however individual first aid boxes are also provided to each department for the instant treatments of pupil who has sustained and injury or feeling sick. To ensure facilities the first aid room is frequently visited by the health professionals and nursemaid from Primary Health Centre of Pathamadai town. The college has faculties and NSS volunteers experienced with first aid skills, besides there are vehicles and transport facilitates which could be utilized as ambulance in case of treating severe and fatal injuries at hospital.

Institution – Industry Cell (IIC)

The Institution - Industry Cell (IIC) of the college was established to stimulate the interaction of various departments of institution with industry. The IIC enables Consultancy, R&D projects and Industrial trainings to the students and faculties to bridge the gap between institution and industry. This cell enables industry people to know about the facilities on training, testing and the ongoing research activities in the college.

OBJECTIVES:

1. To develop and establish close interlink between institute and industry in order to improve the performances of both the institute and industry.

2. To bridging the gap between industry and institute by various types of interaction programs.

3. To enhance the research activities of faculties and students as a solution to industrial challenges.

4. To bring various industries into convergence through MoU's.

5. To improve the quality of education to meet the present trends and needs of industry.

Functions of the Cell:

1. Arranging Industrial training, Industry visits, in plant Training and Internships to the students to get industry exposure and to know the industry practices and its needs.

2. Giving solutions to the challenges faced by industry through R&D Projects and consultancy work.

3. Promoting joint research work involving industry persons and faculties to pave the way for state-of-the-art inventions.

4. Inviting industry experts to share their knowledge to students through seminars, workshops, guest lectures, symposium and conferences.

5. Providing our laboratory facilities to carry out their testing.

6. Identifying industrial partners for establishing Centre for Excellence.

7. Recruiting industry professionals as visiting professors for the betterment of the students and faculties

8. Arranging training for the faculties in industry which turn will benefit the students.

9. To initiate the departments to tie up with their core field companies through MoU's for the mutual benefits.

10. Involving industry expertise in the board of governance to improve the teaching learning process.

Industry – Institute Interaction Cell:

The aim of the cell is to identifying the gap between academic curriculum and need of the industry. This Cell is established for bridge the gap between the institute and industry through MoU. This cell identifies the industrial expectation and promotes institutional preparation for meeting industrial needs by facilitating sponsored R&D projects, seminars, workshops and various other industrial training programmes.

Memorandum of Understanding with Companies:

Sl. No.	Company Name
1	TARA Wires Ltd.
2	Thazhal Geospatial Analytics Pvt Ltd
3	CENTURY MINDS
4	MACBRO Global Engineering Solutions
5	AR Constructions and City designers
6	Seshasayee Paper and Boards Ltd.
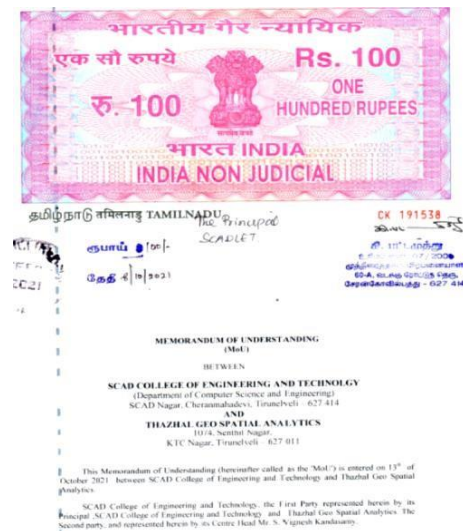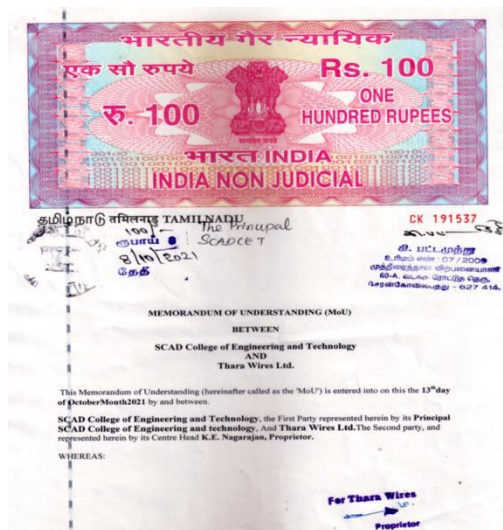
Placement Training:

Sl. No.	Date	Topic	Resource Person	Target Students
1	7.10.2021	Opportunity and Future of Architectural Engineering Construction Industry	Mr. T. Anand, CEO, SWIFTERZ Creative Services Ltd., Bangalore	IV MECH
2	12.10.2021	Opportunity and Future of Architectural Engineering Construction Industry	Mr. T. Anand, CEO, SWIFTERZ Creative Services Ltd., Bangalore	IV EEE & CIVIL
3	17.01.2022 To 03.02.2022 F.N. Session	Soft Skills	Mr.Premchander Mr. Pradeep. AP/English, SCADCET	IV Year All Depts.
4	17.01.2022 To 03.02.2022 A.N. Session	Quantitative Aptitude & Logical Reasoning	Mr. JohnSekar Mrs. Shalini AP/Mathematics, SCADCET	IV Year All Depts.

5	28.01.2022	Recent Trends in Campus Placements and Preparatory Strategies	P. Vivekanandan, Director, Aptitude Buster	IV Year All Depts.
6	22.09.2021	How to Grab a Job Offer?	Mr.Benedict, HR-HS Material India Ltd., Chennai	IV MECH & EEE
7	18.10.2021	Career Opportunities in Automotive Industry	S. Roopan Sanjeev Raju,Business Development Manager , MACBRO Global Engineering Solutions	IV MECH, EEE
8	13.12.2021 To 23.12.2021	C Programming	Ms. Armadhaa, BYT's Trainer	IV Year CSE, ECE,EEE
9	26.01.2022	How to Grab an Offer in IT Industry?	Ms. Armadhaa, BYT's Trainer	IV Year All Depts.
10	17.12.2021	Current trends in Automobile Industry	Dr .Karthickkumar Chinnaraj, Founder & Managing Director of 5K Car Care Pvt Ltd,	IV Year MECH, EEE

TRAINING PHOTOS:

Cheranmahadevi, Tamil Nadu, India

MH9F+P57, Cheranmahadevi, Tamil Nadu 627453, India
Lat 8.669048°
Long 77.572873°
22/09/21 11:13 AM

PLACEMENT RECORD OF 2022 BATCH:

Dept.	Total No. of Students	No. of Students Placed	No. of Placement Offers
CIVIL	15	13	15
CSE	34	32	43
ECE	21	20	32
EEE	23	22	47
MECH	75	72	129
MBA	59	55	63
TOTAL	**227**	**214**	**329**
Placement Percentage		**94.27 %**	

LIST OF RECRUITERS:

Sl.No.	Name of the Company	Total
1	Byju's Ltd.	1
2	Atos Global	1
3	Capegemini	2

4	INFOSYS	1
5	HCL	1
6	i Wave Technologies Ltd.	3
7	Sutherland Pvt. Ltd.	23
8	Mobius	2
9	Six Phrase	9
10	Weberrax Ltd.	4
11	Sakthi Auto Components Pvt. Ltd.	41
12	Axcelerate RCM Solutions Pvt. Ltd.	5
13	Allsec Technologies	22
16	WABCO Ltd.	7
17	TVS Sundram Fasteners Ltd	38
18	Hakuna Matata Ltd.	1
19	XBI4	5

20	JK Fenner	1
21	Donracks Pvt. Ltd	1
22	Muthoot Finance Ltd	4
23	Yamaha Music Ltd.	13
24	Secokomos Ltd.	4
25	Brainchild Ltd.	4
26	Sri Sai Diesel Ltd.	1
27	Rialto Enterprises Ltd.	20
28	JSE Engg. Ltd.	29
29	CLDC IT Solutions Ltd.	2
30	CAPE START Ltd	1
31	Drum Buffer Ltd	5
32	Solamalai Enterprise	17
33	Icanio Technologies Ltd.	5
34	Hanon Automotive	18
35	UCAL Fuels Ltd.	12

36	Bagavathi Machine Works	9
37	Fincover Financial Services Ltd.	17
	Total	**329**

PLACEMENT PHOTOS:
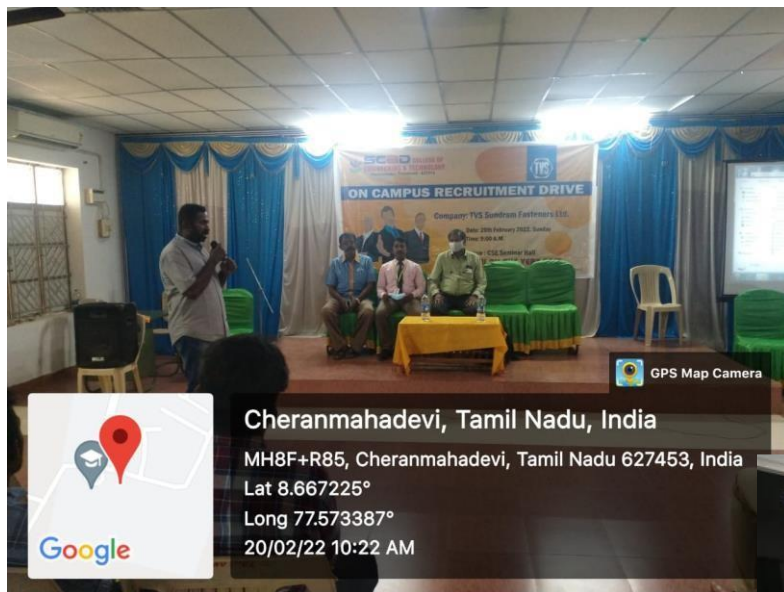
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Salary

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Department of Electrical
and Electronics Engineering

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Mr. Vignesh A
Department of Computer
Science and Engineering

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Best Practices adopted

1. <u>Applied Lab</u> (Special Lab)

One of the best practices in our college is the Special Lab established by all our engineering departments. The goal of this special lab is to kindle their inner ability and to build a sense of practical skill to update in their respective field of projects and also to inspire them as well as excel them as a learned personality.

The Labs aim at inculcating an understanding of the scientific principles and teach students the proper use of instruments, techniques, processes, data analysis, and documentation.

Progressive Labs are:

1. Mobile Appcelerator Lab

2. Product Development Lab

3. Art and Design Lab

4. Robotics and Automation Lab

5. Fabrication and Manufacturing Lab

6. IOT and Raspberry-pi Lab

7. Electrical Drives Lab

8. Additive Lab

9. Artificial Intelligence Lab

10. Modelling and Analysis Lab

Our students would learn the new knowledge of practical skill from the special lab:

- Our students get the ability to understand and apply the scientific principles in their new projects.
- They will be able to go on to design their own research studies and develop new knowledge.
- They utilize the learned knowledge to apply in their respective field.
- We train our students to participate in the national as well as in the international level competitions.
- Faculty involved in the applied lab programs focus upon learning the needs of the high paying companies so that the necessary skills needed for placement are given priority.
- The skills that we teach here make the students enlightened to meet the industrial needs and to sustain in the competitive world.
- The main purpose behind the applied labs is to make sure that the students who are mentored in the labs become self-sufficient entrepreneurs.
- We motivated our first year students to join this special lab and design projects which will be innovative.

  They will improve their entrepreneurship mindset and inculcates knowledge through the applied labs help students to envision their start-ups successful.

2. Placement Training

The goal of this practice is to appreciate the work done by the students of the institution in order to motivate them to excel in their areas of expertise. This practice would ensure continuous improvement in their performance as per the quality policy to achieve the Vision and Mission of the institute.

The institute has constituted the following placement practice for the students. The mode of practice is in terms of good placement in well reputed companies.

Most of our students come from a rural background and hence their awareness about the professional world needs to be updated. Our students who are most often First Graduates do not show promising results when it comes to communication. The essential soft skills and language proficiency in English is imparted to the students with the utmost priority. The students are given the necessary confidence to face the challenges of an English based communicative arena. Students are put through a systematic training program even from the first semester to improve their fluency.

To facilitate this vision we organize mock interviews, group discussions and other soft skill training curriculums. On the technical front we train our students on core technical areas that will be important for him to earn a placement in high paying companies. The areas we focus upon are, Design structure using STAAD Pro, Introductory C Programming Specialization, PCB designing using PROTEUS, Simulation using MATLAB and AutoCAD for beginners. Final Year Students has been trained with Programming Skills [Python, C, Java, Scripting Languages and Query Languages], Aptitude Training and GATE Preparations.

- Offering outlines sketch about the company's expectations
- Giving prior training for the students before the interview
- Organizing internal mock interviews and online tests for the students
- Pointing out the defaults and making them to rectify
- Individual analysis is done and the students are made ready for the recruitment process

Students are prepared for the interviews through mock interviews and group discussions, and are also encouraged to improve their academic profile and join courses that will boost their employability.

3. Outreach Program:

The goal of this practice is to attain the exclusive theme motto of our institution and also the student communities are the supporters of this motto and they are motivated to excel as good humanitarian. This practice would ensure

continuous improvement in their attitude and also increase the quality of their life style by rendering their supportiveness in social activities.

The institute has constituted the following outreach practice for the students. The mode of practice is in terms of volunteering themselves for the valuable service. It is the vision of the college to inculcate the spirit of kindness and virtue. Students who take part in Outreach programs will have hands on approach in learning about the problems of the real world. When they visit underdeveloped rural villages, they will get to know the intensity of the human condition.

Outreach programs of the past have had a great impact on students who come from various backgrounds to have appreciation and empathy towards people belong to different economic classes. It has brought about a vast change in the lifestyles of these students.

- Separate dates are allotted for each departments to visit the selected places
- Close analysis of the selected place is done by the students
- Rendering the fullest cooperation and support to the villages based on their needs
- The students get to spend the whole day to learn moral values such as helping each others, respecting elder people, understanding others need, and the value of resource available in and around their village.

As our college is located in the rural area many student come from in and around the rural area where our college is located. So when we visit the villages on outreach program, the children from the village get inspired as well as motivated to volunteer in social services and also to pursue their higher studies in such a socially insightful institution instead of quitting their education even at the young age

Through our outreach program we insist cleanliness, hygienic and pollution free environment as it is a goal Clean India Mission.

4. Skill Training Program

The goal of this training and skill is to stimulate the students in order to motivate them to excel in their areas of expertise. The programs would make them explore their inner ability in their performance as per the quality policy to achieve the visionary view of the institute.

The following points are carried out our mission:

- Improving students' community, with the power of skills.

- Provide skills training that result in job opportunities and give wings to entrepreneurs.

- Our mission is to be engaged in providing skill development training and make available affordable employment-oriented and placement-linked training to Students.

- The skill training programs are treated as electives papers.

- Even on holidays students attend skill training through the online mode. Around   120 students actively take part in the skill training programs of their choice.

- The insistence on practical learning is implemented at our college even from the first-year students. The first-year students attend skill training sessions regularly from 2.30 PM to 4.30 PM

- We have just recently opted to create skill training sessions at night which will begin from 6.00 PM onwards.

- Since the growing global market has mixed all the fields into one, we tend to furnish out students with interdisciplinary skill programs.

Training and Skill Development program has been divided into three major skill courses. They are as follows;

- Core Skills [Mandatory Skills]
- Elective Skills Faculty Initiative Skills

i) Core Skills(**MandatorySkills**):

- Courses shall be selected based on the inputs of the stockholders [Industry HR's, Alumni Students, Faculties,

Students, Parents etc…,]

- Courses will be conducted on winter and summer vacation [yearly twice]
- 2nd, 3rd, 4th, 5th Semester students shall undergo this skill training.
- Course tenure – 6hrs/per day
- 25 days x 6 hrs = 150 hours.

ii) **Elective Skills:**

- It is an Interdisciplinary Courses.
- This is an optional course for all department students.
- Interested students have to enroll themselves through Google form for joining skill training courses.
- Course strength will maximum of 30 students for the particular course.
- The selection will be made on the basis of First Come, First Serve followed with Personnel Interview.
- Course tenure – 2hrs/per day; total 30 days -> 60 hours.
- Course list will be selected as per the latest trends in the engineering fields.

iii) **Faculty Initiative Skills:**

- This skill shall be Short term or Long Term.
- Faculty expertise shall be shared with students.
- Faculty after attending FTP's, Online Courses, STTP, Seminars and Conference shall transfer their knowledge with their students.
- The time bound may be minimum one day up-to needed days.
- Well explained course book should be prepared by the faculty before conducting this skill courses.
- For this course faculty and student shall work 24x7.