SRM TRP
ENGINEERING COLLEGE
Affiliated to ANNA UNIVERSITY
TIRUCHIRAPPALLI

MANDATORY DISCLOSURE

SUMMARY OF ACADEMIC YEAR 2024 – 25

SUBMITTED IN ACADEMIC YEAR 2025 – 26

ENGINEERING & TECHNOLOGY

(UG & PG)

Irungalur, Tiruchirappalli, Tamil Nadu 621105

Phone: 0431 – 2258940
Fax: 0431 - 2258951
Website: www.trp.srmtrichy.edu.in
E-mail: principal@trp.srmtrichy.edu.in

Annexure -10

Mandatory Disclosure – 2024-25

The following information shall be given in the information Brochure besides being hosted on the Institution's official Website.

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

1. Name of the Institution

Address including Telephone, Mobile, E-Mail

Name of the Institution	:	SRM TRP ENGINEERING COLLEGE
Address of the Institution	:	Irungalur, Manachanalur Taluk.
City & Pin code	:	Tiruchirappalli - 621105
State/UT	:	Tamil Nadu.
Phone No with STD Code	:	0431-2258940
Fax number with STD code	:	0431-2258951
Email	:	principal@trp.srmtrichy.edu.in; princetrpec@gmail.com;
Website	:	https://trp.srmtrichy.edu.in/

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

Address including Telephone, Mobile, E-Mail

Name of the Trust	:	SRM INSTITUTE OF MEDICAL AND TECHNICAL RESEARCH TRUST
Address of the Trust	:	Old No.A48, New No.A90, Seventh Avenue, Ashok Nagar
City & Pin code	:	Chennai – 600 033
State/UT	:	Tamil Nadu.
Phone No with STD Code	:	044 – 43923041,044-43923100
Fax number with STD code	:	044-22491130
Email	:	principal@trp.srmtrichy.edu.in; princetrpec@gmail.com;
Website	:	https://trp.srmtrichy.edu.in/

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

Address including Telephone, Mobile, E-Mail

Name of the Principal	:	Dr. M. Sivakumar
Address of the Institution	:	Irungalur, Manachanalur Taluk.
City & Pin code	:	Tiruchirappalli - 621105
State/UT	:	Tamil Nadu.
Phone No with STD Code	:	0431-2258940
Fax number with STD code	:	0431-2258951
Email	:	principal@trp.srmtrichy.edu.in; princetrpec@gmail.com;
Website	:	https://trp.srmtrichy.edu.in/

4. Name of the affiliating University: Anna University, Chennai

5. Governing Council:

S.No.	Category	Name	Status	Address
1.	Management Representatives	Dr.R. Shivakumar	Chairman	SRM TRP Engineering college, Trichy
		Shri.S. Niranjan	Co-Chairman	SRM TRP Engineering college, Trichy
		Dr.N. Sethuraman	Chief Director	SRM Campus, Trichy
		Dr. C.Muthamizhchelvan	Vice Chancellor	SRM IST, Kattankulathur
		Dr. Sambandam	Executive Director	SRM, Trichy Campus
2.	DOTE-Nominee	Mr. P.Gowtham	Asst. Prof, Mech, GCE.	Government College of Engineering, Srirangam Sethurapatti Village, Trichy.
3.	Anna University - Nominee	Ex.Officio Member	Member	BIT Campus, Trichy-620 044
4.	AICTE Nominee	Ex.Officio Member	Member	AICTE, New Delhi- 110 001
5.	Member from Industry	Shri. A.Victor Sundara Raj	GM, M/s, Infosys Ltd, Bangalore	Sr. Lead Principal, Head Engineering and Emerging Technologies 11Academy, M./s. Infosys Ltd, Bangalore
		Shri. T.Arumugam	DGM-HR, M/s, Kone Elevators Ltd, Chennai	Kone Elevators Ltd, Chennai
		Shri. Leo Anand	MD. M/s. Equadriga Software, Trichy	M/s.Equadriga Software systems, Trichy
6.	Faculty Member	Prof. K. Priyadharshini	Assistant Professor, SRM TRP Engineering College	SRM TRP Engineering College, Trichy
7.	Principal of the College	Dr. M. Sivakumar	Principal, SRM TRP Engineering College	SRM TRP Engineering College, Trichy

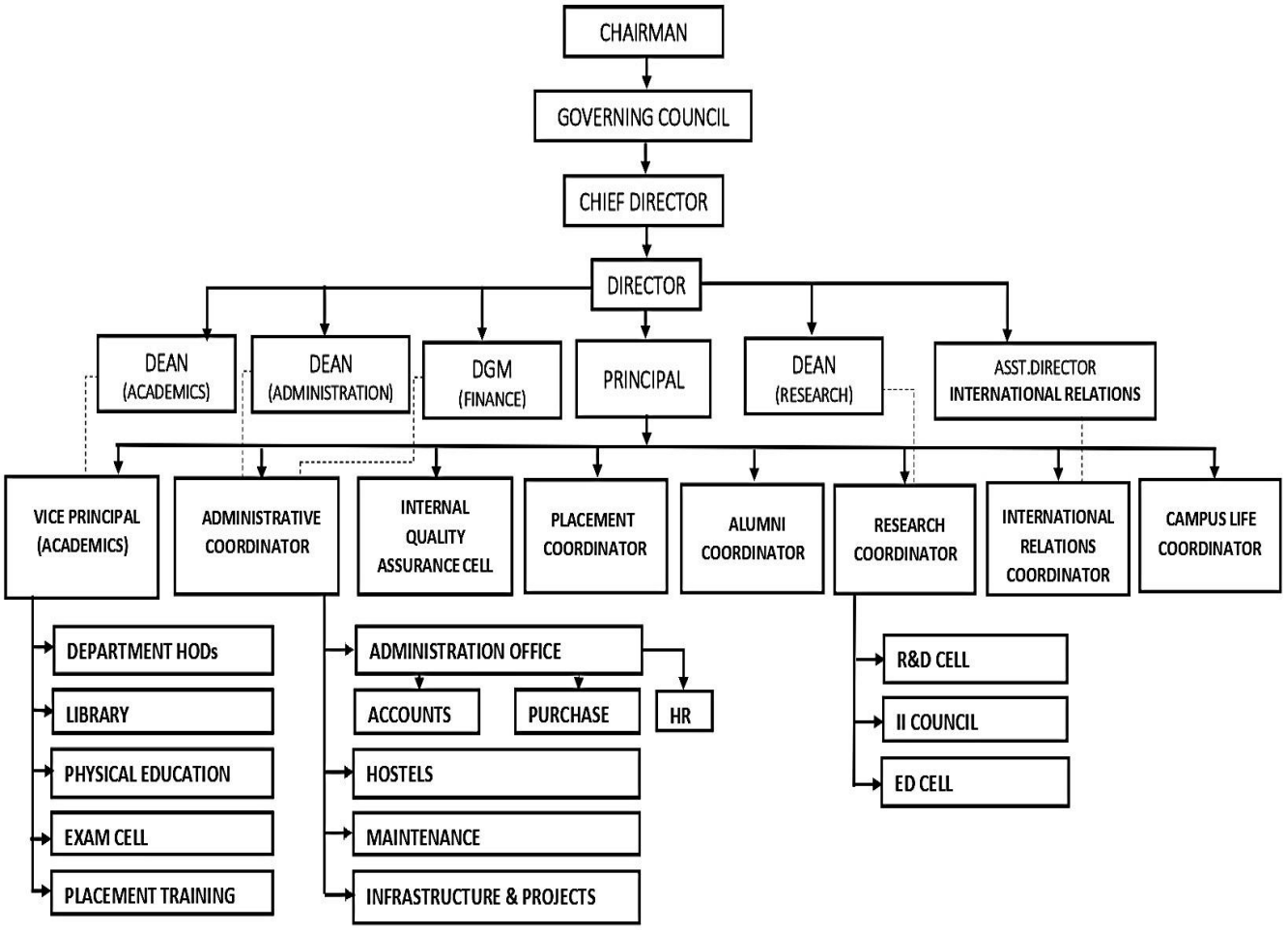
- **Members of Academic Advisory Body**

Academic Advisory Body	Principal
	All Head of the Departments.
	Sr. Faculty members from other institutions.
	All Internal Staff members.
	Placement Officer.
	Training Cell Head
	QMS Coordinator

Frequency of the Board Meeting and Academic Advisory Body

Council/Board	Frequency of Meeting
Governing Council	Once in every six months
Academic Advisory Council	Once in every six months

- **Organization chart**



- **Nature and Extent of involvement of Faculty and students in academic affairs/ improvement**s

  - Experienced faculty members are retained to ensure effective teaching.
  - Encourage the staff members to attend FDP, workshops and seminars to enrich their skills.
  - Use of ICT tools enriches the learning experience of the students inside and outside the classroom.
  - Student participation in co-curricular activities and presentation of their papers in symposiums and conferences are encouraged.
  - Through several preparations, including Group Discussions and Mock Interviews, students are enabled to present themselves in campus interviews.
  - Conduct special classes for slow learners for lab and theory classes. Counseling is extended for slow learners

- **Mechanism/ Norms and Procedure for democratic/ good Governance**
  - Progressive and dynamic management ensures full autonomy for conduct of all academic and other activities.
  - College promotes the culture of participative management.
  - The day-to-day activities are monitored by a team consisting of Principal, Vice-Principal (Academics), Dean-Academics, Dean-Research, Deputy Director and Director General.
  - Heads of Departments are empowered to take decisions relating to academics and other student issues.
  - To ensure efficiency and effectiveness, a number of administrative, academic, co-curricular, and general bodies have been constituted with their duties and responsibilities stipulated.
  - There are Administrative Bodies-Governing Council, Planning and Monitoring Board and Functional Committees like Hostel Committee, Library Committee, Examination Cell, Disciplinary Committee, Anti-Ragging Committee, Industry Institute Interaction Cell, Entrepreneur Development Cell, Management Information Systems etc. The delegation of powers at all levels is clearly defined and strictly followed.
  - Regular HODs meetings, functional committee meetings and department meetings are held to discuss and take decisions on important matters.
  - Faculty are encouraged to improve their qualifications by enrolling for doctorate degree, participate in FDPs, FTTPs, SDPs, Conferences, Seminars and Workshops.
  - Periodic monitoring is carried out by academic, and general audits to check the implementation of all systems and procedures.
  - A transparent Faculty Appraisal system is done to notify the faculty on their strong points and areas that need consolidation

- **Student Feedback on Institutional Governance/ Faculty performance**

Student Feedback / Faculty Performance	Suggestion Box for Institute Governance	At the end of every semester the student feed backs are collected to evaluate the performance of the faculty members and the Institutional governance.

Grievances Redressal mechanism for faculty, staff and students	The management of the college follows an open system of administration and grievances from staff and students are given the utmost attention.
	Two types of grievances Redressal mechanism is followed. 1.Online Grievance Redressal mechanism 2. Complaints and suggestion boxes are kept at a number of
	The suggestions and complaints are carefully looked into and remedial measures undertaken. Responses are also publicized through notice boards.
	In case of indiscipline, a committee appointed by the principal enquires into the matter by calling witnesses and recommendations are made about the action to be taken by the management.
	Grievances regarding the staff in terms of salary, promotions etc., are carefully looked into by the HR department in consultation with the Principal and remedial measures taken.
	Class Committee meetings are held in which grievances of students are taken note of and remedial measures taken.
	A student welfare officer looks into the welfare of the students and advises the management for necessary action.

- **Establishment of Anti Ragging Committee**

S.No	Category	Designation	Name of member
1	Chairperson	Head of the Institution	Dr. M. Sivakumar
2	Convenor	Professor/Civil	Dr.R.Manoharan
3	Representative of police administration	Sub Inspector of Police, Samayapuram	Mr. Raj Kumar
	Non-Non-Government Organizations involved in youth activities	District Youth Officer, Nehru Yuva Kendhra, Tiruchirappalli	Ms. Sruthi. S
4	Members	Faculty Members	1.Dr.B.Sethuraman 2.Dr.S.Sabeetha Saraswathi 3.Ms.K.Aiswarya
5	Parents Member		Mr.D.Ilavazhagan
6	Student Member	Student	Mr.I Arunram
7	Student Member	Student	Ms. M.Harshavarthini
8	Non-Teaching Staff	Lab Assistant	Mr.E. Vijay Mansingh Mrs.K. Premalatha

- **Establishment of Online Grievance Redressal Mechanism**
  Online Grievance Redressal Mechanism is provided in the college website
  https://trp.srmtrichy.edu.in/online-grievance-redressal-form/

- **Establishment of Grievance Redressal Committee in the Institution and Appointment of OMBUDSMAN by the University**

S. No	Category	Designation	Name of member
1	Chair Person	Principal	Dr. M. Siva Kumar
2	Coordinator	Assistant Professor	Mr. N. Indhusekaran
3	Member	Assistant Professor	Mr.K.Sureshraja
4	Member	Assistant Professor	Mrs. K.Priyadharshini
5	Member	Assistant Professor	Mrs. D. Manimegalai
6	Special Invitee	Student (Alumni)	Ms. V. Niroopa
7	External Member	Retd. Additional Chief Secretary	Dr. T. S Sridhar

Dr.A.RAJADURAI, Professor (Retired), Department of Production Technology, Anna University MIT Campus, Chennai has been appointed as the OMBUDSMAN by the University.

- **Establishment of Internal Complaint Committee (ICC)**

S. No	Category	Designation	Name of member
1.	Chairperson	Professor/ECE	Dr.K.Umamaheswari
2.	Member	Professor/Mechanical	Dr.M.Thilak
3.	Member	Assistant professor	Mrs.S.Devapriya
4.	Member	Non-Teaching Staff	Mrs.Premalatha
5.	Member	Non-Teaching Staff	Mr.R.Ravikumar
6.	Member	Student	Ms.R.Charulatha
7.	Member	Student	Mr.S. Thangarathinam
8.	Member	Student	Ms.S. Celcia Suganthi
9.	Asso. Committed to the cause of woman or a person familiar with the issues relating to sexual harassment nominated by executive authority	Advocate	Ms.J.Sowmya

- **Internal Quality Assurance Cell**

S. No.	Nam	Designation	Position
1.	Dr. N. Sethuraman	Chief Director	Member from the Management
2.	Dr. N. Sambandam	Executive Director-Trichy Campus	Special Invitee
3.	Dr. K. Kathiravan	Director Admission	Special Invitee
4.	Dr. G. Vairavel	Dean Academics and Educational Initiatives	Special Invitee
5.	Mr. B. Karthik Kumar	DGM Finance	Special Invitee
6.	Dr. M. Prabhakar	Dean Administration	Senior Administrative Officer
7.	Dr. M. Siva Kumar	Principal	Chair Person-HoI
8.	Heads of all departments	Professor/Associate/Assistant Professor	Teachers to represent all levels
9.	Dr. S. Mary Saira Bhanu	Professor, Department of Computer Science & Engineering, National Institute of Technology, Tiruchirappalli	Nominee from the Local Society
10.	Mr. J. Taufiq	II Year Mechanical Engineering (2023-27 Batch)	Nominee from the Students
11.	Ms. E. Vinodha	Assistant Manager,	Nominee from the Alumni
12.	Mr. Prakash Raman	HR Head, HCL Technologies, Madurai	Nominee from the Employers
13.	Dr. M. Karthikeyan	Managing Director, M/s. Velmurugan Heavy Engineering Private Limited, Trichy	Nominee from the Industrialists
14.	Dr. N. Lenin	Associate Dean, Ranking & Accreditation	Coordinator of the IQAC

6.**Programmes Offered:**

UG Programmes

- B.E – Civil Engineering
- B.E – Computer Science and Engineering
- B.E – Electrical and Electronics Engineering
- B.E – Electronics and Communication Engineering
- B.E – Mechanical Engineering
- B. Tech – Artificial Intelligence and Data Science

PG Programmes

- M.E - Thermal Engineering
- M.E - VLSI Design

Ph.D. Programmes

- Ph.D. – Electronics and Communication Engineering
- Ph.D. – Mechanical Engineering
- Ph.D. – Physics

- **Name of Programmes Accredited by NBA**

S. No.	Name of the Programme	Accreditation Status
1.	B.E – Civil Engineering	Not Yet Accredited
2.	B.E – Computer Science and Engineering	**Accredited**
3.	B.E – Electrical and Electronics Engineering	Not Yet Accredited
4.	B.E – Electronics and Communication Engineering	**Accredited**
5.	B.E - Mechanical Engineering	**Accredited**
6.	B. Tech – Artificial Intelligence and Data Science	Not Yet Accredited

For each Programme the following details are to be given:

UG Programmes

Name		AI&DS	Civil	CSE	EEE	ECE	Mech
No. of Seats		180	60	180	60	120	120
Duration		4 Years	4 Years	4 Years	4 Years	4 Years	4 Years
Cut-off Marks during the last three years	**2024-25**	192.5/200	171/200	188/200	173.5/200	175/200	178/200
	2023-24	189.5/200	157.5/200	184.5/200	164/200	169/200	154.5/200
	2022-23	177.5/200	158/200	194/200	185/200	175.5/200	183.9/200
Fee		**50,000**	**50,000**	**55,000**	**50,000**	**55,000**	**55,000**

PG Programmes

Name		M.E - Thermal	M.E - VLSI
No. of Seats		18	9
Duration		2 Years	2 Years
Cut-off marks/rank of admission during the last three years (2022-2025)	2024-25	10	-
	2023-24	4	2
	2022-23	4	1
Fee		25,000	25,000

- **Placement Facilities: Placement** Record

No of Students Placed	2024-25	2023-24	2022-23
UG	295	234	158
PG	-	-	-

Year	Maximum Salary	Minimum Salary	Average Salary
2024-25	10,00,000 / Per Year	1,50,000 / Per Year	4,93,000 / Per Year
2023-24	8,00,000 / Per Year	1,50,000 / Per Year	4,25,000 / Per Year
2022-23	8,00,000 / Per Year	1,44,000 / Per Year	3,50,000 / Per Year

- **Name and duration of Programme(s) having Twinning and Collaboration with Foreign University(s) and being run in the same Campus along with status of their AICTE approval. If there is Foreign Collaboration, give the following details:** NA

7. Faculty

- **Branch wise list Faculty members:**

DEPARTMENT OF CIVIL ENGINEERING

UG			
S. No.	**Faculty Name**	**Qualification**	**Designation**
1.	Dr. R. Manoharan	B.E,M.E,Ph.D.,	Professor
2.	Dr. S. Pitchaikani	BE,ME,PhD	Assistant Professor
3.	Dr. K. Aghilesh	BE,M.TECH,PhD	Assistant Professor
4.	Mr.K. Suresh Raja	B.E , M.E	Assistant Professor
5.	Mr. S. Manimaran	B.E , M.E	Assistant Professor
6.	Mr. S. Sanjeev Kumar	B.E,M.E	Assistant Professor
7.	Mrs. S. Haripriya	BE,ME	Assistant Professor
8.	Mrs. B. Dheebikhaa	BE,ME	Assistant Professor
9.	Mrs. S. Selsiadevi	BE,M.TECH	Assistant Professor
10.	Ms. P. Kalaivani	BE,ME	Assistant Professor

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

UG			
S. No.	**Faculty Name**	**Qualification**	**Designation**
1.	Dr. P. Sudhakaran	B.E,M.E,Ph.D.,	Professor
2.	Mrs. S. Sabeetha Sarsawathi	B.E,M.E,Ph.D.,	Associate professor
3.	Dr. A. Muthuraj	B.E,M.E,Ph.D.,	Assistant. Professor
4.	Mr. A. Sendhooran	BE, M.TECH	Assistant. Professor
5.	Mrs. M. Anitha	B.E, M.E	Assistant. Professor
6.	Mrs. S. Deva Priya	B.E , M.E	Assistant. Professor
7.	Mr. V. Vijey Nathan	B.E , M.E	Assistant. Professor
8.	Mr. M. Jaiganesh	B.E , M.E	Assistant. Professor
9.	Mrs. Jeyamedona	B.E , M.E	Assistant. Professor
10.	Mrs. T. Suganya	B.Tech , M.E	Assistant. Professor
11.	Mrs. T. Nagalakshmi	B.E, M.E	Assistant. Professor
12.	Mrs. B. Pravinaa	B.E , M.E	Assistant. Professor
13.	Mrs. A. Amalorpavam	B.E , M.E	Assistant. Professor
14.	Mr.R. Saravanan	B.E , M.E	Assistant. Professor
15.	Ms.R. Raghavi	B.E , M.E	Assistant. Professor
16.	Mr. G. Surya Murthy	B.E, M.E	Assistant. Professor
17.	Mr. P. Aravind	B.E, M.E	Assistant. Professor
18.	Mrs. M. Subasri	B.E., M.E	Assistant Professor
19.	Mrs. S. Jhansirani	B.E, M.E	Assistant. Professor
20.	Ms. T. Dhivya	B.E, M.E	Assistant. Professor
21.	Mrs. R. Sampavi	B.E, M.E	Assistant. Professor
22.	Mr. R. Eswaran	B.E, M.E	Assistant. Professor
23.	Ms. S. Jayapriya	B.E, M.E	Assistant. Professor

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

UG			
S. No.	**Faculty Name**	**Qualification**	**Designation**
1.	Dr.S. Senthamarai Kannan	B.E,M.E,Ph.D.,	Professor
2.	Mrs.S. Jalini	B.E, M.TECH	Assistant. Professor
3.	Mrs. A. Balkees Bee	B.Tech, M.E	Assistant. Professor
4.	Mr. P. Ramesh	B.E,M.E,	Assistant. Professor
5.	Mrs.K. Sivaselvi	B.Tech, M.E	Assistant. Professor

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

UG			
S. No.	**Faculty Name**	**Qualification**	**Designation**
1.	Dr. M. Flower Queen	B.E , M.E, Ph.D	Professor
2.	Dr. P. Soundar Rajan	B.E ,M.E, Ph.D	Associate Professor
3.	Dr. R. Sathishkumar	B.E ,M.E, Ph.D	Associate Professor
4.	Dr. D. Jingle Jebha	B.E ,M.E, Ph.D	Associate Professor
5.	Dr.R.Sowmya	B.E ,M.E, Ph.D	Assistant Professor
6.	Mr .P. Manigandan	B.E, M.E	Assistant Professor
7.	Mr.G. Ram Prakash	B.E ,M.E	Assistant Professor
8.	Mr.J.Subramaniyan	B.E ,M.E	Assistant Professor
9.	Mr.V. Vengatesan	B.E ,M.E	Assistant Professor
10.	Mrs. J. Joylin Mary	B.E ,M.E	Assistant Professor

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

UG			
S. No.	**Faculty Name**	**Qualification**	**Designation**
1.	Dr. B. Ramasubramanian	B.E , M. Tech, Ph.D	Professor
2.	Dr. P. Thiruvalar Selvan	B.E ,M.E,PhD	Professor
3.	Dr.C. Chellaswamy	B.E , M.E, Ph.D	Professor
4.	Dr. G. Gandhimathi	B.E , M.E, Ph.D	Associate Professor
5.	Dr. J. Asokan	B.E , M.E, Ph.D	Associate Professor
6.	Mr. C. Anandhan	B.E , M.Tech	Assistant. Professor
7.	Mrs.K. Priyadharshini	B.E , M.E	Assistant. Professor
8.	Mr. E. Raja	BE , M.E,	Assistant. Professor
9.	Mr. A. Sriram	BE , M.E,	Assistant. Professor
10.	Mr.G.Parameswaran	B.E,M.E	Assistant. Professor
11.	Mrs. M. Krishna Rani	B.E,M.E	Assistant. Professor
12.	Mr. M. Vijay	B.E,M.E	Assistant. Professor
13.	Mrs.K. Sivaranjani	BE , M.E,	Assistant. Professor
14.	Mrs. GA. Nivedaa	B.E , M.E	Assistant. Professor
15.	Ms. S. Mirdula	BE , M.TECH,	Assistant. Professor
16.	Ms.D. Lavanya	B.E , M.E,	Assistant. Professor
17.	Mrs. P. Naveenasindhu	B.E , M.E,	Assistant. Professor
18.	Ms. D. Gayathri	B.E , M.E,	Assistant. Professor
19.	Mr.S. Karthick	B.E , M.E,	Assistant. Professor
20.	Mrs. S. Bharathi	B.E , M.E,	Assistant. Professor
21.	Mrs. Maheswari	B.E , M.E,	Assistant. Professor
PG			
22.	Dr. K. Uma maheswari	B.E , M.Tech, Ph.D	Professor
23.	Ms. K. Aiswarya	B.E , M.E	Assistant. Professor

DEPARTMENT OF MECHANICAL ENGINEERING

UG			
S. No.	**Faculty Name**	**Qualification**	**Designation**
1.	Dr. M.Sivakumar	B.E,M.E,Ph.D	Professor
2.	Dr. G. Paul Raj	B.E,M.E,Ph.D	Professor
3.	Dr. C. Ramesh Kannan	B.E,M.E,Ph.D	Professor
4.	Dr. M .Thilak	B.E,M.E,Ph.D	Professor
5.	Dr. V. Senthilkumar	B.E,M.E, Ph.D	Associate Professor
6.	Dr. T. Arun Nellaiappan	BE ,ME,PhD	Associate Professor
7.	Dr. Y. V. Brucely	BE ,ME,PhD	Associate Professor
8.	Dr.V. Lakshmanan	B.E ,M.E, Ph.D	Assistant Professor
9.	Dr. G. Balaji	BE ,ME,PhD	Assistant Professor
10.	Dr. M. Umar	BE ,ME,PhD	Assistant Professor
11.	Dr. S. Jayasathyakawin	BE ,ME,PhD	Assistant Professor
12.	Mr. S. Senthilkumar	B.E,M.E	Assistant Professor
13.	Mr. N. Indhusekaran	B.E,M.Tech	Assistant Professor
14.	Mr. A. Nagadeepan	B.E,M.E	Assistant Professor
15.	Mr. M. Ganesh Karthikeyan	B.E,M.E	Assistant Professor
16.	Mr. N. Senthilkumar	B.E,M.E	Assistant Professor
17.	Mr. D. Manikandan	B.E,M.E	Assistant Professor
18.	Mr. M. Dhanenthiran	B.E,M.E	Assistant Professor
19.	Mr. A. Maria Jackson	BE , M.Tech	Assistant Professor
20.	Mr. S. Saravanavel	B.E,M.E	Assistant Professor
PG			
21.	Dr. M. Prabhakar	B.E,M.E, PhD, MBA	Professor/ Dean Admin
22.	Mr.N. Periyasamy	B.E,M.E	Assistant Professor
23.	Mr. S. Victor Soosai Irudayaraj	B.E, M.Tech	Assistant Professor

DEPARTMENT OF ENGLISH

S. No.	Faculty Name	Qualification	Designation
1.	Dr. A. Narayanan	BA,MA,M.Phil, PHD	Assistant Professor
2.	Ms. M.Elizabethrani	B.A,MA,M.Phil	Assistant Professor
3.	Mr. M. Vimal Raj Jayaharan	B.A,B.Ed,MA,M.Phil	Assistant Professor
4.	Ms.N.Selvi	B.A,B.Ed,MA,M.Phil	Assistant Professor
5.	Ms. M. Deepalakshmi	B.A,MA,M.Phil	Assistant Professor
6.	Mrs. P. Beena	BA,MA,M.Phil	Assistant Professor

DEPARTMENT OF TAMIL

S. No.	Faculty Name	Qualification	Designation
1.	Dr. M. Sundareswaran	BA,MA, NET	Assistant Professor

DEPARTMENT OF CHEMISTRY

S. No.	Faculty Name	Qualification	Designation
1.	Dr. P. Muthukrishnan	Bsc,Msc,M.Phil, PHD	Associate Professor
2.	Dr. A. Ravikumar	Bsc,Msc,PhD	Assistant Professor
3.	Dr. S. Rajkumar	Bsc,Msc,PhD	Assistant Professor
5.	Mr. S.Dharmarajan	BSc,MSc,M.Phil	Assistant Professor

DEPARTMENT OF MATHS

S. No.	Faculty Name	Qualification	Designation
1.	Dr. A. Anne Rosaline	BSc,MSc,M.Phil,PhD	Professor
2.	Dr. K. Iyappan	Bsc,Msc,M.Phil, PhD	Associate Professor
3.	Dr. M. Bhuvaneshwari	Bsc,Msc,M.Phil,PhD	Associate Professor
4.	Dr. S. Radhakrishnan	Bsc,Msc,M.Phil, PhD	Assistant Professor
5.	Dr. S. Sridevi	Bsc,Msc,M.Phil, PhD	Assistant Professor
6.	Dr. M. Elakiya	Bsc,Msc,M.Phil, PhD	Assistant Professor
7.	Dr. D. Kumar	Bsc,Msc,M.Phil,PhD	Assistant Professor
8.	Dr. J. Sebastian Lawrence	Bsc,Msc,M.Phil, PhD	Assistant Professor
9.	Dr. P. Shyamala Anto Mary	Bsc,Msc,M.Phil, PhD	Assistant Professor
10.	Mrs. R. Manonmani	Bsc,Msc,M.Phil,	Assistant Professor
11.	Mr. N. Azhagendran	Bsc,Msc,M.Phil,	Assistant Professor

DEPARTMENT OF PHYSICS

S. No.	Faculty Name	Qualification	Designation
1.	Dr. B. Sethuraman	BSc,MSc,M.Phil., PhD	Professor
2.	Dr. K. Sakthipandi	BSc,MSc,M.Phil,PhD	Professor
3.	Dr. P. Anitha	BSc,MSc,M.Phil,PhD	Associate Professor
4.	Dr. K. Venkatesan	Bsc,Msc,M.Phil,PhD	Assistant Professor
5.	Dr. A. Joseph Sagaya Kennedy	Bsc,Msc,M.Phil,PhD	Assistant Professor
6.	Dr. S. Visweswaran	Bsc,Msc,M.Phil,PhD	Assistant Professor
7.	Mr. G. Purushothaman	BSc,MSc,M.Phil	Assistant Professor

Permanent Faculty

- Adjunct Faculty
- Permanent Faculty: Student Ratio
- Number of Faculty employed and left during the last three years

		Civil	CSE	AID	EEE	ECE	Mech	Eng	Che	Phy	Maths	Tamil
Permanent Faculty		10	23	06	10	23	23	6	5	7	11	01
Adjunct Faculty		-	-	-	-	-	-	-	-	-	-	-
Number of Faculty employed during last 3 Years	**2024-25**	6	10	3	11	18	19	3	4	3	4	-
	2023-24	9	12	3	13	22	21	5	4	3	6	-
	2022-23	9	14	-	15	22	24	5	4	3	8	-
Number of faculty left during last 3 years	**2024-25**	3	2	-	2	4	2	2	-	-	2	-
	2023-23	0	1	-	3	4	0	0	0	0	1	-
	2022-23	0	3	-	1	2	4	0	0	0	2	-

8. **Profile of Vice Chancellor/ Director/ Principal/ Faculty**
(Link of faculty profile to be provided)
   - **Principal Profile**
   - **Faculty Profile**

9. Fee

- Details of Fee, as approved by State Fee Committee, for the Institution
- Time schedule for payment of Fee for the entire Programme – May to July
- No. of Fee waivers granted with amount and name of students

Fee waivers Details Under Government Scheme:

S. No.	SCHEME	No. of Students	Total Amount INR
1	AICTE – Fee Waivers Scheme	-	-
2	PM Special Scholarship Scheme	-	-
3	Non- Governmental Scheme	34	18,56,500

Number of scholarship offered by the Institution, duration and amount

S. No.	SCHEME	No. of Students	Total Amount (INR)
1	UG/PG SC/ST Scholarship	177	1,10,29,500
2	BC/MBC Scholarship	373	26,44,580
3	FG Scholarship	436	1,16,62,500

- **Estimated cost of Boarding and Lodging in Hostels**
  Hostel Rent : 15,000 per annum
  Mess fee: 65,000 per annum

10. Admission

Number of seats sanctioned with the year of approval

ACADEMIC YEAR (2024-2025)

S. No.	Branch Name	No of Seats Sanctioned with the year of Approval	No of Students admitted under various Categories
	UG		
1	B. Tech – Artificial Intelligence and Data Science	180	178
2	B.E – Civil Engineering	60	32
3	B.E – Computer Science and Engineering	180	179
4	B.E– Electrical and Electronics Engineering	60	55
5	B.E – Electronics and Communication Engineering	120	114
6	B.E- Mechanical Engineering	120	65
	PG		
7	M. E – Thermal Engineering	18	10
8	M. E - VLSI	9	-
	Total	747	633

Number of Students admitted under various categories each year in the last three years

STUDENTS ADMITTED FOR THE ACADEMIC YEAR - (2024-25)

S. No.	Course	Dept.	Admitted Students	OC	BC	BCM	MBC	SC	SCA	ST
1	UG	Civil	32	1	15	1	11	4	0	0
2		CSE	179	1	123	3	30	20	2	0
3		EEE	55	0	32	2	16	5	0	0
4		ECE	114	2	77	2	20	13	0	0
		Mech	65	1	36	4	14	9	0	1
5		AI& DS	178	1	106	1	47	23	0	0
6	PG	M.E (Thermal)	10	0	8	0	0	2	0	0
7		M.E (VLSI)	0	0	0	0	0	0	0	0

STUDENTS ADMITTED FOR THE ACADEMIC YEAR - (2023-24)

S. No.	Course	Dept.	Admitted Students	OC	BC	BCM	MBC	SC	SCA	ST
1	UG	Civil	25	2	18	1	3	1	0	0
2		CSE	189	4	111	7	44	20	3	0
3		EEE	52	1	30	2	14	5	0	0
4		ECE	125	4	77	6	27	11	0	0
		Mech	69	1	39	5	14	10	0	0
5		AI& DS	63	1	33	7	12	9	0	1
6	PG	M.E (Thermal)	4	0	2	0	1	1	0	0
7		M.E (VLSI)	2	0	1	0	0	1	0	0

STUDENTS ADMITTED FOR THE ACADEMIC YEAR - (2022-23)

S. No.	Course	Dept.	Admitted Students	OC	BC	BCM	MBC	SC	SCA	ST
1	UG	Civil	38	1	23	2	9	3	0	0
2		CSE	189	5	98	12	49	20	4	1
3		EEE	58	1	31	4	14	7	0	1
4		ECE	126	3	77	6	33	7	0	0
		Mech	62	2	37	4	15	4	0	0
5		AI& DS	63	5	34	4	16	3	1	0
6	PG	M.E (Thermal)	4	0	3	0	1	0	0	0
7		M.E (VLSI)	1	0	1	0	0	0	0	0

- **Number of applications received during last two years for admission under Management**

Quota and number admitted

ACADEMIC YEAR (2024-25)

S. No.	Branch Name	No. of Applications received for admission under management quota	No. of students admitted under management quota
1	AI&DS	222	74
2	Civil	50	14
3	CSE	520	75
4	EEE	71	28
5	ECE	120	51
6	Mech	95	23

ACADEMIC YEAR (2023-24)

S. No.	Branch Name	No. of Applications received for admission under management quota	No. of students admitted under management quota
1	AI&DS	337	26
2	Civil	50	12
3	CSE	517	80
4	EEE	71	28
5	ECE	180	62
6	Mech	85	31

ACADEMIC YEAR (2022-23)

S. No.	Branch Name	No. of Applications received for admission under management quota	No. of students admitted under management quota
1	AI&DS	297	30
2	Civil	61	19
3	CSE	672	79
4	EEE	88	30
5	ECE	176	65
6	Mech	131	36

11. Admission Procedure

- **Mention the admission test being followed, name and address of the Test Agency and its URL (website)**
  Consortium of Self – Financing Professional Arts and Science Colleges in Tamilnadu. Anna Nagar, Chennai – 600 040.

- **Number of seats allotted to different Test Qualified candidate separately (AIEEE/ CET (State conducted test/ University tests/ CMAT/ GPAT)/ Association conducted test)**
  Minority: 50% management

Consortium: Based on the 12th Marks

- Calendar for admission against Management/vacant seats: Nil
- Last date of request for applications- Commencement of issue of Applications Forms: 24.06.2024
- Last date of submission of applications- Last Date of Issue of Application Forms : 24.07.2024
- Dates for announcing final results- Publication of Rank list : 31.08.2024
- Release of admission list (main list and waiting list shall be announced on the same day) : 31.08.2024
- Date for acceptance by the candidate (time given shall in no case be less than 15 days) : 11.09.2024
- Last date for closing of admission: 11.10.2024
- Starting of the Academic session: 12.09.2024
- The waiting list shall be activated only on the expiry of date of main list -Nil

The policy of refund of the Fee, in case of withdrawal, shall be clearly notified- As per the AICTE norms followed.

12. Criteria and Weightages for Admission

- Describe each criterion with its respective weightages i.e. Admission Test, marks in qualifying examination etc.
- Mention the minimum Level of acceptance, if any
- Mention the cut-off Levels of percentage and percentile score of the candidates in the admission test for the last three years
- Display marks scored in Test etc. and in aggregate for all candidates who were admitted

Academic Year 2024-2025 Details:

S. No.	Department	Max Cut off (%)	Min Cut off (%)	Total No. of Students
1	AI&DS	192.5/200	109/200	178
2	Civil	171/200	102/200	32
3	CSE	188/200	114/200	179
4	EEE	173/200	112/200	55
5	ECE	175/200	106/200	114
6	Mech	178/200	106.5/200	65

13. List of Applicants

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

List of Applicants:

14. 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 or merit & List of candidate who have been offered admission

List of candidate offered admission & Score of the individual candidate

• 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

15. Information of Infrastructure and Other Resources Available

Instructional Area (Class Rooms & Tutorial rooms and size of each size of each).

ROOM TYPE	DOOR NO.	NAME	BLOCK	FLOOR	AREA
CLASS ROOM	136-137	LECTURE HALL-1	BLOCK-2	FIRST	133
	138-139	LECTURE HALL-2	BLOCK-2	FIRST	133
	140-141	LECTURE HALL-3	BLOCK-2	FIRST	133
	127-128	LECTURE HALL-4	BLOCK-2	FIRST	130.6
	129-130	LECTURE HALL-5	BLOCK-2	FIRST	130.6
	131	LECTURE HALL-6	BLOCK-2	FIRST	85.72
	343-344	LECTURE HALL-7	BLOCK-2	THIRD	133
	345-346	LECTURE HALL-8	BLOCK-2	THIRD	133
	347-348	LECTURE HALL-9	BLOCK-2	THIRD	133
	324-325	LECTURE HALL-10	BLOCK-2	THIRD	118.72
	326-327	LECTURE HALL-11	BLOCK-2	THIRD	132.17
	328-329	LECTURE HAL -12	BLOCK-2	THIRD	125.8
	438	LECTURE HALL-13	BLOCK-2	FOURTH	91
	439	LECTURE HALL-14	BLOCK-2	FOURTH	91
	440	LECTURE HALL-15	BLOCK-2	FOURTH	91
	441	LECTURE HALL-16	BLOCK-2	FOURTH	91
	424	LECTURE HALL-17	BLOCK-2	FOURTH	110.73
	425	LECTURE HALL-18	BLOCK-2	FOURTH	86.11
	426	LECTURE HALL-19	BLOCK-2	FOURTH	86.11
	427	LECTURE HALL-20	BLOCK-2	FOURTH	86.11
	428	LECTURE HALL-21	BLOCK-2	FOURTH	86.24
	433	LECTURE HALL-23	BLOCK-2	FOURTH	86.11
	115-116	LECTURE HALL-25	BLOCK-1	FIRST	130

ROOM TYPE	DOOR NO.	NAME	BLOCK	FLOOR	AREA
	117-118	LECTURE HALL-26	BLOCK-1	FIRST	130
	207	LECTURE HALL-28	BLOCK-1	SECOND	92.1
	208-209	LECTURE HALL-29	BLOCK-1	SECOND	132.17
	210-211	LECTURE HALL-30	BLOCK-1	SECOND	132.17
	212-213	LECTURE HALL-31	BLOCK-1	SECOND	130.7
	223-224	LECTURE HALL-32	BLOCK-1	SECOND	130.84
	225-226	LECTURE HALL-33	BLOCK-1	SECOND	130.17
	303	LECTURE HALL-34	BLOCK-1	THIRD	72.49
	304-305	LECTURE HALL-36	BLOCK-1	THIRD	77.43
	401	LECTURE HALL-37	BLOCK-1	FOURTH	131.23
TUTORIAL	245	TUTORIAL HALL-1	BLOCK-2	SECOND	40.76
	330	TUTORIAL HALL-3	BLOCK-2	THIRD	93.97
	335	TUTORIAL HALL-4	BLOCK-2	THIRD	90.11
	104	TUTORIAL HALL-7	BLOCK-1	FIRST	63
	103	TUTORIAL HALL-8	BLOCK-1	FIRST	70
	205	TUTORIAL HALL-10	BLOCK-1	SECOND	40.75
	403	CSE - TUTORIAL HALL	BLOCK-1	FOURTH	72.49
	246-247	PG HALL– 1(TUTORIAL HALL)	BLOCK-2	SECOND	66.78
DRAWING	215-220	DRAWING HALL	BLOCK-1	SECOND	560.35
SEMINAR HALL & SMART CLASS ROOM	336-337	SEMINAR HALL- 1	BLOCK-2	THIRD	130.7
	338	SEMINAR HALL- 2	BLOCK-2	THIRD	131.23
	340	SEMINAR HALL- 3	BLOCK-2	THIRD	151.77
	341	SEMINAR HALL- 4	BLOCK-2	THIRD	
	307-308	SEMINAR/SMART CLASS ROOM ECE	BLOCK-1	THIRD	132.17
	201-202	SMART CLASS ROOM	BLOCK-1	SECOND	131.23
	331	SMART CLASS ROOM/ CIVIL	BLOCK-2	THIRD	84.65
LABORATORY S&H	310	LANGUAGE LAB	BLOCK-1	THIRD	130
	409-411	PHYSICS LAB	BLOCK-1	FOURTH	353.67
	420-421	CHEMISTRY LAB	BLOCK-1	FOURTH	264
LABORATORY CIVIL ENGINEERING	30	SURVEYING LAB - 1	BLOCK-2	GROUND	31.9
	31	SURVEYING LAB - 2	BLOCK-2	GROUND	42.1
	32	FLUID MECHANICS LAB	BLOCK-2	GROUND	135.6
	33	HYDRAULICS LAB	BLOCK-2	GROUND	130.7
	34,35	STRENGTH OF MATERIALS LAB	BLOCK-2	GROUND	130.7
	250-251	SOIL MECHANICS LAB	BLOCK-2	SECOND	133
	252-253	MODELS LAB	BLOCK-2	SECOND	133
	254-255	ENVIRONMENTAL ENGINNERING LAB	BLOCK-2	SECOND	133
	13	TRANSPORTATION ENGINEERING LAB	BLOCK-1	GROUND	125.43
	14,15	CONCRETE LAB	BLOCK-1	GROUND	136.6

ROOM TYPE	DOOR NO.	NAME	BLOCK	FLOOR	AREA
LABORATORY CSE	314-315	COMPUTER CENTER - I	BLOCK-1	THIRD	192
	123-124	COMPUTER CENTRE -II	BLOCK-2	FIRST	403.16
	313	PROJECT LAB CSE	BLOCK-1	THIRD	110.7
	313	INDUSTRIAL SUPPORTED LAB-CSE	BLOCK-1	THIRD	14.46
LABORATORY ECE	121	DIGITAL LAB	BLOCK-2	FIRST	155.33
	122	LIC LAB	BLOCK-2	FIRST	
	133	ELECTRONICS LAB	BLOCK-2	FIRST	108.25
	231-232	OPTICAL & MICRO WAVE LAB, MICROPROCESSOR LAB	BLOCK-2	SECOND	126.06
	233-234	ELECTRONICS/COMM.SYSTEM/ DESIGN LAB	BLOCK-2	SECOND	131.9
	241	EMBEDDED LAB	BLOCK-2	SECOND	130.7
	242	VLSI & INDUSTRY SUPPORTED LAB	BLOCK-2	SECOND	
	243	DSP LAB	BLOCK-2	SECOND	131.23
	244	NETWORKS LAB	BLOCK-2	SECOND	
	239-240	PROJECT LAB ECE	BLOCK-2	SECOND	175.29
LABORATORY EEE	28	ELECTRICAL MACHINES LAB - 2	BLOCK-2	GROUND	442.4
	29	ELECTRICAL MACHINES LAB - 1	BLOCK-2	GROUND	
	235-23	POWER ELECTRONICS LAB/PED LAB	BLOCK-2	SECOND	135.5
	323	EEE MODEL LAB	BLOCK - 2	THIRD	13
	404-405	EDC LAB	BLOCK-1	FOURTH	77.43
LABORATORY MECHANICAL ENGINEERING	105	METROLOGY LAB	BLOCK-1	FIRST	217.88
	106	DYNAMICS LAB	BLOCK-1	FIRST	133.76
	1,07,108	THERMAL ENGINEERING LAB - II	BLOCK-1	FIRST	137.09
	320-321	CADD/CAM LAB & INDUSTRY SUPPORTED LAB II	BLOCK-1	THIRD	264
	301-302	MECHATRONICS LAB	BLOCK-1	THIRD	131.23
	203	INDUSTRIAL SUPPORTED LAB-I	BLOCK-1	SECOND	47.57
	101	PROJECT LAB	BLOCK-1	FIRST	131.23
		FOUNDRY LAB	BLOCK-2	GROUND	83.21
		THERMAL ENGINEERING LAB-1	BLOCK-2	GROUND	238.6
WORKSHOP	11	ENGINEERING PRACTICES LAB	BLOCK-1	GROUND	479.2
LIBRARY	110-112	CENTRAL LIBRARY	BLOCK-1	FIRST	560
	113	REPROGRAPHY	BLOCK-1	FIRST	13.05

ROOM TYPE	DOOR NO.	NAME	BLOCK	FLOOR	AREA
		FACILITY ROOM			
	317	BROWSING CENTER	BLOCK - 1	THIRD	177.8
	408	CSE – DEPARTMENT LIBRARY	BLOCK-1	FOURTH	42.94
	248	ECE- DEPARTMENT LIBRARY	BLOCK-2	SECOND	40.76
	206	MECHANICAL ENGINEERING-DEPARTMENT LIBRARY	BLOCK-1	SECOND	10.73
RESEARCH LABORATORY	314	CSE - RESEARCH LAB	BLOCK-1	THIRD	25.7
	229-230	ECE - RESEARCH LAB	BLOCK-2	SECOND	161.72
	204	MECHANICAL ENGINEERING - RESEARCH LAB	BLOCK-1	SECOND	59.86
	132	NANO RESEARCH LAB	BLOCK-2	FIRST	85.73
	432	VIRTUAL LAB	BLOCK-2	FOURTH	259.53

Administrative area size of each

ROOM TYPE	DOOR NO.	NAME	BLOCK	AREA
PRINCIPAL OFFICE	3	PRINCIPAL OFFICE	BLOCK-1	132.2
VICE PRINCIPAL ROOM	134	VICE PRINCIPAL	BLOCK-2	43.63
BOARD ROOM	4	BOARD ROOM	BLOCK-1	86.1
OFFICE ALL INCLUSIVE	1	DEAN ADMIN. OFFICE	BLOCK-1	145.2
	2	OFFICE (ADMIN)	BLOCK-1	91.96
EXECUTIVE DIRECTOR OFFICE	-	EXECUTIVE DIRECTOR OFFICE	BLOCK-1	99.49
PLACEMENT OFFICE	-	PLACEMENT OFFICE	BLOCK-1	23.85
TRAINING OFFICE	-	TRAINING OFFICE	BLOCK-1	23.85
IQAC	-	IQAC	BLOCK-1	23.85
R&D	-	R&D	BLOCK-1	23.85
DEPARTMENT OFFICES/CABIN FOR HOD'S AND FACULTIES	102	HOD / MECH	BLOCK-1	63
	135	HOD / ECE & FACULTY ROOM	BLOCK-2	88.12
	206	STAFF ROOM / MECHANICAL	BLOCK-1	10.73
	306	HOD/CSE & FACULTY ROOM	BLOCK-1	92.1
	311	FACULTY ROOM / ENGLISH	BLOCK-1	41.5
	437	HOD/EEE&FACULTY ROOM	BLOCK-2	81.2
	339	STAFF ROOM / EEE	BLOCK-2	20.65
	342	HOD/CIVIL &FACULTY ROOM	BLOCK-2	88.12
	402	HOD/CHEMISTRY	BLOCK-1	20.2
	406	HOD/PHYSICS	BLOCK-1	9.7
	334	HOD/ MATHS & STAFF ROOM	BLOCK-2	85.71
	442	FIRST YEAR COORDINATOR ROOM	BLOCK-2	38.86
EXAMINATION CONTROL OFFICE	9	EXAMINATION CONTROL OFFICE	BLOCK-1	161.82
SAI OFFICE	125	SAI OFFICE	BLOCK -2	26

Online Examination Facility

S. No.	Number of Nodes	Internet Bandwidth
1	138	1000 Mbps
2	60	
3	40	

- **Barrier Free Built Environment for disabled and elderly persons**
  - The institution adheres to the Government policies for the differently-abled students and is committed to their welfare in the following ways.
  - A barrier-free environment for their mobility in the form of lifts in block -1.
  - Equal opportunities are provided without discrimination.
  - Teaching and non teaching staff members are sensitized to handle differently-abled students.
  - Ramps are provided in all buildings.
  - Examinations are conducted in the ground floor.
  - Wheel Chairs are available.

- **Occupancy Certificate**
- **Fire and Safety Certificate**

Hostel Facilities

Boys Hostel Details

Buildings	Location	Distance	Total Admitted Strength	Block name	Room type	Carpet area of room number of rooms Required	Number of rooms available	Room capacity available
Owned	Inside Campus	Within 03 KM	304	SRM TRP Boys Hostel	Others - 8	90	46	4140

Girls Hostel Details

Buildings	Location	Distance	Total Admitted Strength	Block name	Room type	Carpet area of room number of rooms Required	Number of rooms available	Room capacity available
Owned	Inside Campus	Within 08 KM	250	SRM TRP Girls Hostel	Others - 6	29	46	1334

Other related building areas

Description of the area	Required carpet area (sq.m.) per hostel unit of 120 students	Available carpet area (sq.m.)
Kitchen and Dining Hall	200	554
Indoor games cum Common hall	150	150
Medical room (for all hostels)	50	50
Canteen	50	50
Warden office each within the blocks	36	36
Guest rooms (2 nos)	18	18
Guest rooms Additional 4 rooms of 9 (sq.m.) each within the blocks	36	36
Toilets	75	75

• Library

- Number of Library books/ Titles/ Journals available (program-wise)
- List of online National/ International Journals subscribed

Library Books and Journal Details

- The central library is a cornerstone of academic excellence, equipped with state-of-the-art facilities. It houses a vast collection of resources, including **31881 books with 6719 titles, 4910 e-journals, 58 printed journals, 10 general magazines, and 8 newspapers.** Additionally, the library offers digital resources accessible through 20 systems, **providing access to platforms like IEEE and Science Direct**. The institution's focus on effective utilization and user support ensures that students and faculty have access to a wealth of resources for learning and research.

- Library is automated with digital facilities using Integrated Library Management System (ILMS), adequate subscriptions to e-resources and journals are made. The library is optimally used by the faculty and students

• Computing Facilities

Internet Bandwidth: 1GBPS

• Number and configuration of System, Total number of system connected by LAN / WAN

S. No.	Course	Total no. of students	Number of Terminals with i5 & i7 - Processor or higher	Number of Terminals On LAN /WAN Available
1	B. E	1819	600	600
2	M. E	10	60	60

- **Major software packages available**

S. No.	Software Name
1.	Windows XP with SP3 Windows 10 Windows Vista
2.	Fedora
3.	Windows 2008 Server 2008
4.	Windows Server 2016

List of System Software

S. No.	Software Name
1.	C
2.	MS Office Professional Plus with SPL
3.	Groove 2007
4.	LYNC 2010
5.	SQL Server 2008
6.	Visio Professional 2010
7.	Visual Studio Professional 2010
8.	Visio Premium 2010 with SPL1
9.	JDK 1.6
10.	Net Beans 6.8
11.	My SQL
12.	XAMPP
13.	Apache Tomcat
14.	Open Office
15.	Solid Work
16.	Trend Micro Office Scan Antivirus
17.	Auto Cad
18.	Visual Basic .Net
19.	NS2
20.	Putty
21.	Oracle 11G
22.	Rational Rose
23.	Argo UML
24.	Android Studio
25.	Open Nebula
26.	VM Ware
27.	KF Sensor
28.	EdgeCAM
29.	ANSYS
30.	Automation studio
31.	MAT lab
32.	XILINX
33.	CADENCE
34.	Multi SIM

35.	Automation studio
36.	Lab view

- **Special purpose facility available (conduct of online meetings / Webinars / Workshop)**

  Online meetings, also known as virtual conferencing is a technique of communication that allows many participants to meet and communicate in the same location without being physically present. Business personnel and higher-ups can interact back and forth utilizing various virtual conference platforms using electronic device channels such as internet service, projectors (for large teams), reliable sources of audio, laptops, tablets, webcams, and so on.

  Virtual Meeting Platforms

  - Zoom
  - Google meet
  - Microsoft team
  - Skype
  - Jiomeet

- **Facilities for conduct of classes / courses in online mode (Theory & Practical)**

  Online class is the inverse of the blended face-to-face class. The class is mostly conducted online education with the help of virtual classes and other pivotal online tools.

  Modes of online teaching-learning modes

  - Google Classroom
  - Google meet
  - Zoom
  - Webinars
  - You tube videos

- **List of facilities available**
  - **Games and Sports Facilities**

S. No.	Description	Details
1	Total area of the play ground(sq.m)	**25000.00**
2	Details of the outdoor Games available	1.Cricket 2.KhoKho 3.Volley Ball 4.Basket Ball 5.Foot Ball 6.Track And Field 7.Kabaddi 8.Ball Badminton 9.Hand Ball 10.Tennis
3	Details of the Indoor Games available	1.Chess 2.Table Tennis 3.Carrom
4	Details of gymnasium available	1.Curl Bench 2.Weight Machine 3.Cable Cross Over 4.Smith Machine 5.Adjustable Bench Press Stand 6.Floor Mat 7.Exercise Bike 8.AB King 9.Rowing Equipment's 10.Abdominal Conditioner 11.Skipping Rope 12.Foot Plumb and Carlam 13.Fore Arm Machine 14.Multi Gym Four Stations Eighteen in One 15.Multi Gym Ladies Three Stations 16.Twister Sitter and Standing 17.App Conditioner With Ladder 18.Gym Ball 19.Dumbells Rack 20.Plate Rack 21.Treadmill 22.Iron Dumbbells 23.Dumbells Rod 24.Twister 25.Weight Life Rod 26.Pushup Stand
5	Funds allotted to physical Education	900000

- **Extra-Curricular Activities**

1. National Service Scheme
2. Youth Red Cross
3. National Cadet Corps

(i) NSS – National Service Scheme

NSS Unit strives to inculcate the concept of social responsibility and service to the needy. Our NSS Unit celebrated world blood donors' day, environment day, world water day, national voter's day, recycling day, AIDS awareness day etc. for creating awareness and organized blood donation camps. Under swachh bharat mission cleaning work of the campus was done regularly, several awareness programmes like fire, and safety, helmet awareness program etc. were organized. Our NSS Unit conducted an annual Special Camp in a remote village Puthur,Uthamanur in Trichy district for the up-liftment of the village. Some of the activities during the camp are General Medical Camp in association with SRM Trichy Hospital focusing on Maternal Care, importance of rainwater harvesting and preventing water borne diseases, awareness on First Aid etc. During special camp, care is taken to motivate the young school children of the village for their betterment in the educational career, sports activities, talks on environment pollution and safety.

(ii) YRC: Youth Red Cross Unit

Youth Red Cross is an active club of SRM TRP Engineering College and conducts various social service activities in association with National Service Scheme (NSS). In the process, it assists students in personality development, organizational and communication skills.

(iii) National Cadet Corps

The objective of the National Cadet Corps is to develop character, comradeship, and capacity for leadership among youth in India. NCC at SRM TRP Engineering College motivates the students with the best training and the ideals of selfless service. The training instills team spirit and a sense of nationalism, and it also helps in developing the overall personality of an individual.

The SRM TRP EC, NCC Senior Division (SD) Army Wing, was established in August 2021, and the Senior Wing (SW) was also established in August 2021 as part of the 2 (TN)BN NCC TIRUCHIRAPALLI. The Army wing is functioning under the able guidance and leadership of the Associate NCC officer, Lt. N. Periyasamy, Assistant Professor, Department of Mechanical Engineering, who has completed the Pre-Commission Course conducted for NCC officers in the Officers' Training Academy, Kamptee, and Nagpur.

The first- and second-year students are enrolled for a duration of three years. We have also enrolled girls in the NCC since 2022, and the total allotted strength, including girls, is 35. NCC parades are regularly conducted on the institution's grounds.

- **Soft Skill Development Facilities**

Soft Skills

Training on Personality Development, Leadership Skills, Business Communication Skills,

Crisis Management, Interview skills and Aptitude training are offered to students of all branches.

Allocation of hours

- Every department is encouraged to extend its support to organize a value addition course for 20 hours each semester.
- The 20 hours of training is spread across to two hours per week and they are reflected in the time table.

Conduct of Courses

• Practical sessions are arranged along with theory classes to give hands on training on technical skills.

• More emphasis is given to practical sessions for the students to get expertise in trouble shooting the technical problems.

• Certificates are given for certified course which help students during placements

• Activity based teaching is adopted for training soft skills which enables the student to communicate confidently in real life situations

Resource persons and Infrastructure facilities

• Sessions are handled by eminent resource persons from external organizations.
• Internal teaching faculty are also encouraged to obtain certifications from certifying bodies to support the conduct of training sessions.
• Theory classes are conducted in the classrooms.
• Department specific laboratories are utilized for conducting practical sessions.
• The soft skill training department consists of a coordinator, trainers and Staff coordinators from all the departments. It conducts the following programs (two hours/ week).

Trainers conduct

• Soft skill program
• Aptitude training
• Debate and group discussion session
• Mock interview
• Soft skills training are given to improve the performance of students in interviews, group discussions and thus secure excellent placement in reputed companies.
• To aim for 100% placement, the students are trained with Full Stack Development, Machine Learning, C, C++, JAVA, Python, Auto CAD, Piping & NDT, Primavera, CREO, Advanced Industrial Automation PLC, SCADA, Industry 4.0 IOT Industrial Robotics.

• A vibrant Placement and Training department grooms students for placement by providing technical and soft skills training.

• Students in short of communication skills are additionally trained on language and soft skills.

• Activity based teaching is adopted which enables the students to interact with peers in target language and participate enthusiastically. This builds confidence in them to face real life situations.

• Also, personality development courses, soft skill training and placement and training classes are incorporated in the time table where inputs are provided on improving the attitude and aptitude which will enhance placement probability of students

• Value added courses are conducted right from the first year of study based on the curricular gaps identified through mapping of desired course outcomes and the syllabus and matching them with the industries' dynamic requirements to enhance students' employability.

• SRM TRPEC has a well-established placement department that conducts value added courses, soft skills training and provides industry exposure.

• Personality, Communication, Soft Skill and Life Skill Development training for the students

• Add-on in the form of communication skills practice is conducted by the English department faculty to enhance soft skills of the students.

• Teaching Learning Process

The institution always places the students at the Centre of the teaching learning process.

• ICT enabled classrooms makes the student, the Centre of teaching learning process and the teacher, a facilitator for the students. There are provisions for sending notes and lecture presentations to group mail ids of the students.

• EDUSAT programmes help the student to understand the difficult subjects.

• Students make use of the internet, lab facilities to prepare for seminars / conferences / paper presentations etc.

• Students are benefitted from Online Public Access Catalogue for online access of E Journals.

• Online course materials are hosted on the intranet server to provide access to students.

• Students are provided with internet facility for their project work and for updating their knowledge. They use technologies developed by the college for solving problems, prepare and analyze different methods for practical applications.

• The college also conducts various workshop, seminars, guest lectures, conferences for the students, in order to acquaint them with current emerging trends.

• Teaching/ Learning process is enhanced based on the feedback given by the students.

Curricula and syllabus for each of the Programmes as approved by the University

R2021

UG Programme

B.E- Mechanical Engineering
B.E. Electrical and Electronics Engineering
B.E. Civil Engineering
B.E. Electronics and Communication Engineering
B.E. Computer Science and Engineering
B.Tech. Artificial Intelligence and Data Science

PG Programme

M.E. Thermal Engineering
M.E. VLSI Design

Academic Calendar of the University

Teaching Load of each Faculty

S.NO	DESIGNATION	NO OF HOURS
1	Professor	12 Hrs / Week
2	Associate Professor	16 Hrs / Week
3	Assistant Professor	20 Hrs / Week

Internal Continuous Evaluation System and place

- The institution insists the faculty members to prepare a question bank from previous year University papers along with answer key.

- Daily class tests are conducted in each and every subject before commencement of the internal assessment tests.
- The slow learners are identified and special coaching classes are conducted.
- Retests are conducted for students who failed to secure 60 of marks in continuous assessment tests
- After completion of internal assessment tests, the progress reports are subsequently sent to the parents.
- The students who secured less than 75% of attendance are asked to attend class after their parents meet

Student's assessment of Faculty, System in place

The effectiveness of faculty members in content delivery and assessment are evaluated by students through the online feedback system twice a semester. Based on the feedback score, individual faculty is counseled and guided by the Head of the Department. The parameter to which the feedback is provided is as follows:

- Organization of the subject matter in a logical sequence
- Faculty coming to the class on time and engaging regularly
- Preparation made by the faculty on the subject
- Faculty's knowledge on the latest developments in the subject area
- Faculty's ability to maintain discipline in the class
- Assistance and Counseling offered by the faculty to the needy students
- Faculty's appreciation and feedback on the students' performance
- Ability to take class audibly and clearly
- Usage of various methods and materials like PPT and video to take class
- Ability to write and draw legibly
- Teacher's ability to explain the concepts well and provide adequate examples
- Ability of the faculty to give instructions to the students according to their understanding
- Fair and impartial valuation of the answer papers
- Regular conduction of assignments, tests and return the answer papers on time

For each Post Graduate Courses give the following:

- Title of the Course, Curricula and Syllabi

  M.E. Thermal Engineering

  M.E. VLSI Design

  - Laboratory facilities exclusive to the Post Graduate Course

    - **Special Purpose Software, all design tools in case**

No	Software Name
1.	SPICE Software
2.	Motor Control
3.	Interface Board – ADC
4.	FPGA - Altera / Sparton boards
5.	DSO
6.	DAC
7.	Logic Analyzer

8.	CADENCE / TANNER / Mentor Graphics / Synopses
9.	Computer with (Processor i5 or above)
10.	ANSYS

Academic Calendar and frame work

16. List of Research Projects/ Consultancy Works/Ongoing Funded Projects:

Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/Co-Investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency
Neural controlled Prosethetic arm for amputee People	Dr.B.Ramasubramanian	Electronics and communication Engineering	2022-23	7,500	3 Months	Tamil Nadu State Council for Science and Technology (TNSCST)
Non Invasive ventillator arche type for robort control in Health monitoring system	Mr.S.Yuvaraj	Electronics and communication Engineering	2022-23	7,000	3 Months	Tamil Nadu State Council for Science and Technology (TNSCST)
Plastic Waste Detection	Dr.R.Venkatesan	Computer Science and Engineering	2022-23	7,500	3 Months	Tamil Nadu State Council for Science and Technology (TNSCST)
AI based eye care reccomendation system for the early diagonisis of maculopathy	Dr..B.RamaSubramanian	Electronics and communication Engineering	2022-23	1,052,632	3 Years	Science and Engineering Research Board (SERB)
Building Loading Calculation	Mr.M.Ganeshkarthikeyan	Mechanical Engineering	2022-23	177,000	6 Months	OZONEVAC, Chennai-094
Establishment of Audio/Video System in Auditorium	Dr.B.RamaSubramanian	Electronics and communication Engineering	2022-23	377,600	15 Months	AVN Solution, Chennai-119
Software module creation	Dr.P.Sudhakaran	Computer Science and Engineering	2022-23	283,200	3 Years	XTRACUT Solutions, Chennai - 094

Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/Co-Investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency
HAVC DESIGN	Mr.M.Ganesh Karthegayan	Mechanical Engineering	2022-23	318,600	1 Year	Intellect Air System, Chennai-600128
Electrical Load Calculation, Cable sizing, Panel and Elecrical Layout	Dr.P.Elangovan	Electrical and Electronics Engineering	2022-23	354,000	6 Months	Sri Shanjai Engineering ,Chennai-600083
AIbased Eye Care Recommendation system for the early diagnosis of	Dr. B. Ramasu bramanian	Electronics and communication Engineering	2022	21,72,632	3 Years	Science & Engineering Research Board
Design and development of a solar-powered marine debris collection	Dr. Y. Brucely	Mechanical Engineering	2025	7500	6 Month	Tamil Nadu State Council for Science and Technology (TNSCST)
Autisum Spectrum Disorder Prediction Using Machine Learning	Dr. P Sudhakaran	Computer Science and Engineering	2025	7500	6 Month	Tamil Nadu State Council for Science and Technology (TNSCST)
Neural controlled Prosethetic arm for amputee People – 6 Months	Dr.B.Ramasu bramanian	Electronics and communication Engineering	2024	7500	6 Month	Tamil Nadu State Council for Science and Technology (TNSCST)
Non-Invasive ventillator arche type for robort control in Health	Mr.Yuvaraj.S	Electrical and Electronics Engineering	2024	7000	6 Month	Tamil Nadu State Council for Science and Technology (TNSCST)
Plastic Waste Detection – 6Months	Dr.R.Venkatesan	Mechanical Engineering	2024	7500	6 Month	Tamil Nadu State Council for Science and Technology (TNSCST)

AI and IIOT Synergies Transforming Solar Powered EV Charging	Dr. M.P. Flower Queen Dr. G. Maheswaran	Electrical and Electronics Engineering	2025	350000		AICTE-ATAL

18. Industry Linkage : MoUs with Industries

S.NO	COMPANY NAME	Department	VALID TILL
1	M/s. Infosys	ALL BRANCHES	23.09.2026 (5 Years)
2	M/s. VATIO Energy India Pvt. Ltd.	ECE & EEE	04.07.2025 (Renewed 1 times)
3	M/s. eQuadriga Software P Ltd	ECE & CSE	25.07.2025 (Renewed 2 times)
4	M/s. Baby Engineering Pvt. Ltd	MECH	21.08.2025 (Renewed 1 times)
5	M/s.Micromax Systems Pvt. Ltd.	ECE & CSE	21.08.2025 (Renewed 1 times)
6	M/s. VDart Software Services Pvt Ltd	ECE & CSE	06.09.2025 (Renewed 1 times)
7	M/s. AQUASUB Engineering	MECH	09.09.2025 (3 Years)
8	M/s. Jeyam Builders	CIVIL	30.10.2025 (3 Years)
9	M/s. High Energy Batteries P.Ltd	ECE & EEE	14.07.2026 (4 Years)
10	M/s Meta Soft Tech Systems Pvt. Ltd.	ECE & CSE	12.08.2027 (Renewed 1 times)
11	M/s. A. Ramanathan and Company	CIVIL	12.09.2027 (Renewed 1 times)
12	M/s. Propeller Technologies	ECE & CSE	13.09.2027 (Renewed 1 times)
13	M/s. Energy Soft Solutions	ECE & CSE	20.09.2027 (Renewed 1 times)
14	M/s. Ashok Leyland Ltd.,	ALL BRANCHES	06.01.2028 (Renewed 1 times)
15	M/s. K Square Planners & Designers	CIVIL	18.04.2027 (3 Years)
16	Bharat Sanchar Niham Ltd.	ECE & EEE	30-04-2027 (3 Years)
17	M/s. EGSTON Electronics (India) (p) Ltd. (Pulse Electronics)	ECE & EEE	19.09.2027 (3 Years)
18	M/s. KONE Elevator India Pvt. Ltd.	ALL BRANCHES	03.11.2026 (2 Years)
19	IIT (XTIC), Madras	ALL BRANCHES	13.11.2025 (One Year)

20	M/s.Delphi TVS Technologies ltd..Chennai	ECE,EEE & MECH	06.02.2028 (3 years)
21	National Formosa University in Taiwan	ECE and CSE	06.02.2027 (2 Years)
22	M/s.AMG Academy Pvt. Ltd	ALL BRANCHES	One Year
23	Global Reskilling Movement collaboration & Audacious Dream Foundation	ALL BRANCHES	21.03.2025 (One Year)
24	Penang State Govt., Malaysia	ALL BRANCHES	30.11.2026
25	check Point Software technologies , Isreal	ALL BRANCHES	09.12.2025

19. LoA and subsequent EoA till the current Academic Year Link

20. Accounted audited statement for the last three years Link

21. Best Practices adopted, if any, (Details to be provided)

BEST PRACTICE – I

Title of the Practice:

Skill Development for Enhancing Employability and Industry Readiness

Objective of the Practice:

In a rapidly evolving society, engineers must develop professional, interpersonal, and personal skills alongside technical expertise. These include communication, project management, ethics, teamwork, leadership, creative and critical thinking, and empathy. This holistic skill set ensures innovation, technological progress, and societal contributions, enabling students to manage complex systems, collaborate effectively, and positively impact society.

Context:

SRM TRP Engineering College, affiliated with Anna University, follows the university's curriculum. The Department Advisory Board (DAB) conducts curricular gap analysis and has identified the following:

- The curriculum emphasizes theory over professional, personal, and interpersonal skills;
- Practical courses are outdated and misaligned with industry needs;
- 70% of students from rural backgrounds lack essential communication and interpersonal skills, affecting their employability.

The practice:

As per statutory guidelines and National Education Policy 2020 recommendations, SRM TRP Engineering College integrates essential subjects, skills, and capacities into its teaching-learning process. The college offers professional skill development through the Tamil Nadu government's Naan Mudhalvan Upskilling Platform, providing dynamic industry-specific training. This platform helps students achieve career goals and secure jobs according to their skill sets. Training is conducted by industry professionals.

The Department Advisory Board (DAB) identifies curriculum gaps and recommends industry-ready skills through value-added courses (VAC). These courses are conducted on weekdays and weekends and cover cutting-edge skills in various programs:

Mechanical Engineering: Non-Destructive Testing (NDT), Hydraulic and Pneumatic Circuit Design, AutoCAD, NX-CAM Basics, Solid Edge 2D Drafting.

Civil Engineering: Revit Architecture, STADD Pro Column Design, Primavera Architecture, Multi-Storey Analysis.

Electronics and Communication Engineering: Machine Learning, Data Visualization, Embedded C, RF Circuit Design, and IoT in Industry 4.0.

Electrical and Electronics Engineering: LabView, Electronic Design Automation, PLC, Industry 4.0, NI Multisim.

Computer Science and Engineering: Cloud Essentials, R Programming, Android, Machine

Learning Fundamentals, and Python for Data Science.

Personal and interpersonal skills are also enhanced through training in analytical and logical reasoning, communication, motivation, personality enhancement, team management, leadership, creativity, aptitude, interview skills, and group discussion.

Evidence of Success:

The implementation of skill-based training has led to an 80% improvement in student performance in solving complex engineering problems, participating in design contests, understanding core topics, and developing real-time projects. This practice also boosted core placements, continuing education, and lifelong learning. Successes include 02 students won prizes in the Smart India Hackathon, 4 student projects received grant from the Tamil Nadu State Council for Science and Technology (TNSCST), and a batch of 10 students has developed an E-vehicle for the state level design contest. The skill development practices enabled 80% of students to secure placements in top companies over the past 5 years. Additionally, 2 students have become successful entrepreneurs due to skill-integrated training.

Problems Encountered and Resources Required

The existing academic structure fails to rapidly adapt to emerging technologies, market needs, and student aspirations. Faculty members are encouraged to update their skills to benefit students, but contemporary industry-relevant faculty development programs offered by the institutions are less in number. The system must consider 21st-century learners' diverse styles and preferences, tailoring skill sets to their interests and capabilities.

BEST PRACTICE – II

Title of the Practice:

Enhancing Student Learning Through Global Engagement

Objectives of the Practice:

SRM TRP Engineering College supports learners and faculty through international collaborations to:

- Promote global exposure in higher education.
- Provide guidance for international exchange.
- Offer foreign language resources.
- Enhance faculty-student development
- Tap global employment opportunities
- Endorse the college internationally
- Foster global amity
- Create collaborative learning through MoUs.
- Develop global mindsets and citizenship.

The Context:

In designing international exposure practices for students, several factors require attention:

- Students from rural backgrounds should be given information about international education opportunities.
- Information about scholarship opportunities can mitigate the financial burden of international programs.
- Pre-departure orientations and support systems help students and families navigate safety and cultural challenges.

The Practice:

1. NEP 2020 Internationalization: Partnerships with foreign universities (University Tunku Abdul Rahman (UTAR) and Infrastructure University, Kuala Lumpur, Malaysia) for student and faculty exchanges.
2. Immersion Programs: Study abroad opportunities, internships with international companies, and cultural exchanges to enhance global outlook and intercultural communication.

3. Foreign Professor FDP, Courses, Seminars: Engagement of foreign professors in Faculty Development Programs, specialized courses, and seminars to introduce global academic standards on campus.
4. MoU Activities: Joint research projects, exchange programs, and collaborative academic events through Memorandums of Understanding with foreign universities.
5. Foreign Language Classes: Curriculum-integrated foreign language classes, such as
    a. German, French, and Japanese, to enhance global communication and employability.

Despite innovative practices, challenges include regulatory hurdles, financial investments, and logistical complexities. Nevertheless, these practices, rooted in NEP 2020, aim to overcome barriers and embrace global interconnectedness, setting new standards for international exposure in Indian higher education.

Evidence of Success:

Evidence of success for international exposure in Indian higher education includes:

- Signed an MoU with National Formosa University for student and faculty exchange, research collaborations, joint projects, and more.
- First-year Mechanical Engineering student Mr. Divya Prabhu, underwent an immersion and internship programme in Malaysia from February 25 to 29, 2025.
- Increased Enrolment in Abroad MS Programs: Twenty students pursuing MS degrees abroad, reflecting effective international exposure initiatives.
- German Language Proficiency and Opportunities: A B.E. Computer Science student (2019-2023) enrolled in MS at Brandenburg University of Technology, Germany, showcasing program success.
- More number of students have started showing interest to pursue higher studies in abroad.

These results highlight improved global competencies, international collaborations, and a global outlook among students, preparing them for global challenges and opportunities through increased interest in studying abroad and learning new languages.

Problems Encountered and Resources required:

Implementing international exposure programs for students involves:

- Planning the Immersion Program: Organizing requires significant time and resources, including dedicated staff, planning tools, and project management software for coordinating with international institutions and managing logistics.
- Availability of Professors (Time Constraints): Coordinating schedules between local and foreign professors is challenging due to time zone differences. Flexible scheduling, asynchronous teaching methods, and investment in digital collaboration tools are essential.

INSTITUTIONAL DISTINCTIVENESS

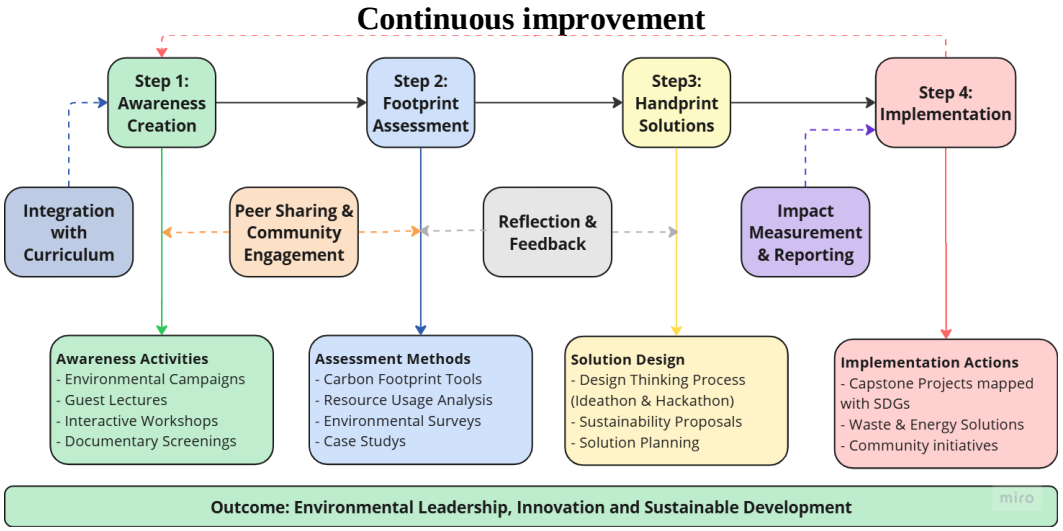
Implementation of SDGs:

SRM TRP Engineering College (SRMTRPEC) is committed to integrating sustainability into engineering education to prepare students for global environmental challenges. As a signatory of the SDG Accord, the institution actively promotes Sustainable Development Goals (SDGs) through curriculum reforms, faculty development, and student-led projects. This initiative aligns with the "Next Generation Learning & Skills" criteria by embedding sustainability in learning methodologies and industry-oriented training.

Activities Undertaken

Step 1: Awareness Creation

The first step in building a sustainable mindset among students is **Awareness Creation**, which aims to sensitize them to pressing environmental issues and the importance of sustainability. At SRM TRP Engineering College, this step is executed through a variety of engaging and informative programs. **Guest lectures** by sustainability experts and industry leaders provide real-world insights, while **seminars and documentary screenings** help build a foundational understanding of climate challenges and global goals like the SDGs. To encourage creativity and personal expression, **SDG-themed art competitions, poster displays**, and **video screenings** are conducted. These activities not only spark curiosity but also foster critical thinking, empathy, and responsibility. Through these initiatives, students begin their journey as informed individuals ready to take action toward environmental stewardship.



Step 2: Footprint Assessment

In this step, students are encouraged to evaluate their **individual and collective environmental impact** using tools like carbon footprint calculators, resource usage audits, and sustainability surveys. To deepen their understanding, students are provided with real-life case studies that highlight critical issues such as excessive energy consumption, water wastage, and improper waste management. These case studies serve as learning models, enabling students to analyze the causes and consequences of unsustainable practices. As part of this initiative, students are tasked with documenting their findings and observations, which are then compiled into a digital repository. This growing collection of case-based knowledge becomes a valuable reference for future batches, especially during the solution design phase. By grounding the learning in actual scenarios, this step helps students connect theory with practice, and better prepares them to propose realistic, sustainable handprint solutions.

Step 3: Handprint Solutions

The third step, Handprint Solutions, shifts the focus from identifying problems to creating positive, sustainable actions. At this stage, students are empowered to design practical and innovative solutions to the environmental issues uncovered during their footprint assessment. To foster creativity and collaborative problem-solving, the institution organizes Ideathons and Hackathons, where students work in teams to develop sustainability-focused ideas.

These events encourage the application of design thinking principles, guiding students through ideation, prototyping, and solution planning. Whether it's developing waste management systems, green technology tools, or water-saving models, the emphasis is on creating implementable, impact-driven solutions that align with SDGs. The most promising ideas are shortlisted for further development and execution in the final implementation phase. This approach not only nurtures innovation and leadership but also transforms students into solution-oriented thinkers committed to environmental change.

Step 4: Implementation

The final step, Implementation, brings student-generated handprint solutions to life through real-world action. In this phase, selected ideas from ideathons and hackathons are transformed into impactful capstone projects, campus initiatives, or community-based programs. Students collaborate with faculty, local bodies, and industry partners to execute their solutions—be it in the form of waste management systems, energy-saving models, or awareness campaigns aligned with the SDGs.

Throughout implementation, students apply project management skills, track outcomes, and adapt based on feedback. The process not only instills a sense of ownership and accountability but also encourages long-term thinking and practical sustainability leadership. This step bridges the gap between learning and doing, making students active contributors to a greener, more sustainable future.

AICTE HANDBOOK APH2024-2027