

MANDATORY DISCLOSURE

SREE NARAYANA INSTITUTE OF TECHNOLOGY,
ADOOR

2023-2024

MANDATORY DISCLOSURE

B. S. Jim



I. POST GRADUATE & UNDER GRADUATE & DIPLOMA IN ENGINEERING AND TECHNOLOGY

AICTE File No	F.No. South-West/1-36971460930/2023/EOA
AICTE PERMANENT ID	1-475531901
Date & Period of last approval	10-June-2023, Academic Year 2023-24

II. MBA

AICTE File No	F.No. South-West/1-36589823849/2023/EOA
AICTE PERMANENT ID	1-2189140071
Date & Period of last approval	15-May-2023, Academic Year 2023-24

**III. Name of the Institution:
TECHNOLOGY**

SREE NARAYANA INSTITUTE OF

Theppupara P.O., Adoor,
Kerala, Pin – 691 554
Tel: (O) 04734 – 244600,
Fax: 04734-243400
Website: www.snit.edu.in
Email: info@snit.edu.in & principal@snit.edu.in

IV. Name & Address of the Trust:

**PATTAYIL KUNJUKUNJU MEMORIAL
CHARITABLE TRUST ADOOR, 691554**

V. AISHE CODE:

C-51630

VI. Name & Address of the Principal:

Dr. SHAJI MOHAN B.,
12-D, Varma Homes,
Dr. Pai Road, Poojappura,
Thiruvananthapuram, Kerala -695 012
Tel: (O) 04734-244600; (R) 04734
240500
Fax: 04734-243400,
Email: principal@snit.edu.in

VII. Name of the Affiliating University:

**A P J ABDUL KALAM TECHNOLOGICAL
UNIVERSITY, KERALA**

VIII. Governance

(a). College Governing Council

1. Mr. K. SADANANDAN CHAIRMAN
(Chairman, Sree Narayana Institute of Technology Pattayil
Kunju Kunju Memorial Charitable Trust)
2. Mr. ABYIN AMPADIYIL MEMBER
(Managing Director, Sree Narayana Institute of Technology &
Pattayil Kunju Kunju Memorial Charitable Trust)
3. Mr. VIPIN AMPADIYIL MEMBER
(Executive Director, Sree Narayana Institute of Technology &
Pattayil Kunju Kunju Memorial Charitable Trust)
4. Mrs. USHA SADANANDAN MEMBER
(Director Board Member, Pattayil Kunju Kunju Memorial
Charitable Trust)
5. Dr. SHAJI MOHAN B., MEMBER
(Principal, Sree Narayana Institute of Technology)
6. Dr. KESHAV MOHAN MEMBER
(Director, Academic Chairman)
7. Prof. N. RADHAKRISHNAN NAIR MEMBER
(Academic Coordinator, Sree Narayana Institute of Technology)
8. Dr. M. D. SREEKUMAR MEMBER
(Vice Principal and HoD, Dept of Mechanical. Engg.)
9. Prof. SUJA PAULOSE MEMBER
(Associate Professor and HoD, Dept of Electronics & Communication Engg.)
10. Prof. CHIPPY R. S. MEMBER
(Assistant Professor and HoD, Dept of Management Studies.)
11. Dr. SARATH RAJ MEMBER
(Assistant Professor and HoD, Dept of Mechanical Automobile Engg.)
12. Prof. LEKSHMI R NAIR MEMBER
(Associate Professor and HoD, Dept of Electrical & Electronics Engg.)
13. Prof. RIYANA M.S. MEMBER
(Assistant Professor and HoD, Dept of Civil Engg.)

14. Mr. ANAND V.J (Assistant Professor. & IQAC Coordinator)	MEMBER
15. Nominee of Regional Office, AICTE, Bangalore	MEMBER
16. Nominee of office of the Director of technical education, Kerala.	MEMBER
17. Nominee of APJ Abdul Kalam Technological University .Kerala	MEMBER
18. Nominee of Government of Kerala	MEMBER

Frequency of meetings- Once in a semester

(b). Academic Advisory Body (Academic Council)

1. Mr. ABYIN AMPADIYIL, Managing Director, Sree Narayana Institute of Technology
2. Dr SHAJI MOHAN B., Principal, Sree Narayana Institute of Technology
3. Dr. KESHAV MOHAN, Former Director, Disaster Management Authority, Govt. of Kerala, Educationalist and Director, Academic Chairman, Sree Narayana Institute of Technology
4. Prof. N. RADHAKRISHNAN NAIR, Academic Coordinator, Sree Narayana Institute of Technology
5. Dr. M. D. SREEKUMAR, Vice Principal and HoD, Dept of Mechanical. Engg.
6. Prof. SUJA PAULOSE, Associate Professor and HoD, Dept of Electronics & Communication Engg.
7. Prof. CHIPPY R. S, Assistant Professor and HoD, Dept of MBA
8. Dr. SARATH RAJ, Associate Professor and HoD, Dept of Mechanical Automobile Engg.
9. Prof. LEKSHMI R NAIR, Associate Professor and HoD, Dept of Electrical & Electronics Engg.
10. Prof. RIYANA M S, Assistant Professor and HoD, Dept of Civil Engg.
11. Mr. ANAND V.J, Assistant Professor & IQAC Coordinator
12. Mrs. NISHY SUSAN JOY, Librarian
13. Mr. SOORAJ KUMAR B, Workshop Superintendent.

Frequency of meetings- Twice in a semester

IX. Profile of Principal with qualifications, total experience, age and duration of employment at the institute concerned

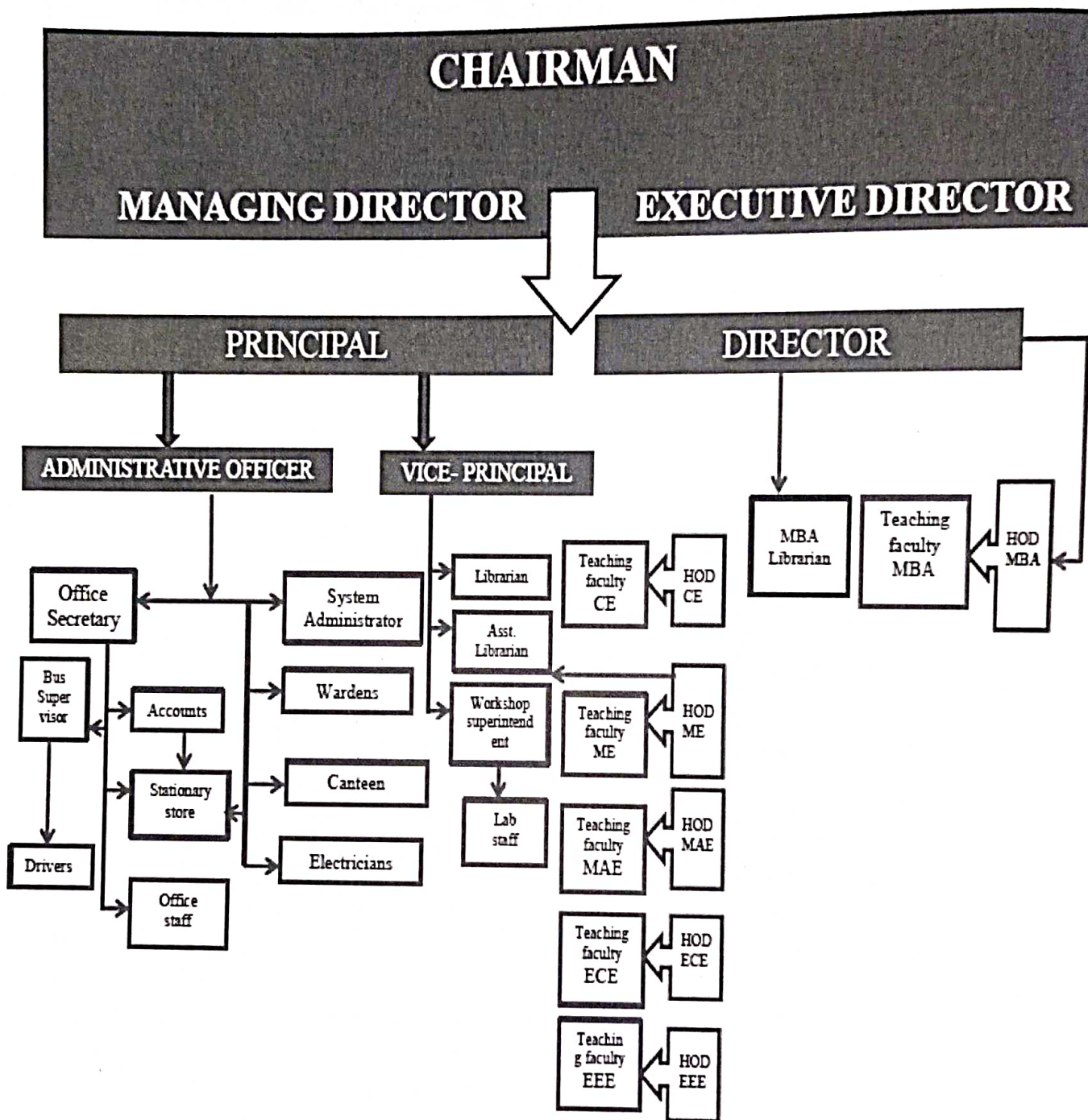
Name	Dr. Shaji Mohan B.
Designation	Principal
Date of Birth	21.05.1965
Academic Qualification	B. Tech. Mechanical Engineering – First Class M. Tech. Mechanical Engineering (Industrial Refrigeration & Cryogenic Engineering) – First Class with Distinction
Field of Specialization	Ph.D.(IITM) Air conditioning
Duration of employment at the present Institute	2 year & 5 months
Details of Experience (Academic/Industrial)	Academic – 24 years Industrial – 7 years
Membership in professional bodies	Life member: ISTE, SAE Member : ISHRAE
Number of paper published	7

X. Internal Quality Assurance Cell

As part of the accreditation quality sustenance measure, suggested by National Assessment and Accreditation Council (NAAC), SNIT has constituted an Internal Quality Assurance Cell (IQAC) since 2015. Since quality enhancement is a continuous process, the IQAC will become a part of the institution's system and work towards realization of the goals of quality enhancement and sustenance. The work of the IQAC is the first step towards internalization and institutionalization of quality enhancement initiatives. Its success depends upon the sense of belongingness and participation it can inculcate in all the constituents of the institution. It has the potential to become a vehicle for ushering in quality enhancement by working out planned interventionist strategies to remove deficiencies and enhance quality. The cell convenes regular meetings of the various committees during the academic year for ensuring the proper running of the systems and procedures developed for quality sustenance. Annual planning and review meetings, discussions and seminars etc. are organized by the IQAC for effectively aligning the activities of the institution to its vision, mission and motto.

IQAC Coordinator –Mr. ANAND V.J, Assistant Professor, Department of
Electronics and Communication Engineering

X1. Organizational chart and processes



PROGRAM OFFERED BY THE INSTITUTION

A.)Name of Program approved by AICTE & MBA, M.Tech , B.Tech -Affiliated to A P J Abdul Kalam Technological University, Kerala & Diploma Affiliated to Kerala State Board of Technical Education

Sl No	Level	Program	Broad Discipline Group Category	Broad Discipline GroupName	Discipline/ Subject	Duration	Approved Intake	Year of Start
1	P G	MBA	Management Administration	Business Administration	Management	2	60	2014
2	P G	M.Tech	Engineering & Technology	Civil Engineering	Structural Engineering & Construction Management	2	18	2014
3	UG	B.Tech	Engineering & Technology	Civil Engineering		4	60	2011
4	UG	B.Tech	Engineering & Technology	Mechanical Engineering		4	30	2011
5	UG	B.Tech	Engineering & Technology	Mechanical Automobile Engineering		4	60	2011
6	UG	B.Tech	Engineering & Technology	Electrical and Electronics Engineering		4	30	2011
7	UG	B.Tech	Engineering & Technology	Electronics and Communication Engineering		4	30	2011
8	UG	B.Tech	Engineering & Technology	Computer Science and Engineering (Data Science)		4	60	2023
9	UG	B.Tech	Engineering & Technology	Computer Science Engineering		4	60	2024
10	UG	B.Tech	Engineering & Technology	Electronics and Computer Engineering		4	30	2024
11	Diploma	Diploma	Engineering & Technology	Artificial Intelligence and Machine Learning		3	60	2022
12	Diploma	Diploma	Engineering & Technology	Automation and Robotics		3	60	2022
13	Diploma	Diploma	Engineering & Technology	Cyber Forensics and Information Security		3	60	2022
14	Diploma	Diploma	Engineering & Technology	Mechatronics		3	60	2023
15	Diploma	Diploma	Engineering & Technology	Civil and Environmental Engineering		3	60	2023

B.) Number of students admitted under various categories each year in the last three years

Year	No. of branches and sanctioned intake	Govt. Seats	Management Seats	Total
B-Tech 2016-17	5 branches 5x60=300	69	156	225
2017-18	5 Branches 5x60=300	24	115	139
2018-19	5 Branches 5x60=300	13	145	158
2019-2020	5 Branches 5x60=300	10	78	88
2020-2021	5 Branches 5x60=300	17	76	93
2021-2022	5 Branches 5x60=300	6	57	63
2022-2023	5 Branches 5x60=300	6	126	132
M-Tech 2016-17	2 Branches 18+18=36	6	6	12
2017-18	2 Branches 18+18=36	8	10	18
2018-19	2 Branches 18+18=36	7	9	16
2019-2020	2 Branches 18+18=36	4	4	8
2020-2021	2 Branches 18+9=27	10	3	13
2021-2022	2 Branches 18+9=27	7	3	10
2022-2023	2 Branches 18+9=27	2	1	3
MBA 2018-19	1 Branches 1x60=60	32	-	32
2019-20	1 Branches 1x60=60	12	-	12
2020-2021	1 Branches 1x60=60	11	15	26
2021-2022	1 Branches 1x60=60	29	11	40
2022-2023	1 Branches 1x60=60	21	7	28

		115
2017-18	159	145
2018-19	191	78
2019-20	94	76
2020-21	88	57
2021-22	83	132
2022-2023	159	

- **M.Tech**

Academic Year	Applications received	Admitted
2017-18	23	18
2018-19	17	16
2019-20	10	8
2020-21	13	13
2021-22	13	10
2022-2023	7	3

- **MBA**

Academic Year	Applications received	Admitted
2017-18	35	27
2018-19	33	32
2019-20	18	12
2020-21	35	26
2021-22	54	40
2022-23	35	27

XIII ADMISSION PROCEDURE

A. B-TECH

- a) Candidates who have passed Higher Secondary Examination, Kerala, or Examination recognized as equivalent thereto, with Physics and Mathematics as compulsory subjects and Chemistry as one optional subjects with at least 45% marks put together in the above subjects are eligible for admission. In case, the candidate has not studied Chemistry, the marks obtained in Computer Science shall be considered. In case the candidate has not studied Chemistry and Computer Science, the marks obtained in Biotechnology, shall be considered. In case the candidate not studied Chemistry, Computer Science & Biotechnology, the marks obtained in Biology shall be considered. The marks as shown in the mark list of the Board of Examination obtained from the respective Higher Secondary Board shall be considered for academic eligibility.
- b) In the case of Engineering Courses, candidates belonging to SC/ST/SEBC or PD the minimum mark obtained in Physics, Mathematics, Chemistry/Computer Science/Biotechnology/Biology taken together in qualifying examination shall be 40% instead 45%.
- c) Candidates should qualify for KEAM/ JEE.
- d) Candidates should have obtained a valid rank in the entrance examination conducted by the Commissioner for Entrance Examination Kerala.

B. M-TECH

- a) The candidates shall have Degree in respective branches of engineering awarded by the Universities of Kerala, or equivalent.
- b) Candidates should have a minimum of 60% aggregate marks in the engineering degree examination. For SC/ST candidates a pass in the above mentioned degrees is sufficient
- c) Candidates with a valid GATE score will be given more preference.

C. MBA

- a) Any degree recognized by the University Grants Commission (UGC) with 50% marks for General Category 40% marks for SEBC (OBC) Category A pass for SC/ST Candidates
- b) A valid CAT/CMAT/KMAT score card.

D. DIPLOMA

- a) The candidate shall be a citizen of India.
- b) Candidates seeking admission to Polytechnic Colleges shall be categorised as Keralite and NonKeralite.
- c) Keralite: A candidate of Kerala origin shall be categorised as a 'Keralite' as per Clause

8.15(Prospectus).

- d) The candidate shall have passed SSLC/THSLC or equivalent examination, with eligibility for higher studies.
- e) Candidates who have passed qualifying examination with Mathematics, English and Science subjects are eligible to apply for both stream I and stream II.
- f) Candidates who have passed qualifying examination with Mathematics and English are eligible to apply for stream II.
- g) A candidate who has taken more than two chances to secure eligibility for higher studies in SSLC/THSLC or equivalent examinations is not eligible for admission. Appearances for "Betterment" or "SAY" examination shall not be considered as a chance.
- h) For CBSE/ICSE/Open school candidates the Marks/Grades obtained in Science is considered for calculating grade in the place of Physics and Chemistry. As per Circular No. Acad 03/2019 dated 10th January 2019 of AICTE, CBSE school candidates who have passed qualifying examination with Mathematics-Standard are only eligible to apply for stream I and stream II
- i) In the case of CBSE candidates, only the certificates of Board examination shall be accepted as qualifying certificate and such candidates shall submit an undertaking as shown in annexure XIV at the time of admission. This undertaking need only be submitted by candidates who have passed CBSE Xth during the period 2010-2018.
- j) Hearing Impaired candidates with 60dB or above hearing loss in better ear who have passed SSLC/THSLC or equivalent examination, with eligibility for higher studies are eligible to apply for admission to Special Batches for Hearing Impaired.

Calendar for admission is published every year by CEE

XIV .DETAILS OF FEES

a. B. Tech

Fees structure as decided by the Government of Kerala Higher Education (G)

Department vide order no: GO (MS) No 442/2022/HEDN Dated 6/09/2022

Annual fees for 4 year B. Tech	Seats to be filled up by CEE (50%) General Merit		Seats to be filled up by Management (50%)	
	Low Income group	Others	Management Quota(College Merit)	NRI (- Non-resident Indians)
No of Seats	25% seats	25% seats	35% seats	15% seats
Yearly Tuition Fees	Rs 50,000	Rs 50,000	Up to Rs 99,000	Up to Rs1,50,000/-
Yearly Special fees	Nil	Rs 25,000	Rs 25,000	Rs 25,000
Interest free Non Refundable Deposit for 4 years	Nil	Nil	Rs1,50,000/-	Rs1,50,000/-
Time schedule for payment of fee for the entire programme: commencement of odd semester (June July period of every year)				
Cost of application, Admission fees, University Exam fees, KTU student affiliation fee of, Rs.750/- from each PG student				
Cost for Uniform & ID cards are extra				

Tuition Fee waivers- TFW

The All India Council for Technical Education (AICTE) has sanctioned 5% of the sanctioned total intake as supernumerary seats for admission under Tuition Fee Waiver Scheme (TFW), and such seats have to be mandatorily allotted. The Commissioner for Entrance Examinations (CEE) shall fill up these seats under the Tuition Fee Waiver scheme as per AICTE norms, and to such Courses in an institution where a minimum of 30% of approved intake in the respective Courses are filled up.

b. M. Tech

As per prospectus for admission to M.Tech Published by LBS.

Sl. No	Details	Amount in Rs
1	Tuition fee per semester	12000
2	Admission fee	650
3	Caution Deposit /-(refundable)	5000
4	Special Fee per year	3500
5	Establishment charge	1500
6	KTU student affiliation fee	1000
7	Arts & Sports Fee	530
8	Application Fee for General Category/ reserved category	500/250

9	Cost for Uniform & ID cards are extra	
10	Time schedule for payment of fee for the entire programme: commencement of odd semester (June July period of every year)	

c. MBA

As Per Approval of Prospectus for MBA Course 2023-24 in respect Sree Narayana Institute of Technology, Adoor- Order No ASC 100/22/MBA/SNIT issued on 11.04.2022 by Admission Supervisory Committee for Professional Colleges in Kerala

Sl No:	Particulars	1 st Sem	2 nd Sem	3 rd Sem	4 th Sem
1	Tuition Fee	60,000	60,000	60,000	60,000
2	Placement Training and Industry Interaction	10,000	10,000	10,000	10,000
3	Caution Deposit	10,000	-	-	-
4	Admission Fees	1500	-	-	-
5	Communication Lab Fee	1000	1000	1000	1000
6	Library and Internet Fee	10,000	10,000	10,000	10,000
7	Value Added Courses	3000	3000	3000	3000
	Total	95500	84000	84000	84000
	Cost for Uniform & ID cards are extra				
	Time schedule for payment of fee for the entire programme: commencement of odd semester (June July period of every year)				

d. Diploma

	Seats to be filled up by DTE (50%) General Merit	Seats to be filled up by Management Quota (50%)
Yearly Tuition Fee	Rs. 22,500/-per year at the time of beginning of odd sem	Rs.37,500/- Per year at the time of beginning of odd sem
Examination Permanent registration fee	Rs.1840/- at the time of Admission	Rs.1840/- at the time of Admission
Special fee	Rs.2500/ per year Beginning of odd semester	Rs.2500/ per year Beginning of odd semester
Caution Deposit	Rs 5000/-	Rs 5000/-

(Refundable at the time of issue of TC)		
Interest free deposit(Refundable at the time of issue of TC)	Rs. 10000/-at the time of Admission	Rs. 10000/- at the time of Admission

Hostel Facilities

One of the star attractions of SNIT is the excellent hostel facility. The two campus hostels, for gents (90Capacity) and for ladies (92Capacity), are taken care of by dedicated Hostel Warden. All rooms are wash rooms attached. Affectionate discipline, tasty food at moderate rates and neat rooms with modern sanitation are the hallmarks of the SNIT hostels. Estimated cost of boarding and Lodging in Hostels is hostel rent Rs 6000/- per head per month.

XV. FACULTY LIST

<i>Sl no:</i>	<i>Faculty Name</i>	<i>Gender</i>	<i>Designation</i>	<i>Qualification</i>	<i>DOJ</i>
1	Prof. N RadhakrishnanNair	Male	Academic Coordinator	M.Sc (Physics (Electronics)), B.Sc (Physics), M.Phil, (Physics)	06-01-2013
2	Smitha Sankar	Female	Assistant Professor	M.Sc (Maths),B.Sc (Statistics),M Phil,BED (Maths)	01/08/2018
3	Riya S Mathew	Female	Assistant Professor	M.Sc.Physics (physics),B.Sc Physics (physics)	01-04-2022
4	Anjali J	Female	Assistant Professor	M.Sc Chemistry (Chemistry), B.Sc Chemistry	12-09-2022
5	Sreejith A R	Male	Assistant Professor	M.E. (Applied Electronics), B.E. (ECE)	12-09-2022
6	Retheesh S	Male	Assistant Professor	MA (English),BA(English)	12-09-2022
7	Sooraj S	Male	Physical Education Trainer	B Ped, M Ped, K – TET	7/11/2022

CIVIL ENGINEERING

Sl no:	Faculty name	Gender	Designation	Qualification	DOJ
1	Riyana M S	Female	Assistant Professor & HOD	M.Tech (Construction Engineering & Management), B.Tech (CE) Pursuing Ph.D	03/07/13
2	Lekshmi Priya R	Female	Assistant Professor	M.Tech (Structural Engineering), B.Tech (CE)	15/06/14
3	Chaithra S	Female	Assistant Professor	M.Tech (Structural Eng. Construction Management), B.Tech (CE)	25/07/2016
4	Gopika A S	Female	Assistant Professor	M.Tech (Geotechnical Engineering), B-TECH (CE), Diploma (CE)	17/06/2019
5	Reshmy M Raju	Female	Assistant Professor	M.Tech (Environmental Engineering), B.Tech(CE)	17/06/2019
6	Reshma C	Female	Assistant Professor	M.Tech (Computer Aided Structural Engineering), B.Tech(CE)	03/07/2017
7	AnjuThulasi	Female	Assistant Professor	M.Tech (Structural Engineering & Construction Management)	01-08-2019
8	Preena Praveen	Female	Assistant Professor	M.Tech (Structural Engineering & Construction Management)	12/09/2022
9	Geethu M S	Female	Assistant Professor	ME (Construction Engineering & Management)	04-01-2021
10	Thanuja Sasi	Female	Assistant Professor	M.Tech(Transportation Engineering)	13-03-2023
11	Amal Anand	Male	Assistant Professor	M.Tech (Structural Engineering & Construction Management)	01-09-2021

ELECTRICAL AND ELECTRONICS ENGINEERING

<i>Sl. No.</i>	<i>Faculty Name</i>	<i>Gender</i>	<i>Designation</i>	<i>Qualification</i>	<i>DOJ</i>
1	Lekshmi R Nair	Female	HOD	Ph.D Pursing (Communication Systems),M.Tech (Communication Systems),B.Tech (ECE)	10/06/2015
2	Sarath Kumar S	Male	Assistant Professor	M.Tech (Power Electronics & Drives), B.Tech (EEE)	03/07/2017
3	Karthika Nair	Female	Assistant Profess or	M.Tech (Power Electronics & Drives), B.Tech (EEE)	14-08-2020
4	Aswathy Mariam Mohan	Female	Assistant Professor	M.Tech (Power System),B.Tech (EEE)	21/06/2016
5	Reshma Muraleedharan	Female	Assistant Professor	M.Tech (Power Systems), B.Tech (EEE)	13-09-2021
6	Divya G	Female	Assistant Professor	ME (Power Systems), B.Tech(EEE)	01-08-2022
7	Dr. Mahesh V	Male	Assistant Professor	M.E., Ph.D.	02.08.2023
8	Reena Chandran	Female	Assistant Professor	M. Tech.	18.05.2015
9	Nayana M A	Female	Assistant Professor	M. Tech.	31.07.2023
10	Athira P Nair	Female	Assistant Professor	M.E.	01-08-23
11	Akhila G Babu	Female	Assistant Professor	M. Tech.	31.07.2023

ELECTRONICS AND COMMUNICATION ENGINEERING

Sl. No.	Faculty Name	Gender	Designation	Qualification	DOJ
1	Suja Paulose	Female	HOD	M.Tech (Communication Systems),BE (ECE)	1/7/2013
2	Lekshmi Raj R	Female	Assistant Professor	M.Tech (VLSI & Embedded Systems),BE(ECE)	1/10/2011
3	V J Anand	Male	Assistant professor	ME (Communication Systems),BE (ECE)	4/7/2012
4	Ashly P	Female	Assistant Professor	M.Tech (ECE),B.Tech (ECE)	1/10/2011
5	Banjo C Babu	Male	Assistant Professor	ME (Communication Systems),B.Tech (ECE)	4/5/15
6	Lekshmi Chandra K	Female	Assistant Professor	ME (Communication Systems),B.Tech (ECE)	1/7/2013
7	Jacob V. Panicker	Male	Assistant Professor	ME (Communication Systems),B.Tech (ECE)	1/7/2013
8	Dr. Divya G	Female	Assistant Professor	M.E. (ECE),B.Tech (ECE),Ph.D (Electronics)	20-8-2022
9	Divya R	Female	Assistant Professor	M.Tech (Communication Engineering),B.Tech (ECE)	20-4-2022
10	Nisha M Sasi	Female	Assistant Professor	M.Tech (Applied Electronics),BE (ECE)	25/5/15
11	Swathy Sugathan	Female	Assistant Professor	M.Tech (Embedded Systems),B.Tech (Electronics & Comm. Engg),PG Diploma (Embedded Systems Design)	15-11-1993

MECHANICAL ENGINEERING

<i>Sl. No.</i>	<i>Faculty Name</i>	<i>Gender</i>	<i>Designation</i>	<i>Qualification</i>	<i>DOJ</i>
1	Dr. M D Sreekumar	Male	Vice Principal	Ph.D (ME),M.Tech (CIM),M.Tech (Production Engg),B.Sc Engineering (ME),	08-11-2021
2	Abey Vishnu Narayana	Male	Assistant Professor	M.Tech (Advanced Manufacturing& Mechanical Systems Design),B.Tech (ME)	4-10-2021
3	Vijeesh V V	Male	Assistant Professor	M.tech (Thermal Engineering),B.Tech (ME)	20-10-2021
4	Dileep K Das	Male	Assistant Professor	M. Tech.	01-02-23
5	Divya C R	Female	Assistant Professor	M. Tech.	02-04-23
6	Ampady O	Male	Assistant Professor	M.Tech(Thermal Power Engineering), B. Tech(ME)	5-12-2022
7	Reshma S	Female	Assistant Professor	M. Tech.	09-08-23
8	Vaishnav S	Male	Assistant Professor	M. Tech.	31-07-2023

MECHANICAL AUTOMOBILE ENGINEERING

Sl. No.	Faculty Name	Gender	Designation	Qualification	DOJ
1	Dr. Shaji Mohan B.	Male	Principal	Ph.D (ME),M.Tech (Thermal Engineering), B.Tech (ME)	24-11-2021
2	Dr Sarath Raj	Male	Assistant Professor	M.Tech (Industrial Refrigeration& Cryogenic Engineering),B.Tech (ME), Ph.D (Bubble Dynamics and Thermal Destratification in Aerated Liquid Storage Tanks	20/04/2022
3	Akhil S	Male	Assistant Professor	ME – Manufacturing	26/5/15
4	Akhil R	Male	Assistant Professor	M.Tech (Industrial Engineering &Management), B.Tech (ME)	24-11-21
5	Sreekanth S	Male	Assistant Professor	M.Tech (Thermal Engineering), B.Tech (ME)	13/09/21
6	Akhil Ghosh	Male	Assistant Professor	M.Tech (Computer Integrated Manufacturing), BE (MAE)	04/10/21
7	Joobith Banerji	Male	Assistant Professor	ME – Energy Engineering	03/01/2019
8	Suresh S	Male	Assistant Professor	ME (Manufacturing Engineering), B.Tech (ME)	17/11/21

COMPUTER SCIENCE AND ENGINEERING

<i>Sl. No.</i>	<i>Faculty Name</i>	<i>Gender</i>	<i>Designation</i>	<i>Qualification</i>	<i>DOJ</i>
1	Dr. Jaya Shankar	Female	Associate Professor & HoD	B.Tech, M.Tech, MBA, PhD	09-07-2018
2	Sneha Anna John	Female	Assistant Professor	M.Tech	25.04.2022
3	Lekshmi Pramod	Female	Assistant Professor	M.Tech	23-01-23
4	Lekshmi Rajan	Female	Assistant Professor	M.Tech	30-06-23
5	Indula Subash	Female	Assistant Professor	M.Tech	01-08-23
6	Veena S Nair	Female	Assistant Professor	M.Tech	16-07-23

MASTER OF BUSINESS ADMINISTRATION

Sl. No.	Faculty Name	Gender	Designation	Qualification	DOJ
1	Dr. Keshav Mohan	Male	Director Academic and Chairman	Ph.D (Organic Chemistry), Certificate 1(Disaster Management),M.Sc(Che mistry),B.Sc(Chemistry) PGDHE(Higher Education), PGDDE(Distance Education), MBA(Education Management), Certificate 2 (Environment Science), Certificate 3 (Big Data)	20-06-2016
2	Chippy R.S	Male	Assistant Professor &HoD	B.Tech, MBA, MPhil	02-05-2015
3	Vishnu Vijayan	Male	Assistant Professor	B.Com ,MBA	20-11-2017
4	Annamma Shaji	Female	Assistant Professor	M.COM (Finance), B.COM (Finance & Taxation)	27-09-2022
5	Anju P	Female	Assistant Professor	MBA	15-02-23
6	Ahalya A	Female	Assistant Professor	MBA, M.Com., M.Phil.	06-03-23
7	Shinu Babu	Female	Assistant Professor	MBA	16-07-23
8	Parvathy R Nair	Female	Assistant Professor	MBA	27.08.2023

XVI. INFRASTRUCTURE DETAILS

A. LAND DETAILS

Location	Rural
Total Area in Acres	10.46
Latitude Minute	9
Latitude Second	35
Longitude (East/West)	East
Longitude Minute	47
Longitude Second	47

B. BUILDING DETAILS:

Total built up Area (ready) Sq m	11387
Total Carpet Instructional Area (ready) –Sq m:	7457
Total Carpet Administrative Area(ready) –Sq m:	1030
Total Carpet Amenities Area (ready) –Sq m:	2900
Total Administrative Area	964.55
Total Amenities Area	7201
Total Circulation Area (Average Carpet Area)	323
Total Instructional Area	10261.74
Total Instructional Area common facilities	996.65

C. COMPUTATIONAL FACILITIES

PCs/Laptop exclusively available to students	336	PCs/Laptop in language lab	36
PCs/Laptop available in Library	10	36 Internet Bandwidth in Mbps	50
PCs/Laptop available in Administrative Office	12	Number of Legal Application software	20
PCs/Laptop available to Faculty Members	10	Number of Legal System software	3
Printers available to student	22	Number of A1 Size Color Printers	1

D. LIBRARY FACILITIES

Total area of the Library	: 4504 sq ft
Seating capacity of the Library	: 156
Reprographic facility (Yes / No)	: Yes
Working hours of Library	: 8.30 am to 5.30pm
Library networking facility (yes / No)	: Yes
Annual Library budget(% of annual student fee collected)	: 2.4lakhs (5 %)

E. DETAILS OF LIBRARY FACILITIES

Sl. No	Course(s)	No. of titles of the books	No. of Volumes	Journals	
				National	International
1	Civil Engg.	605	3014	5	1
2	Mechanical Engg.	843	3460	5	1
3	Electronics & Communication Engg.	694	3151	3	3
4	Electrical & Electronics Engg.	605	2646	4	2
5	Mechanical Automobile Engg.	257	904	6	-
6	Computer Science and Engineering(Data Science)	217	742	-	-
7	Computer Science Engineering	121	610	-	-
8	Electronics and Computer Engineering	100	500	-	-
9	Maths, Physics, Chemistry, Humanities,	656	3028	-	-
10	MBA	1162	4771	6	6
11	M.TECH CE	100	416	6	6
12	M.TECH ME	83	465	6	6
13	Diploma	196	1405	12	3
Total		5639	25112	53	28

F. SOLAR PANEL INSTALLATION DETAILS

Total land available(Sq.m):	42330	No. of buildings with roof tops	4
Total approximate roof- top areaavailable for placing solar photovoltaic panel (Sq m):	10000	Annual electricity consumption No. of units during 2021-22	24000
Whether a policy has been adopted to use only LED lamps:	Yes	Average rate per unit paid during 2021-22 (Rs. / unit)	7

XVII. OTHER FACILITIES

Potable Water Supply
CCTV Security
Insurance for Students
All Weather Approach (Motorized Road)
Medical & Counseling
Electrical Grid Power Supply Connection
Rain Water Harvesting
First Aid
Vehicle Parking
General Notice Board and Departmental Notice Board
Digital Payment for all Financial Transactions

Backup Electric Supply
Barrier free Environment
General Insurance
Fire and Safety Certificate
Public Announcement System
Safety Provisions
Transport Facility
Sewage Disposal System
Auditorium

Establishment of Anti Ragging Committee	Available
Establishment of Internal Complaint Committee (ICC)	Available
Establishment of Student Feedback on Institutional Governance/ Faculty performance	Available
Establishment of Grievance Redressal mechanism for Faculty, staff and students	Available
Establishment of Online Grievance Redressal Mechanism	Available
Establishment of Committee for SC/ ST	Available
Establishment of Student Councilors	Available
Establishment of Institution –Industry Cell	Available
Internal Continuous Evaluation System and place	Yes
Establishment of Intellectual Property of Right Cell	Available
Establishment Media Cell	Yes
Implementation of mandatory internship policy	Yes
Safety and Security measures in the Campus	Yes
Online Aadhar linked Biometric attendance for regular faculty members	Yes

XVIII. SPORTS INFRASTRUCTURE IN THE CAMPUS

A. BASKETBALL COURTS- 1

B. FOOTBALL FIELDS - 1

C. VOLLEYBALL COURTS – 1

D. SWIMMING POOL

E. HEALTH CLUB – 1

A well-furnished gymnasium with multi station and free weight equipment are available for the students and staff. The training facility for Powerlifting and Weightlifting is an added feature.

F. BADMINTON COURT - 2,

Indoor Badminton court with interlock flooring.

G. TABLE TENNIS BOARD - 1

H. STADIUM (Multipurpose)

- a. A maintained multipurpose stadium

Facilities available here are Football, Cricket, Handball, Track and Field etc.

I. General

- a. Many State and University level competitions in Football, Basketball, Volleyball, Badminton, Table Tennis, Chess and Handball are organized in the college by using the facilities.
- b. Intercollegiate basketball and volleyball tournaments are conducted by the college every year.
- c. Services of a full time Physical Education Director and Health club trainer are ensured. Regular training is going on throughout the year for the major games like Volleyball, Basketball, Football, Table Tennis, Badminton and Cricket.

XIX. OTHER IMPORTANT FEATURES IN SNIT

1. FACULTY SUPPORT SYSTEMS

SNIT strictly follows an academic calendar stipulated by APJ Abdul Kalam Technological University. SNIT also prepares an Academic Calendar. Both calendars are made available to students and faculty well in advances every Semester, which helps the students, teachers and parents to plan their academic year.

In the beginning of a Semester, department level plan for the next semester is prepared. This plan includes course allocation, teaching-learning schedule, preparation of course plan by individual faculty, schedule of add-on, bridge, remedial and enrichment courses, proposed dates for seminars, fests, training activities and examination schedules.

Each department functions according to the teaching plan and course plan. The faculty members follow a lesson plan which consists of the details regarding the Course outcomes to be achieved, contents to be covered each day, teaching aids to be used and the logistics to be followed in the classroom. All this information is readily made available in the Campus management software, LINWAYS, so that the students are also aware of these.

Each faculty is maintaining course diary and course file. Head of the Department, Academic Coordinator and Principal monitor the progress in teaching periodically. Class committees and Course committees are constituted as per the academic regulations of the University. These committees meet twice every semester and review the academic progress. Feedback by students on faculty and curriculum delivery is collected after completion of each module. In the Departmental meetings, feedback from students is evaluated and remedial measures, if required, are taken. The consolidated feedback is communicated to the individual faculty by the Principal.

2. IQAC

The IQAC functioning in SNIT, provides quality benchmarks/parameters for various academic and administrative activities of the institution. The IQAC contributes in the following ways to improve the teaching-learning

process in the College.

- Procedure is in place to carry out result analysis and evaluate Course outcome and Program outcome attainments.
- Has set standards for various academic processes and monitors academic planning and implementation processes
- Supports the management by providing clarifications on academic issues, guide the faculty to meet timelines in all activities and promotes quality improvement measures.
- Coordinates and executes Internal Academic Audit.
- All relevant documents are made available to KTU external audit
- Plans and executes staff quality improvement programs (Trainings, workshops, mentoring etc.)
- Facilitates automation of various teaching-learning and evaluation processes.
- Advises various committees of the College.
- Execute Internal Examination Benchmarking
- Periodic review of various documentation systems

3. EXPOSURE TO ADVANCED PEDAGOGIES AND SKILL DEVELOPMENT

The institution organizes national and international conferences, workshops and seminars by eminent professionals in their respective areas in which the student community and faculty actively participate to reap their benefits. The faculty members are advised to attend FDPs aimed at increasing their knowledge and skills. Several programs are conducted for students with the same objective. Educational and industrial tours are also conducted by the college.

4. SUPPORT AND GUIDANCE FOR LEARNERS

Mentoring by faculty mentors: For every 15 students there is a faculty mentor who helps the students to get over their difficulties during learning. The students can approach the respective mentor for discussions any time and explain their difficulties. The mentor acts as a true friend, philosopher and guide to the students, and interacts with students as well as parents

Advisors are assigned to each class for their academic and personal guidance. Advisors carefully monitor student activities like regularity of attendance, participation in seminars and performance of students in internal tests and semester examinations. The mentoring report is maintained and monitored by the HOD and Principal.

5. INNOVATIVE TEACHING-LEARNING METHODOLOGIES

Students are encouraged to utilize the library independently which can enhance their skills and knowledge. Apart from this, the College is providing seminar halls where the students can participate in group discussions, debates and seminars. The institution and faculty members support and encourage every student to make use of the internet, computers and latest technologies to upgrade themselves in their respective field of study. The College also supports the faculty to adopt new ways, approaches and method

such as flipped classrooms, student participation in the teaching-learning process etc. The faculties are encouraged to attend national and international conferences. They share the gist of their discussions about the latest information related to technological developments in the world, with students and faculty colleagues. Such activities by faculty are evaluated through the API (Academic Performance Index) submitted by the faculty members to the college management every year.

6. STUDENT SUPPORT SYSTEMS

- a. Mentoring is very effectively provided for the overall development of students. Participation in arts/sports/games and his/her personality and character will also be graded by the mentor. Follow up sessions with parents/faculty/counselors and mentors are regularly arranged with students who have poor performance and attendance to enable them to improve their attendance and performance.
- b. **Efficiency of mentoring/counseling system:** The mentoring/counseling system developed by the college has proved to be effective as defined by different parameters such as
 - i. improved student attendance
 - ii. better involvement of students in academics as well as co-curricular and extra-curricular activities
 - iii. an increase in the number of placements and students pursuing higher studies.

7. MECHANISM/NORMS & PROCEDURE FOR DEMOCRATIC / GOOD GOVERNANCE

Periodic meeting of the faculty and the staff is convened by The Principal/Chairman/MD to discuss academic and other administrative matters. Meetings of the representatives of the students. Student's council is convened to discuss matter related to student's affairs.

8. STUDENT FEEDBACK ON INSTITUTIONAL GOVERNANCE/FACULTY PERFORMANCE

Students' feedback is collected periodically regarding the performance of the faculties of the college. Students' feedback is made available to the faculty for self-improvements.

9. GRIEVANCE REDRESSAL MECHANISM FOR FACULTY, STAFF AND STUDENTS

A Grievance Cell, Anti-Ragging Committee and Anti-ragging squad are functional in the college. A separate committee headed by the staff warden lady faculty members and lady rep looks after the welfare of the girl students.

An undertaking by the parents / wards is taken for each student the time of admission against involvement in ragging activities. Anti-ragging signboards & warning boards are put up different locations in the college. Further a disciplinary committee has been formed with standard rules and regulations to ensure strict discipline with in the campus.

10. EXPOSURE TO ADVANCED PEDAGOGIES AND SKILL DEVELOPMENT

The institution organizes workshops and seminars by eminent professionals in their respective areas in which the student community and faculty actively participate to reap their benefits. The faculty members are advised to attend FDPs aimed at increasing their knowledge and skills. Several programs are conducted for students with the same objective. Educational and industrial tours are also conducted by the college.

The College provides training to both faculty and students in the use of technology and internet resources. Inputs on internet searching strategies, training in MS office, using referencing software etc. are provided to students as bridge programs and special training. The College often organizes national and international conferences on the latest developments in engineering and science. These provide an exposure to students on the latest developments in these areas. The faculty and students have been actively participating in national and international conferences in recent years.

11. PLACEMENT FACILITIES

Placement Cell has been established and this Cell coordinates various activities related to the career planning. More than 260 students have been placed in different organizations during 2018-19. Competent trainers take classes, GD etc. to improve personalities and capabilities of the students. T&P cell would be organizing several programs like personality development, interpersonal communication skill, career planning and career mapping etc, for the benefit of students

12. ADDITIONAL SKILLS ACQUISITION PROGRAMMES (ASAP)

ASAP is a joint initiative of the Higher Education Departments of Govt. of Kerala. ASAP was carved out with a focused approach to enhance employability of students in Higher and General Education streams. The Additional Skill Acquisition Programme has introduced the Advanced Skill Development Centre (ASDC) in Engineering/ Polytechnic colleges. It is about introducing futuristic skill courses for engineering graduates, technical graduates, and working professionals in industry with the objective of improving the employability of students and also with a view to encourage Polytechnic and Engineering Colleges to take up Skill Development Programmes.

13. TBI.

Innovation & Entrepreneurship Development Cell- very vibrant IEDC is functioning in SNIT since 2016. The experience earned through the IEDC helped to start a Technology business incubator with the funding support of Kerala Startup. Thrust areas are Rural technology, Green Technology, Information Technology and Artificial Intelligence Technology.

14. Students Chapter in professional bodies-Students Chapter is functioning in professional bodies like IEEE, IETE.

15. IAS coaching academy

Coaching for selection to various post Indian Administrative Services has been conducting in collaboration with Amrita Vishwa Vidyapeetham Kollam. Economically backward students are provided with scholarship.

16. Transparency in Financial Transaction-All major financial transactions like payment of salary to staff, remittance of all type of fees by students are through digital mode

LAB DETAILS		
No #	Basic Sciences	
1	Lab Name	Faculty in charge
	Engineering Physics Lab	Riya S Mathew
	1. Cathode Ray Oscilloscope 5020 (3 No.); 2. Function Generator 2 MHz FG 2000 (3 No.); 3. Newton' Ring Experimental setup including travelling microscope and Sodium Vapor lamp (1 No.); 4. AC mille Voltmeter (3. Nos.), 5. LED characterization set up (1 No.); 6. Solar Cell Characterization setup including mille voltmeter, millimeter and variable light source (1 No.); 7. Melde' s String apparatus including electrically driven tuning fork and power supply (1 No.); 8. Plane Transmission Gratings measurement setup with Grating stand and white screen (1 No.); 9. Laser diodes with power supply (1 No.) 10. Thermocouple trainer kit (3 Nos.), 11. Thermocouples (3 Nos.); 12. Electric kettle (3 No.); 13. Optical fiber work bench - including laser diodes with Power supply and photo detector (1 No.); 14. Spectrometer (1 No); 15. Ultrasonic wave length measurement setup (1 No); 16. Electronic balance ELB 300 with weighing box (1 No); 17. Meter scales (3 No.); 18. Soldering Machine (1 No); 19. Lux meter (1 No); 20. Lorentz Half Shade Polari meter with Sodium vapor lamp and power supply (1 No); 21. Decade Inductor Box (3 No.),22. screw gauge -(4), 23.solid ball-(4) 24.vernier callipers-(4) 25 cylinder -(4) 26 Simple pendulum, stop clock (4 set) 27.Moment bar and slotted weights(4 set), 28.glass prism, drawing board, pins(4 set) 29. Convex lens, stand for mounting the lens, illuminated cross wire(4 set)	
No. 2	Lab Name	Faculty in charge
	Engineering Chemistry Lab	Anjali J
	1. Weighing Balance (1 No.); 2. Colorimeter (2 Nos.);3. Potentiometer (2 Nos.). 4. Digital pH meter (2 Nos.);5. Hot air oven (1 No.);6. Conductivity cell (2 Nos.); 7. Distillation Unit (1 No.)	
Department of Mechanical Engineering		
No. #	Lab Name	Faculty in charge
1	Thermal Engineering Lab 1	
	I.FOUR STROKE FOUR CYLINDER PETROL ENGINE TEST RIG WITH	

	HYDRAULIC DYNAMO METER (1NO),2.VARIABLE COMPRESSION RATIO PETROL ENGINE TEST RIG WITH EDDY CURRENT DYNAMOMETER(1NO),3.FOUR STROKE SINL WITH MECHANICAL ROPE BREAK LOADING(1NO),4.FOUR STROKE TWIN CYLINDER DIESEL ENGINE TEST RIG WITH A.C GENERATOR(1NO),5.CENTRIFUGRESSOR TEST RIG(1NO),9.CUT SECTION OF FOUR STROKE SINGLE CYLINDER DIESEL ENGINE (VALVE TIMING DIAGRAM)(1NO),10.PENSKY -MARTENZS- FLASH POINT APPARATUS(1NO),11.REDWOOD APPARATUS FOR MEASURING THE VISCOSITY OF OILS(1NO),12.SAYBOLT VISCOMETER APPARATUS FOR MEASURING THE VISCOSITY OF OILS(1NO),13.GAS CALORIMETER- JUNGER'S TYPE(1NO),14.BOMB CALORIMETER (1NO),15.CUT SECTION OF FOUR STROKE SINGLE CYLINDER PETROL ENGINE (1NO).	
2	Thermal Engineering Lab 2	
	1.LAGGED PIPE APPARATUS(1NO),2.COMPOSITE WALL APPARATUS(1NO) 3.NATURAL CONVENTION APPARATUS(1NO),4.FORCED CONVENTION FLOW & COUNTER FLOW HEAT EXCHANGER(1NO),7.REFRIGERATION TRAINER APPARATUS (1NO),8.VAPOUR COMPRESSION AIR -CONDITION TEST RIG(1NO),9.EMISSIVITY APPARATUS (1NO),10.DEAD WEIGHT PRESSURE GAUGE TESTER(1NO),11.THERMOCOUPLE TRAINER APPARATUS(1NO),14.FORCED &FREE VIBRATION APPARATUS(1NO),15.UNIVERSAL GOVERNOR APPARATUS(1NO),16.WHIRLING OF SHAFT APPARATUS(1NO).	
3	Machine Tools Lab 1	Vijeesh V V
	1.LATHE (175/650)(19NOS),2.LATHE(175/100)(1NO),3.SHAPER(BEE JAY)(5NO),4.SHARPER(SAGAR)(1NO),5.HORIZONTAL MILLING MACHINE (4NO),6.VERTICAL MILLING MACHINE (1NO),7.SLOTTING MACHINE (1NO),8.PLANNING MACHINE(1NO),9.RADIAL DRILLING MACHINE(1NO),10.CYLINDRICAL GRINDING MACHINE(1NO),11.SURFACE GRINDING MACHINE(1NO),12.TOOL AND CUTTER MACHINE(1NO),13.POWER HACKSAW (1NO),14.BENCH GRINDINGMACHINE(1NO),15.BENCH DRILLING MACHINE (1NO).	
4	Machine Tools Lab 2	Abey Vishnu Narayana
	1.VERNIER TYPE MEASURING TOOLS (7NOS),2.MICROMETRES (10NOS),3.ANGULAR MEASURING INSTRUMENTS (4NOS),4.OPTO MECHANICAL INSTRUMENTS(AUTO COLLIMETER)(4NO),5.COMPARATOR (1NO),6.GAUGES (8NOS),7.LVDT TRAINER(1NO),8.DYNAMO METER(2NOS),9.PLC TRAINER(2),10.SIX AXIS ROBOTIC PLATFORM(1NO),11.UP RIGHT METALLURGICAL MICRO SCOPE (5NO),12.POLISHING MACHINES(2NO)	
5	Fluid Mechanics Lab	Reshma S
	1.NOTCH APPARATUS(1No),2.VENTURIMETER TEST RIG(1NO),3.ORIFICEMETER TEST RIG(1NO),4.PIPE FRICTION APPARATUS(1NO),5.SMALL ORIFICE SETUP(1NO),6.METACENTRIC HEIGHT APPARATUS(1NO),7.RECIPROCATING PUMP TEST RIG(1No),8.FRANCIS	

	TURBINE TESTRIG(1NO),9.KAPLAN TURBINE TEST RIG(1NO),10.SINGLE SPEED CENTRIFUGAL PUMP(1NO),11.PELTON TURBINE TEST RIG(1NO).	
6	Basic Work Shop	Ampady O
<p>1.FITTING SECTION</p> <p>1.BENCH VICE-6"(12 Nos),2.SURFACE PLATE(3NOS),3.BALLPEIN HAMMER 800GM(2NOS),4.CROSS PEEN HAMMER 500GM(2)NOS),5.CLAW HAMMER 250GM(10NOS),6.SCREW DRIVER-10"(1NO),7.ANGLE PLATE (5NOS),8.FLAT CHISEL -1"(15),9.HACK SAW FRAME -12"(2NOS),10.U- CLAMP(5NOS),11.V-BLOCK(1NOS),12.MICROMETER(3),13.VERNIER CALIPER-200MM(1NO),14.COMBINATION SET(11NOS),.15.STEEL RULE -12"(11NOS),16.TRY SQUARE-6"(9),17.ROUND FILE -8" 2ND CUT(20),18.FLAT FILE -12" SMOOTH(30Nos),19.FLAT FILE -12"BUSTARD(14NOS),20.SQUARE FILE-10"2ND CUT(1NO),21.FEELER GAUGE(1),22.RADIUS GAUGE(2box),23.NUMBER PUNCH(2box),24.LETTER PUNCH(10NOS),25.FLAT FILE -10"2nd CUT(1NO),26.FLAT FILE-6"BUSTARD (5NOS),27.FLAT FILE 6" SMOOTH (1 NO),28.ROUND FILE 12"BUSTARD(5NOS),29.UNIVERSAL SURFACE GAUGE(5NOS),30.SQUARE FILE-8" SECOND CUT(9NOS),31.TRIANGULAR FILE 8"2ND CUT(1 SET),32.NEEDLE FILE(4NOS),.33.CUTTING PLIER-8"(9),34.DEVIDER-6"(3NOS),35.OUTSIDE CALIPER-6"(9NOS),36.INSIDE CALIPER-6"-(9NOS),37.JENNY CALIPER-6"(5NOS),38.SPANNER(5NOS),39.PRICK PUNCH(1NO),40.DRILLING MACHINE 6"(1NO),41.DRILL BIT 1.5 TO 6.5MM (1BOX),42.DRILLBIT (1 to13)(5NOS),43.GOGLE(1NO),44.OIL CAN(1NO),45.SCRIBER7"(3NOS),46.SCRIBER 4"(1NO),47.VERNIER HEIGHT GAUGE 12"(1NO),48.HAND FILE 8" BUSTARD 8"(1NO),49.STEEL TAPE 5M(1NO),50.FLAT FILE 12"SECOND CUT(1NO),51.MACHINE METAL CUTTER (1NO),52.KNIFE(4NO),53.TAP&DIE SET(5NO),54.WIRE BRUSH(5NO,55.SCRW DRIVER 12"(2NOS),56.BALL PEEN HAMMER (600GM)(2NOS),57.FLAT FILE 8"SMOOTH (10NO),HACK SAW FRAME PIPE TYPE (10NOS),59.SCREW DRIVER SET (1NO),60.ALEN KEY SET(1NO),61.D.E.SPANNER SET(1NO),62.ADJUSTABLE SPANNER SET(1NO),63.SOCKET SPANNER 13MM (1NO),64.FOUR STROKE SINGLE CYLINDER PETROL ENGINE (1NO),65.SOCKET SPANNER 8MM(1NO),66.SOCKET SPANNER 9MM(1NO),67SOCKET SPANNER 10MM(1NO),68.D.E.SPANNER 18-19(1NO),69.D.E.SPANNER13-14(1NO),70..D.E.SPANNER10-11(1NO),71.D.E.SPANNER8-9(1NO),</p> <p>2.CARPENTRY SECTION</p> <p>-----</p> <p>1.STEEL RULE 12"(10NOS),2.TRY SQUARE 6"(9NOS),3.BEVEL SQUARE (19NOS),4.MARKING GAUGE WOODEN (19NOS),5.PINCER(1NO),6.TENON SAW(24),7.HAND SAW (15NOS),8.METAL JACK PLANE (19NOS),9.CLAW HAMMER (6NOS),10.G CLAMP 9"(9NOS),11.WOODEN MALLET (9NOS),12.WOODEN MALLET WOODEN MALLET(15NO)13.AUGER 5" (5NOS),14.COMBINATION STONE 8"(2NOS),15COMBINATION STONE (5NOS),16.RATCHET BRACE (19 NOS),17.SPANNER SET(12 NOS)-1SET,18.OIL</p>		

CAN (1NO),19.FIRMER CHISEL 1.5"(19NOS),20FIRMER CHISEL 1.25"(10NOS),21.FIRMER CHISEL 1"(4NOS),22.FIRMER CHISEL 1/4"(12NOS),23.MORTISE CHISEL 3/4"(9NOS),24.MORTISE CHISEL 1/2"(14NOS),25.CHISEL (PINPOINT)(14NOS),26.GAUGE CHISEL (5NOS)27.PLANNER 1"(LOCAL MADE (14NOS),28.WHEEL BRACE(2NOS),29.FOUR FOLD RULE (2NOS),30.SAW SET PLIER(3NOS),31.WOOD RASP FILE 12"(5NOS),32.NEEDLE FILE (2SET),33.SCRIBER (KNIFE 7")(12 NOS),34.CARPENTRY VICE 7"(20NOS),35.SCREWDRIVER 12"(8NOS),GRINDING MACHINE WITH WHEEL(1NO)

3.PLUMBING SECTION

1.DIE SET(5NOS),2.DIE(1/2",3/4",1")(15NOS),SCREWDRIVER 10"(17NOS),4.SPIRIT LEVEL 10"(12NOS),5.PIPE CUTTER(1NO),6.OIL CAN(2NOS),7.STEEL RULE 12"(8NOS),8.SCREWDRIVER 12"(3NOS),9.CHISEL 1"(4NOS),10.TRY SQUARE 6"(8NOS),11.CHISEL 1/4"(10NOS),12.SPANNER SET(7-12)(1SET),13.WATER PUMP PLIER(1NO),14.PIPE WRENCH (12NOS),15.WIRE BRUSH (8NOS),16.HACKSAW FRAME 12"(16NOS),17.CHAIN WRENCH (2NOS),18.PIPE VICE (6NOS),19.BENCH VICE 6"(6NOS)
4.SHEET METAL SECTION

1.STEEL RULE 36"(2NOS),CROSS PEEN HAMMER 50GM (12NOS),3.TRAMMEL (1NO),4.WIRE GAUGE (1NO),5.NO.PUNCH (1BOX),6.LETTER PUNCH (1BOX),7.CUTTING PLIER(13NOS),8.HAND VICE (2NOS),9.CUTTING KNIFE (6NOS),10.TRY SQUARE 6"(7NOS),11.CENTER PUNCH (5NOS),12.STRAIGHT SNIP(LOCAL)(11 NOS),13..STRAIGHT SNIP 14"(1NO),HOLLOW PUNCH(4NOS),15.GROOVER(5NOS),16.L-SQUARE(1NO),17.CROSS CUT CHISSEL(6NOS),18.FLAT CHISEL(6NOS),18.FLAT CHISEL (2 NOS),19.STEEL RULE 12"(6NOS),20.PVC NYLON HAMMER (2NOS),21.BALL PEEN HAMMER 10GM (2NOS),22.FLAT FILE 12"(10NOS),23..SCRIBER"(12NO),24.S.SCRIBER 4"(4NOS),25.WIRE CUTTER (15NOS),26.HACKS SAW FRAME 12"(18NOS),27.WOODEN Mallet (ROUND)(10 NOS),28.SCREW DRIVER WITH PVC HANDLE (10NOS),29.HALF ROUND FILE (SMOOTH)12"(11NOS),30.CLAW HAMMER WITH HANDLE (100GM)(4NOS),31.SCISSORS 4"(29NOS),33.STRAIGHT SNIPERS 9"(11NOS),34.SOLDERING IRON (14NOS),35.HALF ROUND FILE (SMOOTH)(5NOS),36.INSIDE CALIPER (20NIS),37.DEVIDER (1NO),38.CHISSEL(4NOS),39.CROSS PEEN HAMMER 500GM(3NOS),40.HAND LEVER SHEAR (1NO),41.LEG VICE (1NO),
5.SMITHY SECTION

1.POKER(4NOS),2.CLAW HAMMER(500GM)(18NOS),3.WIRE BRUSH (3NOS),4.BALL PEEN HAMMER WITH HANDLE (250GM)(11NOS),5.HOLLOW TONGS(9NOS),6.CROSS PEEN HAMMER WITH WOODEN HANDLE (250GM)(19NOS),7.HACKSAW FRAME(12")(9NOS),8.FLATTER(5NOS),9.PULLER(3NOS),10.SWAGES(2NO),11.C HISSEL(4NOS),12.FLAT TONGS (12NOS),13.ROUND HOLLOW

TONGS(2NOS),14.SLEDGE HAMMER WITH OUT HANDLE (19NOS),15.SLEDGE HAMMER 2LBS(40NOS),16.CHISSEL 1"(14NOS),17.OUTSIDE CALLIPERS (27NOS),18.DEVIDER(19NOS).19.ODD LEG CALLIPERS (10NOS),29.ANVIL50KG (8NOS),21.SWAGE BLOCK(1NO),22.HAND BLOWER (,2NOS),23.RUST CLEANER (9NOS).24.APRON (2NOS),25.LEATHER GLOVES (HEAVY)(5PAIR),26.ELECTRIC BLOWER (2NOS).

6.FOUNRY SECTION

1.ROUND PATTERN WITH CORE (14NOS),2.ROUND PATTERN (14NOS),3.OVAL FLANGE WITH SIDE CORE (14NOS),4.OVEL FLAT WITH OUT CORE (14NOS),5.SQUARE RAMMER (WOODEN)(11NOS),6.BELLOWS (5NOS),7.STRIKE OFBAR 1"(14NOS),8.STRIKE OFBAR 2"(14NOS),9.RUNNER &RISER (RED)(39NOS),10.GATE CUTTER (2NOS),11.LIFTER (18NOS),12.DRAW SPIKE (SMALL)(11NOS),13.VENT RODE (SMALL)(10NOS),14.WEDGE RAMMER (METAL)(19NOS),15.TROWEL SQUARE (8NOS),16.TROWEL SMALL (12NOS),17.TROWELBIG(10NOS),18.ROUND RAMMER (19NOS),19.DRAWS SPIKE BIG(19NOS),20.STRIKE OF BAR HEAVY (19NOS),21.SHOWEL HEAVY (5NO),22.SHOWEL SMALL (5NOS),23.MOULDING BOX WOODEN (15PAIR).

7.WELDING SECTION

1.WELDING MACHINE (1NO),2.WELDING HAND SHIELD (2NOS),3.WELDINGSHIELD HELMET (2NOS)4.WELDING CABLE (8M),5.WELDINGCABLE CONNECTOR (4NOS),6.EARTH CLAMP (2NOS),7.WIRE BRUSH (2NOS),8.SAFETY HELMET (4NOS),9.WELDING GOOGLES (4NOS),10.LEATHER GLOVES (4NOS),11.APRON (2NOS),12.WELDING ELECTRODE HOLDER(1NO).

7. CAD Lab

COMPUTER SYSTEMS

Ampady O

1.ACER DESKTOP COMPUTER(20 NOS),.2.pneumatic trainer(1No)
2.pneumatic trainer

Department of Electronics & Communication Engineering

No. #

NAME OF LAB

Room No.

Faculty in charge

1

Digital Integrated Circuits Lab

Lekshmi Raj R

INTEGRATED CIRCUIT TRAINER KIT(20 Nos) , DIGITAL IC TESTER(2Nos), CATHODE RAY OSCILLOSCOPE(10Nos) , .DC DUAL VARIABLE POWER SUPPLY(10Nos) , .DIGITAL MULTIMETER(10Nos), SERVO STABILIZER(1No.) , SOLDERING STATION(2Nos)

2

MICROCONTROLLER LAB

Lekshmi Raj R

MICROCONTROLLER TRAINER KIT(30Nos), PIC MICROCONTROLLER TRAINER KIT(5Nos), PIC MICROCONTROLLER DEVELOPMENT BOARD(5Nos) , ADC-0809 INTERFACING MODULE(10Nos.) , DAC-0800 INTERFACING MODULE(10Nos) , STEPPER MOTOR CONTROLLER CARD WITH MOTOR(10Nos) , 5X4 KEY'S MATRIX KEYBOARD INTERFACING MODULE(10Nos) , 16X1 LCD DISPLAY MODULE(10Nos) , 16X2 LCD DISPLAY MODULE(10Nos) , TRAFFIC LIGHT CONTROLLER

	MODULE(10Nos.) , TEMPERATURE MEASUREMENT MODULE(10nos) , DC MOTOR CONTROLLER CARD WITH MOTOR(10 Nos.)	
3	ANALOG INTEGRATED CIRCUIT LAB	ASHLY P
	DIGITAL STORAGE OSCILLOSCOPE(DSO)(10nos),CRO (10No),FUNCTION GENERATOR(20 No),DC DUAL POWER SUPPLY(0-30V)(10 No),DC POWER SUPPLY(0-30V) MULTI O/P(10 No),DC POWER SUPPLY(+/-15V,2A)(10 No) ,FIXED POWER SUPPLY(+/-15V)(10 No),DIGITAL MULTIMETER(10 No),ANALOG MULTIMETER(02 No),MOVING COIL DC AMMETER(50 No),MOVING COIL DC VOLTMETER(20 No),RHEOSTAT(20 No),LCR DIGITAL METER(04 No),LINEAR IC TESTER(04 No),DECADE INDUCTANCE BOX(20 No),DECADE CAPACITANCE BOX(10 No),DECADE RESISTANCE BOX(10 No.),SOLDERING STATION(01 No.) SERVO STABILIZER(01No.). Amplifier (2Nos)	
4	DIGITAL SIGNAL PROCESSING LAB	Jacob V. Panicker
	DSP KIT(10Nos),DIGITAL STORAGE OSCILLOSCOPE(05 Nos.),EXTERNAL CD DRIVE(01 No.) ,PERSONAL COMPUTER(18 Nos.)	
5	ELECTRONICS DEVICE LAB	Lekshmi Chandra
	DSO-(10 NOS),CRO(10 NOS.),FUNCTION GENERATOR(10 NOS.),DC DUAL FIXED POWER SUPPLY(20 NOS.),DIGITAL MULTIMETER(15 NOS.),MOVING COIL DCAMMETER(103NOS.), MOVING COIL DC VOLTMETER(60 NOS.),RHEOSTAT(22 NOS.),DC DUAL VARIABLE POWER SUPPLY(10 NOS.) ,DECADE INDUCTANCE BOX(20 NOS.),DECADE CAPACITANCE BOX(20 NOS.), DECADE RESISTANCE BOX(10NOS.),LCRQ DIGITAL METER(2NOS.),SERVO STABILIZER(1 NO.)	
6	COMMUNICATION ENGINEERING LAB	Nisha M Sasi
	DSO(10 NOS.),CRO(10 NOS.),FUNCTION GENERATOR(30 NOS.) ,DIGITAL IC TRAINER KIT(10 NOS.),DC DUAL VARIABLE POWER SUPPLY(30 NOS.),DIGITAL MULTIMETER(10 NOS.),IC TESTER& IC TRAINER KIT(13 NOS.),LCR MTR,AC MTR,ANALOG MULTIMETER(6 NOS.),RHEOSTAT(20 NOS.),DECADE INDUCTANCE BOX(20 NOS.),DECADE CAPACITANCE BOX(10 NOS.),DECADE RESISTANCE BOX(10 NOS.),MOVING COIL DC AMMETER(50 NOS.), MOVING COIL DC VOLTMETER (20 NOS.), SERVO STABILIZER(1 NO.)	
7	MICROWAVE & OPTICAL COMMUNICATION LAB	Nisha M Sasi
	MICROWAVE TEST BENCH NV9000(45 NOS.),MICROWAVE TEST BENCH NV9001(60NOS.) MICROWAVE TEST BENCH NV9002(104 NOS.),SOLID DIELECTRIC CELL(3 NOS.),MULTI HOLE DIRECTIONAL COUPLER(3 NOS.),E-PLANE BEND(3 NOS.),H-PLANE BEND(3NOS.),E-PLANE TEE(3 NOS.),H-PLANE TEE(3 NOS.),MAGIC TEE(3 NOS.),POWER METER(2NOS.),LED LIGHT SOURCE(2 NOS.),OPTICAL TIME DOMAIN REFLECTOMETER(1NO.),CRO(5NO.),	

	ELEMENTARY FIBER OPTIC KIT(4 NO.),FIBER OPTIC CONNECTORISATION KIT(2NO.),LASER BASED FIBER OPTIC TRAINER(3NOS.),FIBER OPTIC TRAINER KIT(2NOS.),OPTICAL POWER METER(3NOS.),ADVANCED PHOTODIODE(1NO.),OPTICAL FIBER CABLE(1NO.)		
8	MINIPROJECT LAB		Swathy Sugathan
	DSO(7NOS.),CRO(5NOS.),FUNCTION GENERATOR(10NOS.),DUAL VARIABLE POWER SUPPLY(10NOS.),DUAL FIXED POWER SUPPLY(10NOS),MULTI METER(10NOS.),L.C.R METER(1NO.),MOVING COIL DC AMMETER(10NOS.),DECADE INDUCTANCE BOX(10NOS.), DECADE CAPACITANCE BOX(5NOS.),DIGITAL IC TRAINER KIT(5NOS.), IC TESTER & PROGRAMMER(2NOS. EACH),SOLDERING & DESOLDERING STATION(10NOS.),PCB PROTOTYPE MACHINE(1 NO.),PCB ART WORK TABLE(5NOS.),PCB SHEARING MACHINE(5NOS.) ,PCB DRILLING MACHINE(5NOS.),PCB DESIGNER KIT(5NOS.),SERVO STABILIZER(1NO.)		
Department of Electrical & Electronics Engineering			
SL No	Name of Lab	Room No.	Faculty in charge
1	CIRCUITS & MEASUREMENTS LAB		ASWATHY MARIAM MOHAN
	PORTABLE KELVINS DOUBLE BRIDGE(1No), SLIDEWIRE POTENTIOMETER(1No), VERNIER POTENTIOMETE(1No), LVDT TRAINER KIT(1No), WHEASTONES BRIDGE(1No), LOAD MEASUREMENT TRAINER MODULE(1No),THERMOCOUPLE TRAINER KIT(1No),RTD TRAINER KIT(1No),THERMISTOR TRAINER KIT(1No),PHASE SHIFTING TRANSFORMER(1No), CRO(3Nos),SIGNAL GENERATOR(3Nos),DC SINGLE VARIABLE POWER SUPPLY(3Nos),DC DUAL VARIABLE POWER SUPPLY(3Nos),VOLT RATIO BOX(1No),THREE PHASE AUTO TRANSFORMER(1No),SINGLE PHASE AUTOTRANSFORMER(2Nos),IRON RING SPECIMEN(1No),RESISTIVE LOAD(1No),RHEOSTAT(5Nos),AC VOLTMETER(8Nos),AC AMMETER(7Nos),DC VOLTMETER(7Nos),WATTMETER(9Nos),SINGLE PHASE ENERGYMETER(2Nos),THREE PHASE ENERGY METER(1No),ANALOGSTOP WATCH(3Nos), GALVANOMETER(3Nos),DIGITAL MULTIMETER(3Nos)		
2	POWER SYSTEMS LAB		ASWATHY MARIAMMOHAN
	SPHERE GAP APPARATUS(1No),LIGHTNING IMPULSE GENERATOR(1No),STRING DISC INSULATOR(1No),HV CAPACITANCE DIVIDER(1No),HV INSULATION TESTER(1No),OIL TEST KIT(1No),HV CABLE TESTER(1No),UNIVERSAL RELAY SOURCE(1No),EM OVER CURRENT RELAY UNIT(1No),EM UNDER VOLTAGE RELAY UNIT(1No),EM OVER VOLTAGE RELAY UNIT(1No),STATIC OVER CURRENT RELAY UNIT(1No),STATIC UNDER VOLTAGE RELAY UNIT(1No),STATIC OVER VOLTAGE RELAY UNIT(1No),EARTH TESTER(1No),POWER FACTOR IMPROVEMENT UNIT(1No),PT TEST KIT(1No),CT TEST KIT(1No),TRANSMISSION LINE SIMULATION UNIT(1No),ENERGYMETER TEST KIT(1No),TRANSIENT STABILITY STUDY KIT(1No),COMPUTER(10Nos)		

3	SYSTEMS AND CONTROL LAB		ATHIRA P NAIR
	PID CONTROL SYSTEM(1No),SYNCHRO TRANSMITTER &RECEIVER(1No),PLC TRAINER KIT(1No),AC SERVOMOTOR STUDY KIT(1No),DC SERVOMOTOR STUDY KIT(1No),LEVEL CONTROL USING PID(1No),FLOW CONTROL USING PID(1No),TEMPERATURE CONTROL USING PID(1No),CRO(5Nos),SIGNAL GENERATOR(3Nos),DIGITAL MULTIMETER(5Nos),MICROPROCESSOR KIT(12Nos),COMPUTER(5Nos)		
4	POWER ELECTRONICS LAB		DIVYA G
	IGBT TRAINER KIT(1No),MOSFET TRAINER KIT(1No),SCR TRIGGERING CIRCUIT TRAINER KIT(2Nos),STEP UP CHOPPER TRAINER KIT(1No),STEP DOWN CHOPPER TRAINER KIT(1No), RHEOSTAT(11Nos),SPEED CONTROL OF AC MOTOR USING TRIAC-KIT(1No),AC VOLTAGE CONTROL BY TRIAC-KIT(1No),SINGLE PHASE CONTROLLED RECTIFIER-KIT(1No),BUCK BOOST CONVERTER-KIT(1No),DIGITAL STORAGE OSCILLOSCOPE(2Nos),CATHODE RAY OSCILLOSCOPE(5Nos),TRANSFORMER(10Nos),DIGITAL MULTIMETER(1No),SIGNAL GENERATOR(1No),DC DUAL VARIABLE POWER SUPPLY(1No),DC AMMETER(5 No), DC VOLTMETER(9 No),AC VOLTMETER(1 No)		
5	ELECTRICAL ENGINEERING WORKSHOP		DIVYA G.
	COMBINATION PLIER(20 No),NOSE PLIER(14 No),SCREW DRIVER(43 No), WIRE STRIPPER(22 No),LINE TESTER(19 No),POCKER(21 No),HAMMER(21 No), SOLDERING IRON(28 No),BENCHWISE(1 No),ENERGYMETER(2 No),DIGITAL MULTI METER(4 No),ANALOG MULTIMETER(1 No),DOUBLE POLE ISOLATOR(4 No),EIGHT WAY DB(4 No),ELCB(4 No),MCB(24 No),SWITCH,SOCKET &DIMMER(125 No),HOLDER(55 No)		
6	ELECTRICAL MACHINES LAB -I		SARATH KUMAR S
	DC SERIES MOTOR(1 No),DC SHUNT MOTOR-SHUNT GENERATOR(3 No),DC COMPOUND MOTOR-COMPOUND GENERATOR(1 No),4 POINT DC MOTOR STARTER(1 No),3 POINT DC MOTOR STARTER(1 No),3 PHASE TRANSFORMER(2 No),SINGLE PHASE TRANSFORMER(4 No),SINGLE PHASE AUTO TRANSFORMER(6 No),THREE PHASE AUTO TRANSFORMER(2 No), VARIABLE LAMP LOAD(3 No),VARIABLE RESISTIVE LOAD(1 No),RHEOSTAT(21 No),DC VOLTMETER(22 No),DC AMMETER(27 No),AC VOLTMETER(19 No),AC AMMETER(19 No), WATTMETER(27 No),DIGITAL MULTIMETER(4 No),DIGITAL STOP WATCH(1 No),DIGITAL TACHOMETER(1 No)		
7	ELECTRICAL MACHINES LAB -II		SARATH KUMAR S.
	SLIP RING INDUCTION MOTOR(1 No),SQUIRREL CAGE INDUCTION MOTOR(1 No) DC SHUNT MOTOR-3 PHASE ALTERNATOR(3 No),POLE CHANGING		

INDUCTION MOTOR(1 No),SINGLE PHASE INDUCTION MOTOR(1 No),INDUCTION GENERATOR(1 No),SYNCHRONOUS MOTOR(1 No),SINGLE PHASE AUTO TRANSFORMER(6 No),THREE PHASE AUTO TRANSFORMER(2 No),VARIABLE RESISTIVE LOAD(1 No),WATTMETER(27 No),DIGITAL TACHOMETER(1 No),RHEOSTAT(21 No),DC AMMETER(27 No),AC VOLTMETER(19 No),AC VOLTMETER(19 No),AC AMMETER(19 No)

DEPARTMENT OF CIVIL ENGINEERING

Sl. No.	LAB NAME	ROOM NO.	FACULTY IN CHARGE
1.	Structural Engineering Lab & Dynamic Response Lab		LEKSHMI PRIYA R.
	1. Loading Frame (1Nos); 2. 100-ton steel fabricated frame structure and 100-ton and 20-ton load cell (1Nos Each); 3. LVDT with holder, spacer, supports (2no.s) 4. Slab(1no), beam (3no.s) and T-beam(1no.) mold 5. Strain gauges 6. 10 Manual cranes (1 Nos) 7. Ultrasonic pulse velocity apparatus (1no.s) 8. Accelerated curing tank for 24 mold with cooling and heating (1no.s) 9. Concrete mixer 1 cft. capacity (1no.s) 10. Needle vibrator with flexible shaft (1no.s)11. Beam mould(100x100x500mm)-4no.s, cylindrical mold(150x300mm)-4 no.s 12. Horizontal shake table with eccentric cam (harmonic base motion)- 1no.s 13. Experimental models-12 no.s 14. Shake table instrumentation with laptop -1no.s		
2.	Geotechnical Engineering Lab		GOPIKA A. S.
	1. Unconfined compression test machine,2.Consolidation apparatus, 3. Direct shear testing apparatus, 4. Casagrande apparatus, 5. Vane shear apparatus, 6. Hydrometer analysis apparatus,7. High speed stirrer(2nos), 8. Permeability testing apparatus, 9. Triaxial test apparatus, 10. Compaction mould (2 nos) and rammer (2nos), 11. California Bearing Ratio test apparatus, 12. Set of sieves (9 nos.), 13. Measuring Jar – 1000ml (2nos), 14. Stop watch (2nos), 15. Core cutter with dolly, 15. Sand replacement apparatus , 16. Pycnometer		
3.	Material Testing Lab II (Concrete Technology Lab)		CHAITHRA S.
	1. Compression Testing Machine; 2. Vicat Needle Apparatus 3. Pycnometer-1 4. Tile flexure strength testing. 5. Set of Sieves(10nos.)6. Sieve Shaker apparatus7. Stop watch 8. Compaction testing apparatus 9. Vee bee Consistometer 10. Sieve Shaker 11.		

	Flexure testing machine 12. Cast iron cube moulds-12,13. Cast iron cube moulds-10, 14.Cylindrical mould-6,15. Beam mold- 2No.s, 16. Density Basket-1,17.vibrating machine fitted with time switch, 18. Bulk Density 10 litre-1, 20 liter- 1, 19. Le- Chatlier flask-1, 20. Mold- 12no.s, 21. Stop clock -2 No., 22.Vibrating Table with cover - 1, 23.Flow table for cement concrete-1, 24.NDT James Manual Test-1.		
4.	Transportation Engineering Lab		PREENA PRAVEEN
	1 Los Angles. Abrasion Testing Machine (steel balls-12, tray -1) 2. Aggregate impact testing with blow counter 3. Ductility testing machine 4. Thickness gauge-1, 5. Length Guage-1,6. Extra ductility mould-1,7. Ring and ball apparatus,8. Flash& fire point apparatus,9. Standard penetrometer,10. Pycnometer-1,11. Lab thermometer-4, 12. Sieve Set (10)13. Aggregate crushing value test apparatus-1		
5.	Computer-Aided Drafting Lab & Civil Engineering Software Lab		GOPIKA A.S.
	1. Desktop (36 No), 2. Projector with the screen (1 No.), 3. Window 7 Operating system (36 Nos.), 4. Autodesk REVIT(2017) (36 Nos.), 5. Autodesk CAD (2017) (36 Nos.)		
6.	Survey Lab		GEETHU M.S.
	Wooden pegs(20), Ranging rod 2m & 3m (20 No. each), Offset rod 2m & 3 m (1 each), Measuring chain 20m (1 No.),Measuring chain 30m(12 No.), Fiber glass tape 20m (12 No.), Fiber glass tape 30m(6 No.), Cross staff (10 No.), Prismatic compass(12 No.), Surveyors compass (5 No.), Plane table set (12 No.), Levels with tripod and leveling staff(14 No.), Theodolite with tripod(5 no.), Total station with accessories(5 No.), Telescopic alidade(1 No.), Minor instruments (20 No.)		
7.	Environmental Engineering Lab		RESHMY M. RAJU
	1.pH METER (1 No.), 2. Conductivity meter (1 No.), 3. Turbid meter (1 No.), 4. Hot air oven (1 No.), 5. Muffle furnace (1 No.), 6. Desiccator Big (2 No.), 7. Desiccator Small (4 No.), 8. Analytical balance (1 No.), 9. Spectrophotometer (1 No.), 10. BOD incubator (1 No.), 11. Flame photometer (1 No.), 12. Heating Mantle (1 No.), 13. Autoclave (1 No.), 14. Centrifuge (1 No.), 15. Dry Block Digester (1 No.), 16. Jar Apparatus (1 No.)		

8.	Material Testing Lab I (Strength of Materials Lab)		RESHMA C.
	UTM machine (1 No.), Torsion testing machine (1 No.), Pendulum impact testing machine (1 No.), Rockwell Hardness testing machine (1 No.), Brinell Hardness testing machine (1 No.), Spring testing machine (1 No.), Dial gauge (1 No.), Magneticstand (3 No.), Torsion pendulum, Maxwell reciprocal theorem testing apparatus (1 No.), pro weight (1 set)		

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING			
Sl. No.	LAB NAME	ROOM NO.	FACULTY IN CHARGE
1.	DATA STRUCTURES LAB		Dr. JAYA SHANKAR
	Operating System to Use in Lab: Linux/ Windows Compiler/Software to Use in Lab: gcc Programming Language to Use in Lab : Ansi C		
2.	OBJECT ORIENTED PROGRAMMING LAB (IN JAVA)		VEENA S NAIR
	Operating System to Use in Lab: Linux / Windows Compiler/Software to Use in Lab: gcc, javac, jdk, jre, Eclipse, NetBeans, MySQL / PostgreSQL. Programming Language to Use in Lab : Java		

DEPARTMENT OF MECHANICAL AUTOMOBILE ENGINEERING

Sl. No.	LAB NAME	ROOM NO.	FACULTY IN CHARGE
1.	Vehicle Systems Lab, Autotronics & Vehicle Testing Lab		Akhil Ghosh S.
	Demonstration Model Of Car (1nos.) Demonstration Model Of Ashok Leyland (1nos.) Hydraulic Power Steering System (1nos.) Wheel Alignment Machine (1nos.) Wheel Balancing Machine (1nos.) Engine Valve Reconditioning Machine (1nos.) Brake Drum Reconditioning Machine (1nos.) Cylinder- Reconditioning Machine (1nos.) Fuel Injection Pump Calibration Machine (1nos.) Testing And Checking Of Spark Plug (2nos.) Demonstration Board Of MPFI System (1nos.) Demonstration Model Of Hydraulic Brake System (1nos.) Demonstration Model Of Air Brake System (1nos.) Smoke Meter (1nos.) Multi Gas Analyzer (1nos.) Lathe(1nos.) Welding Machine (1nos.) Vertical Drilling Machine (1nos.) Grinding Machine (1nos.) Power Hacksaw (1nos.) Demonstration Model Of Auto Electrical System (1nos.) Demonstration Model Of Battery Ignition System (1nos.) Battery Charger (1nos.) Line Boring Machine (1nos.)		
2.	CAD Lab		Joobith Banarji
	Computers		

XX. PLACEMENT DETAILS

Program	Discipline/ Subject	Placeme nt Facilities	Campus Placement in last 3 years								
			2022			2021			2020		
			Min salar y LPA	Max salar y LPA	Ave Salar y LPA	Min salar y LPA	Max salar y LPA	Ave Salar y LPA	Min salar y LPA	Max salar y LPA	Ave Salar y LPA
MBA	Managem ent	YES	2.16	3.6	2.5	3	3.5	3.25	2	3.5	2.75
M.Tech	Structural Engineerin & Constructio n Managem ent	YES	0	0	0	2.5	3.5	3	2.5	3.5	3
M.Tech	Machine Design	YES	0	0	0	2.25	4	3.125	2.25	2.85	2.55
B.Tech	CE	YES	1.56	2.16	1.86	2.5	3.5	3	2.5	3.25	2.875
B.Tech	ME	YES	2.4	3	2.8	2.5	2.85	2.675	2.5	4	3.25
B.Tech	ECE	YES	1.8	4.25	2.65	2.25	2.85	2.55	2.25	2.85	2.55
B.Tech	EEE	YES	1.2	3.6	2.4	3	3.25	3.125	2.25	3	2.625
B.Tech	Mechanical Automobil e	YES	1.44	2.4	1.87	2.25	3.25	2.75	2.25	3	2.625

**MOUS SIGNED BY SREE NARAYANA INSTITUTE OF TECHNOLOGY AND
OTHER ORGANIZATIONS**

SL. NO.	Dept.	DATE. OF MOU	NAME OF ORGANISATION	BRIEF DETAILS OF PURPOSE OF MOU	DURATION	FACULTY COORDINATOR
1	CE	13/02/2023	Habilete Learning Solutions Pvt.ltd,Kollam	Career Guidance	5 years	Reshmy M Raju
2	CE	13/02/2023	Arcite Educational Solutions Pvt.ltd,Kollam	Career Guidance	2 years	Reshmy M Raju
3	CE	31/5/2022	Indian Institute of Infrastructure and Construction (IIC), Chavara	Arrange internships and placements support for students enrolled, Faculty immersion programmes, skill development programmes for students.	3 years	Reshmy M Raju
4	CE	16/4/2021	Protrainy Skilled Learning Private Limited	To improve the industry employability of the students of the Institution and enhance the skillsets. To provide exposure to students of the Institution in different practical aspects of Civil Engineering.	No limit	Reshmy M Raju
5	CE	27/9/2019	Makeintern.com of Mohipuri	Internships, interviews and selection, workshop	No limit	Reshmy M Raju

			Technologies Pvt. Ltd.		
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<i>Department of Electronics and Communications Engineering(ECE)</i>						
S#	Dept	DATE. OF MOU	NAME OF ORGANISATION	BRIEF DETAILS OF PURPOSE OF MOU	DURATION	FACULTY COORDINATOR
1	ECE	30/10/2023	Facein Technologies Pvt.ltd	1) To Provide Internship for Students Joint Teaching Activities		Lekshmi Raj R
2	ECE	18/03/2023	Rever Tech IT Solution, Ernakulam	To Provide Internship for Students Joint Teaching Activities	5 YEARS	Lekshmi Raj R
3	ECE	18/11/2019	Networkz Technology Training Company, Kollam	1) To Provide Internship for Students 1) Joint Teaching Activities 2) Joint Research Activities 3) Campus Recruitment 5) To Provide Certificate Programs	5 YEARS	Lekshmi Raj R.
4	ECE	04/11/2019	ICRAF Innovations Pvt. Ltd., Trivandrum	1) To Provide Internship for Students 2) Joint Teaching Activities 3) Joint Research Activities 4) Campus Recruitment 5) To Conduct Technical Workshops	5 YEARS	Lekshmi Raj R.
5	ECE	14/10/2019	Macroflex Industries, Pathanamthitta	1) Provide Internship Training for Students 2) Joint Teaching Activities 3) Joint Research Activities 4) Campus Recruitment 5) Project Works	5 YEARS	Lekshmi Raj R.
6	ECE	02/09/2019	Sciencetech Technologies Pvt. Ltd., Kochi	1) Provide Internship Training for Students 2) Joint Teaching Activities 3) Joint Research Activities	5 YEARS	Lekshmi Raj R.

4) Campus Recruitment						
Department of Mechanical Engineering (ME)						
S#	Dept	DATE. OF MOU	NAME OF ORGANISATION	BRIEF DETAILS OF PURPOSE OF MOU	DURATION	FACULTY COORDINATOR
1	ME	26/06/2023	Habilete Learning Solutions Pvt.ltd,Kollam	Training Programs	5 years	Mr. Ampady O
2	ME	27/06/2019	Incaetek Solution PVT LTD	Internship/workshop/add on course	5 YEARS	Mr. Ampady O
Department of ELECTRICAL AND ELECTRONICS ENGINEERING (EEE)						
S#	Dept	DATE. OF MOU	NAME OF ORGANISATION	BRIEF DETAILS OF PURPOSE OF MOU	DURATION	FACULTY COORDINATOR
1	EEE	5/4/2023	Prana renewables pvt.ltd	Workshops for students	5 Year	Sarath Kumar S
2	EEE	5/4/2023	Cadd centre Adoor	Workshops for students	5 Year	Sarath Kumar S
3	EEE	31/05/2022	Indian Institute of Infrastructure and Construction	Provide certificate Programs Provide industry internship and placement support Provide customarized internship for students Organize faculty immersion programs Provide short courses for technical staff, faculty and students Provide facility for academic projects Sharing the expertise of faculty ,Infrastructure and facilities for special needs	3 years	Sarath Kumar S.
4	EEE	30/10/2019	Macroflex Industries	Internship training for students Joint teaching activities Joint research activities Visit & training Campus recruitment	5 years	Sarath Kumar S.
5	EEE	02/09/2019	Sciencetech Technologies Pvt. Ltd	<ul style="list-style-type: none"> • Internship training for students • Joint teaching activities • Joint research activities • Visit & training • Campus recruitment 	5 years	Sarath Kumar S

B. S. Jim

Department of Mechanical Automobile Engineering (MAE)						
	Dept	DATE. OF MOU	NAME OF ORGANISATION	BRIEF DETAILS OF PURPOSE OF MOU	DURATION	FACULTY COORDINATOR
1	MAE	03/04/2023	Egger Pumps, Coimbatore	Training Programs for Final Year students	5 Years	Mr. Suresh S
2	MAE	04/11/2020	Parackal Motors, Konni.	Internship and project work for students, visit and training for students, campus recruitment, if possible, for students.	5 years	Mr. Suresh S
3	MAE	28/09/2019	Classic Motors, Nilamel.	Internship training for students.	5 years	Mr. Suresh S
4	MAE	18/10/2019	Trans Motors, Adoor.	Internship training for students of MAE.	5 years	Mr. Suresh S

Department of Business Administration (MBA)						
S#	Dept	DATE. OF MOU	NAME OF ORGANISATION	BRIEF DETAILS OF PURPOSE OF MOU	DURATION	FACULTY COORDINATOR
1	MBA	30/06/2023	Euresian Institute of Management	Training Program for students	2 Year	Chippy R S
2	MBA	07/09/2023	Samskruthi Charitable Society, Vallikkunnam	Endowment	5 Years	Chippy R S
3	MBA	12/09/22	Parackal Motors Konni	On-the-Job Training	2 Year	Chippy R S
4	MBA	20/10/22	CA Rahul Krishna Associates	On-the-Job Training	2 Year	Chippy R S
5	MBA	27-10-2022	Parackal Motors, Koodal	On-the-Job Training	2 Year	Chippy R S



B. S. Suresh S