

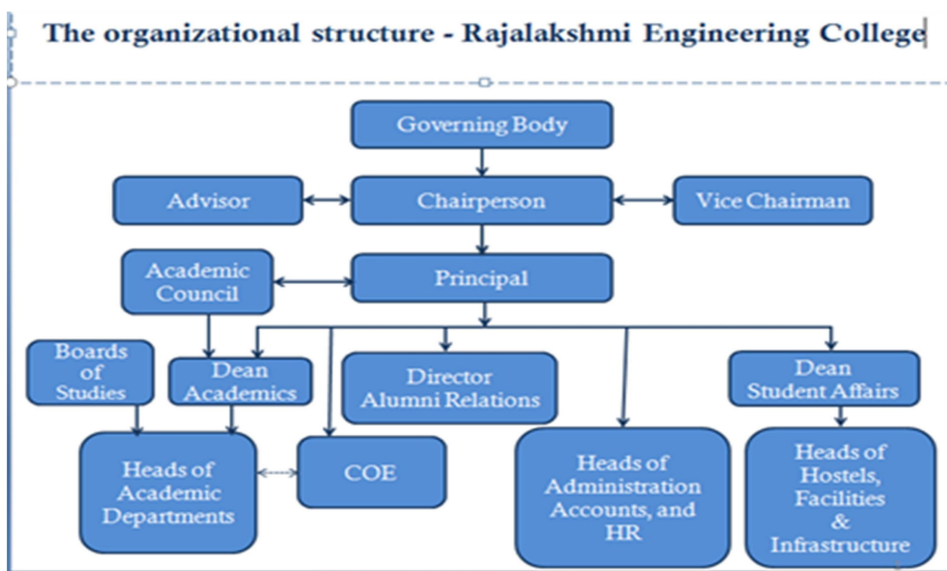
Rajalakshmi Engineering College [Autonomous], Chennai.

Mandatory Disclosure – 2023-2024

- 18.1 Name of the Institution : Rajalakshmi Engineering College
Rajalakshmi Nagar,
Thandalam,
Chennai 602 105.
Phone No. 044-67181111
Email : admin@rajalakshmi.edu.in
- 18.2 Name and Address of the Trust : Rajalakshmi Educational Trust
K-67 New Avadi Road
Kilpauk, Chennai 600 010.
Phono No.04426442472
Email : admin@rajalakshmi.edu.in
- 18.3 Name and Address of the Principal : Dr. S N Murugesan, M.E., Ph.D.
Principal
Rajalakshmi Engineering College
Rajalakshmi Nagar,
Thandalam, Chennai 602 105
Phone No:044-67181111
Email : principal@rajalakshmi.edu.in
- 18.4 Name of the Affiliating University : Anna University, Chennai.

18.5 Governance :

i. Organisational Chart



ii. Grievance Redressal Mechanism for Faculty, Staff and Students

There is a grievances redressal committee which is functioning to look into the grievances of teaching and non-teaching staff, and students.

It consists of Dr. Johanna Rajkumar, Dean – Biotechnology, **Dr. S.N. Murugesan - Principal**, Dr. M. Subbish – Professor Emeritus, Thiru. I. Philip Praveen – Dean, Student Affairs, Ms. Millicent Mabel, Assistant Professor, Biotechnology and Dr. D.Haripriya Associate Professor, Biotechnology.

The committee conducts regular meetings to study the grievances and recommends ameliorative measures to the principal for suitable action. A number of grievances have been sorted out during past few years. Normally every genuine grievance is promptly attended. Action taken reports is maintained.

Functions:

A committee consisting of Chairperson of the committee and members discusses representations received from staff members. The HOD concerned serves as co-opted member, wherever necessary. It operates in two modes: when an individual or group is having a grievance it is discussed with grievance redressal committee. Also the grievances are expressed in the regular meeting of faculty members and for the students it is expressed by class representatives in their class committee meetings.

iii.	Establishment of Anti Ragging Committee	:	2009
iv.	Establishment of Online Grievance Redressed Mechanism	:	2017
v.	Details of Grievance Redressal Committee in the Institution and OMBUDSMAN by the University	:	N/A
vi.	Establishment of Internal Complaint Committee [ICC]	:	2016
vii.	Establishment of Committee for SC / ST	:	2016
viii.	Internal Quality Assurance Cell	:	2007
ix.	Equal Opportunity facilities Cell	:	NA

18.6

Programmes

- i. Name of the Programmes approved by AICTE -

Annexure I [Engineering and Technology]

Annexure II [M B A]

Under Graduate Programme:

1. B.E. Aeronautical Engineering
2. B.E. Automobile Engineering
3. B.E. Biomedical Engineering
4. B.Tech. Biotechnology
5. B.Tech. Chemical Engineering
6. B.E. Civil Engineering
7. B.E. Computer Science and Engineering

8. B.E. Electronics and Communication Engineering
9. B.E. Electrical and Electronics Engineering
10. B.Tech. Information Technology
11. B.E. Mechanical Engineering
12. B.E. Mechatronics Engineering
13. B.Tech. Food Technology
14. B.Tech. Computer Science and Business Systems
15. B.Tech. Artificial Intelligence and Machine Learning
16. B.E. Robotics and Automation
17. B.E. Computer Science and Design
18. B.Tech. Artificial Intelligence and Data Science
19. B.E. Computer Science and Engineering [Cyber Security]

Post Graduate Programme

1. M B A. - Master of Business Administration
2. M.E. Avionics
3. M.E. Medical Electronics
4. M.Tech. Biotechnology
5. M.E. Computer Science and Engineering
6. M.E. Communication Systems
7. M.E. Embedded System Technology
8. M.E. Engineering Design
9. M.Tech. Data Science

ii. Name of Programmes Accredited by NBA

Under Graduate Programme

1. B.E. Aeronautical Engineering
2. B.E. Automobile Engineering
3. B.E. Biomedical Engineering
4. B.Tech. Biotechnology
5. B.E. Civil Engineering
6. B.E. Computer Science and Engineering
7. B.E. Electronics and Communication Engineering
8. B.E. Electrical and Electronics Engineering
9. B.Tech. Information Technology
10. B.E. Mechanical Engineering
11. B.E. Mechatronics Engineering

Post Graduate Programme

1. M.Tech. Biotechnology

iii. Status of Accreditation of the Courses - Accredited [Valid upto till June 2025]

[Annexure - III]

iv. Total Number of Courses :

19 UG Programmes and 9 PG Programmes

v. For each Programme the following details are to be given [preferably in Tabular form]

No.	Department	Duration [Years]	No.; of Students	Cut off marks / rank of admission during the last years [2023-2024]
1	B.E. Aeronautical Engineering	4	60	187.5
2	B.E. Automobile Engineering	4	30	180.5
3	B.E. Biomedical Engineering	4	120	189
4	B.Tech. Biotechnology	4	180	189
5	B.Tech. Chemical Engineering	4	60	188.5
6	B.E. Civil Engineering	4	60	179.5
7	B.E. Computer Science and Engineering	4	300	197
8	B.E. Electronics and Communication Engineering.	4	240	194
9	B.E. Electrical and Electronics Engineering	4	120	192.3
10	B.Tech. Information Technology	4	240	192.3
11	B.E. Mechanical Engineering	4	120	188.5
12	B.E. Mechatronics Engineering	4	60	186
13	B.Tech. Food Technology	4	60	184.5
14	B.Tech. Computer Science and Business Systems	4	120	190.5
15	B.Tech. Artificial Intelligence and Machine Learning	4	180	191
16	B.E. Robotics and Automation	4	60	186
17	B.E. Computer Science and Design	4	60	192.5
18	B.Tech. Artificial Intelligence and Data Science	4	180	196.5
19	B.E. Computer Science and Engineering [Cyber Security]	4	60	194.6

No.	Department	Duration [Years]	No.; of Students	Cut off marks / rank of admission during the last years [2023-2024]
1	M B A. Master of Business Administration	2	240	91.01
2	M.E. Avionics	2	9	85.42
3	M.E. Medical Electronics	2	18	88.15

4	M.Tech. Biotechnology	2	24	95.1
5	M.E. Computer Science and Engineering	2	18	89.53
6	M.E. Communication Systems	2	18	87.88
7	M.E. Embedded System Technology	2	18	89.19
8	M.E. Engineering Design	2	9	90.47
9	M.Tech. Data Science	2	18	90.0

vi. Fee [as approved by the state government]

B.E. / B.Tech.

Government Quota : Non Accredited Courses : Rs.50,000/- per annum, Accredited Courses : Rs.55,000/ per annum.

Management Quota : Non Accredited Courses : Rs.1,40,000/- per annum, Accredited Courses : Rs.1,45,000/- per annum.

Apart from the Above fees: Rs.15,000/- Fixed for Placement and Training , Rs.5,000/- Fixed for Development Charges

M.E. / M.Tech : Non Accredited Courses : Rs.25000/- per semester and Accredited Courses Rs.30,000/- per semester

M B A : Non Accredited Courses : Rs.17,500/- per semester and Accredited Courses Rs.20,500/- per semester

vii. 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 Collaboratin, give the following details, if any

a. Details of the Foreign University, if any : <https://www.binghamton.edu/>

b. Name of the University : Binghamton University

c. Address

4400 Vestal Pkwy E, Binghamton, NY 13902, United States

Phone: +1 607-777-2000

d. Website : <https://www.binghamton.edu/>

e. Accreditation status of the University in the Home Country

- Accredited by ABET from October 1989.

f. Ranking of the University in the Home Country :

- Binghamton University is ranked #1001-1200 in QS World University Rankings 2024.
- Ranked in the Band 651-680 in the World by QS 2024 for the area Computer Science and Information System.
- Ranked in the Band 601-800 by Time Higher Education 2023.

g. Whether the degree offered is equivalent to an Indian Degree? If yes, the name of the agency which has approved equivalence. If no, implications for students in terms of pursuit of higher studies in India and abroad and job both with in and outside the country :

- Yes, Anna University, Chennai, India.

xi. Programme Focus :

- B.E. Computer Science and Engineering
- B.Tech. Information Technology
- B.E. Electronics and Communication Engineering
- B.E. Aeronautical Engineering

xii. Number of seats : Each Programme in 60 seats.:

xv. Whether the Collaboration Programme is approved by AICTE? If not whether the Domestic / Foreign University has applied to AICTE for AICTE for approval.

Yes, Approved by AICTE,

[Annexure - IV]

18.7 Faculty

i. Course / Branch wise list Faculty Members:

ii. Permanent Faculty : 518

iii. Adjunct Faculty : NIL

iv. Permanent Faculty : Student Ratio : 1:17.8

18.8 Profile of Vice Chancellor / Director / Principal / Faculty **Annexure – V**

Name	Dr. S N Murugesan, M.E., Ph.D.
Department	Mechanical Engineering
Designation	Principal
Date of Birth	01.04.1969
Unique ID : AICTE	1-449287649
Education Qualification Under Graduate Post Graduate Ph.D.	B.E., M.E., Ph.D.
Work Experience	

Teaching Research Industry Others	28 years 5 years - -
Area of Specialization	Thermal Science
Course Taught UG / PG [any five theory]	Heat and Mass Transfer
Research Guidance [Number of Students]	UG – 20, PG - 5
No. of papers published in National / International Journals / Conference	National : 7 International : 10
Research Guidance : Master No of students	Completed : 05 On Going : Nil
Research Guidance Ph.D. No of students	Completed : 3 On Going : Nil
Projects Carried Out	01
Patents [Filed & Granted)	Nil
Technology Transfer	Nil
Research Publications [No. of papers published in [National / International journals / Conferences]	National : 7 International : 10
No. of Books published with details [Name of the book / Publishers with ISBN, Year of Publication, etc]	02

18.9 Fee

- No. of fee waivers granted with amount and name of the students – **Annexure V**
- Number of scholarship offered by the institution, duration and amount **Annexure VI**

18.10 Admission

1. Number of seats sanctioned with the year of approval

No.	Department [Under Graduate]	AICTE Approval Year	Approved
1	B.E. Aeronautical Engineering	2004	60
2	B.E. Automobile Engineering	2005	30
3	B.E. Biomedical Engineering	2005	120
4	B.Tech. Biotechnology	2002	180
5	B.Tech. Chemical Engineering	2016	60
6	B.E. Civil Engineering	2009	60
7	B.E. Computer Science and Engg.	1997	300
8	B.E. Electronics and Comm. Engg.	1997	240

9	B.E. Electrical and Elect. Engg.	1999	120
10	B.Tech. Information Tech	1998	240
11	B.E. Mechanical Engineering	1997	120
12	B.E. Mechatronics Engineering	2015	60
13	B.Tech. Food Technology	2018	60
14	B.Tech. Com. Sci. and Business Systems	2019	120
15	B.Tech. Arti Inte and Machine Learning	2020	180
16	B.E. Robotics and Automation	2020	60
17	B.E. Computer Sci and Design	2021	60
18	B.Tech. Artificial Intelligence and Data science	2022	180
19	B.E. Computer Science and Engg. Cyber Security]	2023	60
No.	Department [Post Graduate]	AICTE Approval Year	Approved
1	M.E. Avinoics	2017	9
2	M.E. Medical Electronics	2011	18
3	M.Tech. Biotechnology	2006	24
4	M.E. Computer Sci and Engg.	2004	18
5	M.E. Communication Systems	2005	18
6	M.E. Embedded System Tech	2012	18
7	M.E. Engineering Design	2011	9
8	M.Tech. Data Science	2019	18
9	M B A. Master of Business Administration	2002	240

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

STUDENTS STRENGTH - UG COMMUNITY WISE 2018,2019,2020 and 2021

Course	SC		ST		OBC		OC	
	B	G	B	G	B	G	B	G
Aero	18	3	1	0	124	34	22	10
Auto	12	0	0	0	94	1	18	0
Biomed	16	20	1	1	118	199	17	31
Biotech	27	22	1	2	143	292	23	93
Chem	10	4	0	0	110	34	14	9
Civil	19	7	1	0	148	47	6	3
CSE	68	34	6	1	571	305	156	72
ECE	55	30	2	3	499	192	111	66
EEE	32	10	0	0	292	101	55	17
IT	31	11	1	0	202	126	71	37
Mech	82	1	2	0	562	5	86	2
MCT	18	1	0	0	171	12	37	2
FT	3	10	0	0	58	105	10	20

CSBS	9	6	0	0	70	41	27	15
AIML	9	9	2	0	102	30	24	13
RA	8	1	0	0	50	19	11	3
CSD	4	3	0	0	36	11	7	3
	421	172	17	7	3350	1554	695	396

STUDENTS STRENGTH - PG COMMUNITY WISE 2020,2021

Course	SC		ST		OBC		OC	
	B	G	B	G	B	G	B	G
Avionics	1	0	0	0	0	1	0	0
Med. Elect	0	0	0	0	3	8	0	0
Biotech	0	1	0	0	4	22	0	4
CSE	0	1	0	0	0	1	0	0
Comm. Sys	0	1	0	0	0	4	0	0
Emb. Sys.Tech	0	0	0	0	0	6	0	0
Engg. Design	0	0	0	0	5	0	1	0
Data Science	2	2	0	0	2	3	0	1
MBA	10	6	0	0	72	81	13	16

STUDENTS STRENGTH - UG COMMUNITY WISE 2019,2020,2021 and 2022

Course	SC		ST		OBC		OC	
	B	G	B	G	B	G	B	G
Aero	21	3	1	0	112	37	16	15
Auto	8	0	0	0	75	2	10	0
BME	15	19	1	0	136	194	19	36
Biotech	28	29	1	2	137	304	22	95
Chem	10	9	0	0	98	44	13	7
Civil	17	10	0	0	106	41	7	3
CSE	74	36	6	0	608	336	149	71
ECE	60	34	2	1	500	226	101	64
EEE	33	12	0	0	280	96	45	13
IT	39	15	1	0	264	135	64	41
Mech	71	4	2	0	511	7	73	1
MCT	21	2	0	0	178	14	34	2
FT	9	13	0	0	66	105	11	20
CSBS	18	10	0	0	128	74	42	20
AIML	24	12	3	0	202	73	41	24
RA	14	1	0	0	96	29	16	3
CSD	7	5	0	0	70	25	9	11
AIDS	2	2	0	0	31	19	5	4

STUDENTS STRENGTH - PG COMMUNITY WISE 2021 and 2022

	SC		ST		OBC		OC	
	B	G	B	G	B	G	B	G
Avionics	0	0	0	0	0	1	0	0
Med. Electronics	1	0	0	0	3	7	0	1
Biotech	0	0	0	0	6	26	1	4
Comm. System	0	1	0	0	0	2	0	0

CSE	0	0	0	0	0	2	0	0
Emb.Sys Tech	0	0	0	0	3	6	1	0
Engg. Design	0	0	0	0	2	0	0	0
Data Science	5	1	0	0	3	4	1	2
MBA	10	6	0	0	93	98	24	13

STUDENTS STRENGTH - UG COMMUNITY WISE 2020,2021,2022 and 2023

	SC		ST		OBC		OC	
	B	G	B	G	B	G	B	G
Aero	19	7	1	0	113	48	16	13
Auto	6	0	0	0	67	5	9	0
BME	18	19	0	0	167	174	16	35
Biotech	26	36	2	1	149	328	18	107
Civil	18	8	1	1	101	51	7	2
Chem	15	7	0	0	103	55	13	10
CSE	79	38	4	0	695	380	155	74
ECE	65	40	2	1	550	232	113	52
EEE	32	18	0	0	288	99	40	14
IT	47	21	2	0	357	179	65	45
Mech	59	3	2	0	474	13	65	0
MCT	23	2	0	0	191	17	27	1
FT	10	11	0	0	71	111	13	19
CSBS	26	14	0	0	164	108	44	26
AIML	39	20	4	0	302	114	68	36
RA	21	1	1	0	141	37	21	5
CSD	12	6	1	0	110	35	17	14
AIDS	9	11	1	0	131	73	22	11
CS	6	3	0	0	27	17	7	3

STUDENTS STRENGTH - PG COMMUNITY WISE 2022,2023

	SC		ST		OBC		OC	
	B	G	B	G	B	G	B	G
Avionics	1	0	0	0	3	1	0	0
Med. Electronics	1	0	0	0	1	3	0	1
Biotechnology	3	2	0	0	13	22	1	5
Comm. Systems	0	2	0	0	0	1	0	1
CSE	2	1	0	0	7	3	3	0
Emb.Sys.Tech	0	0	0	0	5	4	2	0
Engg. Design	1	0	0	0	5	0	1	0
Data Science	6	1	0	0	6	9	1	2
MBA	15	18	1	2	139	140	35	28

3. Number of applications received during last year for admission under Management Quota and number admitted : Academic Year : 2023-2024

No.	Department [Under Graduate]	No. of Applications Received	No. of Students Admitted in MQ
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1	B.E. Aeronautical Engineering	1170	39
2	B.E. Automobile Engineering	540	18
3	B.E. Biomedical Engineering	3450	69
4	B.Tech. Biotechnology	4450	126
5	B.Tech. Chemical Engineering	1200	40
6	B.E. Civil Engineering	1260	42
7	B.E. Computer Science and Engineering	19800	264
8	B.E. Electronics and Communication Engineering	10800	144
9	B.E. Electrical and Electronics Engineering	3850	77
10	B.Tech. Information Technology	10800	144
11	B.E. Mechanical Engineering	4050	81
12	B.E. Mechatronics Engineering	1200	40
13	B.Tech. Food Technology	1230	41
14	B.Tech. Computer Science and and Business Systems	3800	76
15	B.Tech. Artificial Intelligence and Machine Learning.	9150	122
16	B.E. Robotics and Automation	1170	39
17	B.E. Computer Science and Design	2150	43
18	B.Tech. Artificial Intelligence and Data science	8175	109
19	B.E. Computer Science and Engineering [Cyber Security]	2050	41

No.	Department [Post Graduate]	No. of Applications Received	No. of Students Admitted
1	M.E. Avionics	100	4
2	M.E. Medical Electronics	75	3
3	M.Tech. Biotechnology	600	24
4	M.E. Computer Science and Engineering	325	13
5	M.E. Communication Systems	100	4
6	M.E. Embedded System Technologies	150	6
7	M.E. Engineering Design	150	6
8	M.Tech. Data Science	400	16
9	M B A. Master of Business Administration	6600	132

18.11 Admission Procedure

- Mention the admission test being followed, name and address of the Test Agency / State Admission Authorities and its URL

ii. Calendar for admission against Management Quota seats:

Last date of request for applications	As announced by the Consortium of Self Financing Professional, Arts and Science Colleges in Tamilnadu . Chennai-600040 Website : http://www.tnsfconsortium.org/
Last date submission of applications	
Date for announcing final results	
Release of admission list	
Last date for closing of application	
The waiting list shall be activated only on the expiry of date of main list	YES
Starting of the Academic session	As announced by AICTE Academic calendar / Anna university Academic calendar
The policy of refund of the Fee, in case of withdrawal, shall be clearly notified	As Mentioned in AICTE Academic calendar

18.12 Criteria and Weightages for Admission:

i. Mention the minimum level of acceptance, if any

UG Programmes: Admission of the students into various programs of the institution is based on Tamil Nadu Engineering Admissions (TNEA) conducted by DOTE. <https://www.tneaonline.org/>

The selection of candidates will be based on the marks obtained in the prescribed subjects reduced to 200 (Mathematics: 100, Physics + Chemistry: 100) in the qualifying examination.

Qualifying Examinations and Eligibility A pass in the HSC (Academic: both +1 and +2) or its equivalent with a minimum average percentage in Mathematics, Physics and Chemistry put together as given below.

Community	A Pass with Minimum average marks in Mathematics, Physics and Chemistry put together
General Category	45.00%
Backward Class including Backward Class Muslim	40.00%
MBC	40.00%
SC/SCA/ST	40.00%

PG Programmes: Enrolment of the students into M.E./M.Tech. Courses is based on the state level common Entrance test (TANCET) conducted by the Anna University, Consortium and all India GATE exam.

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

No.	UG Department	2023-24		2022-23		2021-22	
		Cut Off	Percent age	Cut Off	Percent age	Cut Off	Percent age
1	B.E. Aeronautical Engineering	187.5	94.33	195.5	97.67	194	97
2	B.E. Automobile Engineering	180.5	91	181	91.33	183	91
3	B.E. Biomedical Engineering	189	93	192	94.67	193	96.67
4	B.Tech. Biotechnology	189	95.33	194.5	97.33	191.5	95.67
5	B.Tech. Chemical Engineering	188.5	94	187	93	188.5	94.33
6	B.E. Civil Engineering	179.5	91	187	93	181.5	91
7	B.E. Computer Science and Engineering	197	98.33	197.5	98.33	197.5	98.67
8	B.E. Electronics and Communication Engineering	194	97	194.5	97.67	193	96.67
9	B.E. Electrical and Electronics Engineering	192.3	96.17	196.5	98.33	192.5	96
10	B.Tech. Information Technology	192.3	96.17	193.5	96.67	193	96.33
11	B.E. Mechanical Engineering	188.5	94	192.5	95.67	192	96
12	B.E. Mechatronics Engineering	186	93	187	92	192.5	96.33
13	B.Tech. Food Technology	184.5	92.67	184	92	188.5	94.33
14	B.Tech. Computer Science and Business Systems	190.5	95.67	197	98.33	192.5	96
15	B.Tech. Artificial Intelligence and Machine Learning	191	95.33	194	96.67	196	98
16	B.E. Robotics and Automation	186	93.33	188	93.67	193	96.67
17	B.E. Computer Science and Design	192.5	96.67	190	95	190	94.67
18	B.Tech. Artificial Intelligence and Data science	196.5	98.33	195.5	98	NA	
19	B.E. Computer Science and Engineering [Cyber Security]	194.6	97.33	NA		NA	

18.13 Information of Infrastructure and other resources available:

i. Number of Class Rooms and size of each

No. of Class Rooms : 114 Size : Avg 82.3 Sq. M

ii. Number of Tutorial Rooms and size of each

No. of Tutorial Rooms : 23 Size : Avg 45.9 Sq.M

iii. Number of Laboratories and size of each

No. of Laboratories : 173 Size : Avg. 72.9 Sq.M

iv. Number of Computer Centres with capacity of each

No. of Computer Centres : 6 Size : Avg 152. Sq,M

v. Central Examination facility, Number of rooms and capacity of each

No. of Class Rooms : 2 Size : 132 Sq. M each

vi. Online examination facility (Number of Nodes, Internet bandwidth, etc)

No. of Nodes : 2461

Internet Bandwidth : 1155 Mbps)

vii. Barrier Free Built Environment for disabled and elderly person : Yes.

viii. Fire and Safety Certificate : Yes

ix. Hostel Facilities

Hostel	Capacity	Strength
Boys Hostel I	484	469
Boys Hostel II	420	416
Girl Hostel I	320	310
Girl Hostel II	386	373

x. Number of Library books / ebooks / Titles / Journals available [Programme-wise]

	Engg & Tech	MBA
Number of Library Books	62988	8685
Title	15216	2346
Journals {National}	260	24
Journals (International)	2030	3248

xi. List of online National / International Journals subscribed

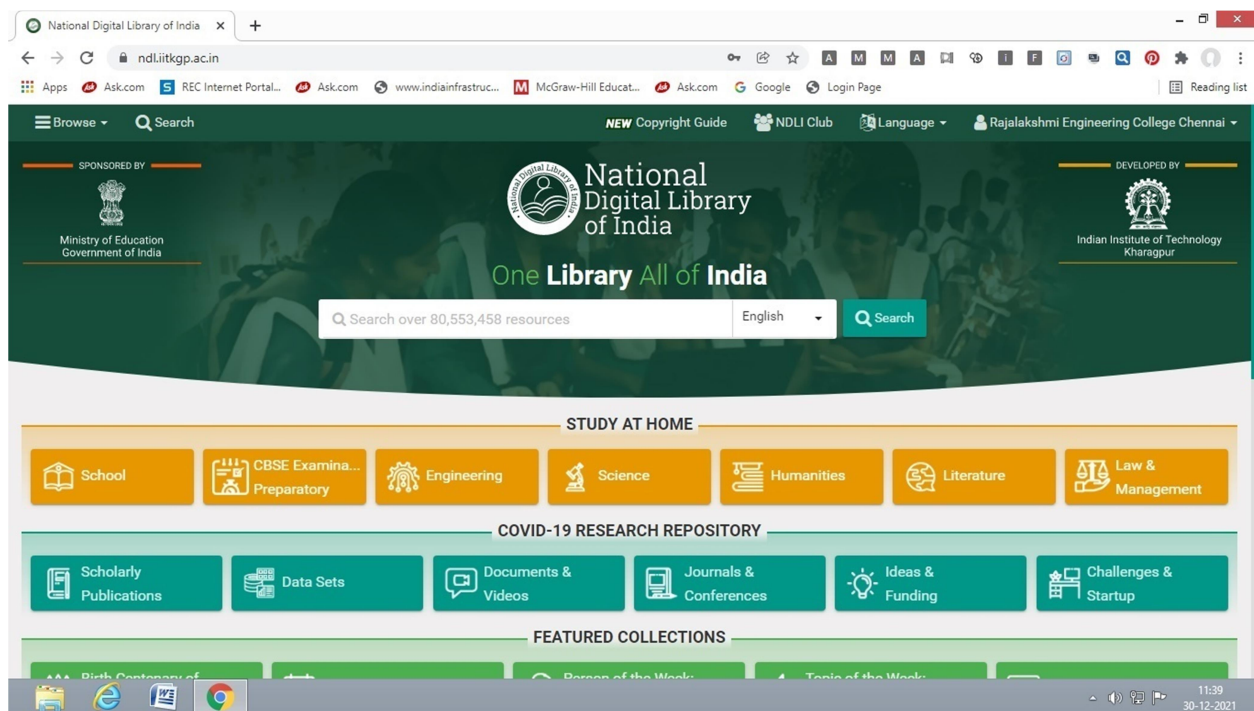
Degree	Name of the Course	No. of Journals	
		National	International
B.E	Aeronautical Engineering	8	76
B.E	Automobile Engineering	7	65
B.E	Biomedical Engineering	10	142
B.E	Civil Engineering	10	114
B.E	Computer Science and Engineering	10	176
B.E	Electronics and Communication Engineering	10	155
B.E	Mechanical Engineering	19	170

B.E	Electrical and Electronics Engineering	18	154
B.E	Mechatronics Engineering	11	154
B.E	Robotics and Automation	7	12
B.E	Computer Science and Design	7	25
B.Tech	Artificial Intelligence & Machine Learning	8	13
B.Tech	Information Technology	10	130
B.Tech	Chemical Engineering	10	31
B.Tech	Food Technology	7	18
B.Tech	Biotechnology	13	83
B.Tech	Computer Science and Business Systems	6	30
B.E.	Computer Science and Engineering [Cyber Security]	3	13
M.B.A	Master of Business Administration	24	43
M.E	Avionics	6	18
M.E	Communication Systems	6	73
M.E	Computer Science and Engineering	10	61
M.E	Embedded Systems Technologies	6	54
M.E	Engineering Design	6	44
M.E	Medical Electronics	6	42
M.Tech	Biotechnology	6	73
M.Tech	Data Science	6	41
	Total	260	2030

- E-Library facilities :: IEEE, ASME,ASCE ,JGATE

xii. National Digital Library (NDL) subscription details

Institutional Member, National Digital Library (NDL) registration letter and screen shot attached



xiii. List of Major Equipment / Facilities in each Laboratory / Workshop : **[Annexure - VIII]**

xiv. List of Experimental Setup in each Laboratory / Workshop

<https://www.rajalakshmi.org/academics.php>

xv. Innovation Cell : **[Annexure - IX]**

xvi. Social Media Cell

Rajalakshmi Engineering College has established an official presence on Facebook, Instagram, LinkedIn and Twitter.

These social media accounts are all maintained by the Social Media Committee of the college.

Below is a summary of each site:

Facebook is a social networking site that allows people from around the world to network with friends, companies and organizations. Rajalakshmi Engineering College maintains the "Rajalakshmi Engineering College" Facebook Page, and frequently posts content, including videos, photo albums, event listings, links to news stories and more.

Link: <https://www.facebook.com/myrecchennai>

Instagram is a social networking site that allows users to share pictures and short videos using their mobile device. Rajalakshmi Engineering College maintains the "Rajalakshmi_engineering_college" Instagram account and posts campus scenes, current events and happenings.

Link: <https://www.instagram.com/myrecchennai>

LinkedIn is a business-related social networking site used mainly for professional networking. Rajalakshmi Engineering College maintains the "Rajalakshmi Engineering College" LinkedIn page, and frequently posts updates about job postings, academic programs, campus events, research projects, and

<https://in.linkedin.com/school/rajalakshmi-engineering-college/>

Twitter is a micro-blogging site that allows people to post updates. Rajalakshmi Engineering College maintains the "Rajalakshmi Engineering College" Twitter Feed, and frequently posts information about campus events, university research, student accomplishments, news stories and more.

Link: <https://twitter.com/myrecchennai>

xvii. Compliance of the Academic Bank of Credit [ABC], applicable to PGCM/PGDM Institution and University Department

- NOT APPLICABLE

xviii. To upload the respective short vide [1-2 min] of infrastructure and facilities available w.r.t. the courses in the website.

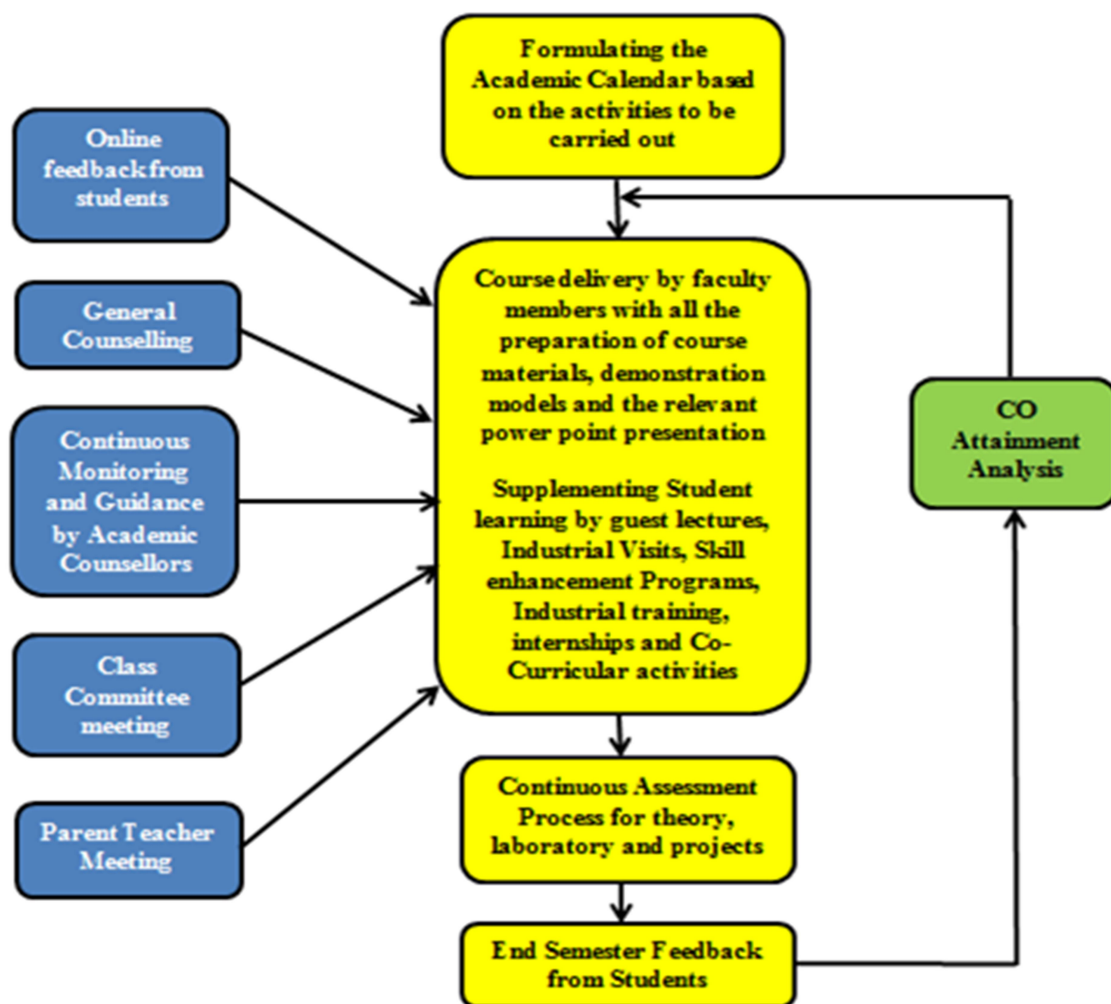
[www.rajalakshmi.org]

xix. Games and Sports Facilities :

- Sports play pivotal role in shaping one's personality and maintaining good health. We have specially developed a sports environmental standards and gives a truly global experience to all our students. All of which is provided to them on the campus.
- There are multiple sports facilities to keep our students engaged and physically fit.
- Every student is encouraged to take active part in outdoor and indoor activity. Rajalakshmi Engineering College has set up facilities /ground for cricket, Football, Basketball, Volleyball, Table Tennis, Badminton, Chess, Futsal, Ball Badminton, Throwball, Handball, kabaddi and Athletics. we are also planning inter-departmental tournament to develop a spirit of healthy competition.

xx Teaching learning Process

The teaching learning process is given in the flowchart , it shows the step by step activities in the teaching learning process




1. Curricula and syllabus for each of the programmes as approved by the University, which are uploaded in the following link

<https://www.rajalakshmi.org/academics.php>

2. Academic Calendar of the College is uploaded in the following link

(<http://www.rajalakshmi.org/academic-calendar.php>)

Odd Semester 2022-23:

 RAJALAKSHMI ENGINEERING COLLEGE			RAJALAKSHMI ENGINEERING COLLEGE (AUTONOMOUS) Time Table for Academic year 2022-2023 (Odd Semester)								
Semester: I Branch: AIML			Year: I Section : A			Class In-charge: Ms. S. Saranya			Wef: 03.11.2022 Room No. D209		
DAY / PERIOD	1 8.00-8.45	2 8.45-9.30	3 9.30-10.15	10.15-10.30	4 10.30-11.15	5 11.15-12.00	12.00-12.45	6 12.45-1.30	7 1.30-2.15	8 2.15-3.00	
TUES	PHI19241 (L.AB)		PHI19241	B R E A K	GE19141	MC19102	L U N C H	PHI19241	GE19141	MC19102	
WED	HS19151	MA19156			PHI19241	GE19141		GE19141 (L.AB)			
THUR	GE19141		MA19156		COUNSELLING	CFSR		PHI19241	MA19156(T)	TEST	
FRI	MA19156	PHI19241	LIBRARY		MC19102			SEMINAR	HS19151		
SAT	GE19122 (L.AB)		GE19122		MA19156			HS19151		GE19141	

COURSE CODE	COURSE TITLE	STAFF CODE	STAFF NAME	L	T	P	Tutorial / Lab assistant
HS19151	Technical English	EN62	Mr. M. Muthumanikandan	5			
MA19156	Linear Algebra and Calculus	MA120	Dr. K. Punniyamoorthy	6	1		Mr. V. Gopalakrishnan
PHI19241	Physics for Information Science	PH39	Dr. B. Latha	5		2	Dr. Rubani P. G.
GE19141	Programming using C	CS266	Ms. S. Saranya	6		3	Ms. S. Mahalakshmi
GE19122	Engineering Practices Lab - Electrical and Electronics	EC194	Mr. Prabhu A.E. Mr. D. Shyam			3	
MC19102	Indian Constitution and Freedom Movement	EN54	Dr. K. Thomas Alwa Edison	4			
	CFSR (Club Activity)		Dr. M. Millicent Mable		1		
	Seminar	IT195	Ms. T. Sangeetha		1		
	Counselling Hour	CS266	Ms. S. Saranya		1		
	Library Hour	PH39	Dr. B. Latha		1		
	Test		Mr. M. Muthumanikandan Dr. K. Punniyamoorthy Dr. B. Latha		1		

Time Table Co-ordinator

HOD(H&S)

Principal

RAJALAKSHMI ENGINEERING COLLEGE

DEPARTMENT OF MECHANICAL ENGINEERING
AUTONOMOUS IN MECHANICAL ENGINEERING
APPROVED BY AICTE, NEW DELHI, INDIA

RAJALAKSHMI ENGINEERING COLLEGE
DEPARTMENT OF MECHANICAL ENGINEERING
Time Table for 2022-2023 (Odd Sem. Part-2)
B.E. Mechanical Engineering
Semester III, Year II, Section: A

Venue:
C 302

Class In-charge: Mr. D. Abraham Anthony				Class Chairman: Dr. S. Shakti				Rev:		
Wef: 27.07.2022										
Day	8.00-8.30	8.30-9.00	9.00-10.15	10.15-11.00	11.00-11.45	11.45-12.30	12.30-1.15	1.15-2.00	2.00-2.45	2.45-3.30
Tue	ME19301 (A1) ME19301 (A2B)	ME19301 (A1) ME19301 (A2B)	Break	ME19301	ME19301	MA19355 (T)	Lunch (12.40 - 1.20)	EE19241	EE19241	EE19241
Wed	ME19311 (T) / ME19312 (B)		Break (10.40 to 11.00)	Break (10.40 to 11.00)	CS19411	ME19302	Lunch (12.40 - 1.20)	ME19303 (A1) ME19303 (A2B)	ME19303 (A1) ME19303 (A2B)	MA19355
Thur	EE19241 (P)		Break	EE19241	E-Theory: Controlling / Library		Lunch (12.40 - 1.20)	MA19355	MA19355	
Fri	ME19301 (A1) ME19301 (A2B)	ME19301 (A1) ME19301 (A2B)	Break	ME19301 (A1) ME19301 (A2B)	ME19301 (A1) ME19301 (A2B)	Lunch (11.50 - 12.30)	ME19311 (T) / ME19312 (B)			
Sat	MA19355		Break	E-Theory: Controlling / Library	Lunch	CS19411 (P)	CS19411 (P)	CS19411 (P)	CS19411 (P)	CS19411 (P)
Sub Code	Subject Name			L / P / T / B	Batch	Staff Code	Staff Name			Tutorial Assn.
ME19301	Engineering Thermodynamics			3 (L) + 1 (T)	A1	ME 46	Dr. R. Shakti			Mr. N. Parthiban
ME19302	Metal cutting & Machine tools			3 (L)	A2	ME 226	Dr. S. Salar			Mr. Abraham J.S.
ME19303	Kinematics of Machinery			3 (L) + 1 (T)	A1	ME 32	Dr. A. Rajkumar			Mr. K. Vigneshwaran
MA19355	Transformers & Applications			4 (L) + 1 (T)	A2	ME 201	Mr. D. Abraham Anthony			Mr. S. Harinaran
EE19241	Basic Electrical Engineering			3 (L) + 2 (P)	A1	ME 171	Mr. P. Arumugam			Mr. V. Gopalakrishnan
CS19411	Python programming for machine learning			1 (L) + 4 (P)	A2	MA 164	Mrs. S. Vamsith			
ME19311	Machine Drawing Lab			3 (P)	Batch I / Batch II	EE 82	Dr. P.R. Sivarman			
ME19312	Manufacturing Technology Lab			3 (P)	Batch I / Batch II	ME 183	Mr. D. Abraham Anthony			
Theory / Learning / Counselling / Library Hrs.				3 (T)	G I / G II / G III	ME 119 - ME 175 - ME 132	Mr. M. Sarathakrishnan			

Students Details:
Practical Batch I: 211101001 to 211101028 (28 Students)
Practical Batch II: 211101029 to 211101042 (13 Students) - L.E.

Time Table In-charge

Students Details:
Split Class A1: 211101001 to 211101042 (41 Students)
Split Class A2: L.E.


Time Table Co-ordinator

Split Class Venues:
A1 - ME 19301 / ME 19303 - C 302
A2B1 - ME 19301 / ME 19303 - C 302

HOD - MECH

Principal

Even Semester 2022-23 Time Table

 RAJALAKSHMI ENGINEERING COLLEGE		RAJALAKSHMI ENGINEERING COLLEGE (AUTONOMOUS) Time Table for Academic year 2022-2023 (Even Semester- March'23 to June'23)									
Semester: II				Year: I				Reg: 09.03.2023			
Branch/Section: CSE A				Classroom: D702				Class In charge: Dr. Kumaraguruhan.			

DAY / PERIOD	1 8.00-8.45	2 8.45-9.30	3 9.30-10.15	10.15-10.30	4 10.30-11.15	5 11.15-12.00	12.00-12.45	6 12.45-1.30	7 1.30-2.15	8 2.15-3.00
TUES	PHI9241(Lab)			B R E A K	GE19101		LUNCH	EE19242	CS19241	
WED	PHI9241	MA19252			MC19101		LUNCH	GE19121(Lab)		
THUR	CS19241	MA19252	EE19242		CS19241(Lab)		LUNCH	PHI9241		
FRI	CS19241(Lab)				PHI9241	MA19252	LUNCH	GE19101 (T)		
SAT	CS19241	EE19242			MC19101	EE19242 (Lab)	LUNCH	MA19252(T)		

COURSE CODE	COURSE TITLE	STAFF CODE	STAFF NAME	L	T	P	Tutorial /Lab assistant
MA19252	Differential Equations and Complex Variables	MA130	Ms. V. Sathya	5	1		Ms. C. Sathya
GE19101	Engineering Graphics	ME214/ME223	Mr. R. Kumaraguruhan	3	2		Ms. N. Parthiban
PHI9241	Physics for Information Science	PH16	Mr. R. Kumaraguruhan	4		3	Ms. R. Manojan
EE19242	Basic Electrical and Electronics Engineering	EE23	Dr. T. Sathya Krishna	4		2	Dr. T. Sathya Krishna
CS19241	Data Structures	CS262/IT191	Dr. R. Kumaraguruhan	4		3	Ms. Manojan
MC19101	Environmental Science and Engineering Courses	CH41	Ms. S. Sathya	3			
GE19121	Engineering Practices-Civil & Mechanical	ME189/ME210				3	Mr. D. Prithvi / Dr. S. Krishna
CS19211	Python Programming Lab	CS182/CS224				3	Mr. K. E. Narayanan / Ms. S. K. Anandhi

Time Table Coordinator	Dean(H&S)	Principal
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Time Table Coordinator

Dean(B&S)

Principal

4. Various Instructional Methods and Pedagogical Initiatives

- Impartus Lecture Capturing System
- Google Classroom
- Interactive Learning Methods
- (Chalk and Talk, Videos, PPT, Tutorial, Models, Experimental Learning, Quiz, Brain Storming, Seminar, Group Discussion, Role Play, Case studies, Assignments)
- Self-learning Courses - NPTEL and Coursera
- Co-curricular Activities
- Participating in competitions
- Innovative Project competition
- Core Design Contest
- Internal Continuous Evaluation System and Place

5. Internal continuous evaluation is given below based on Regulations 2019

(<http://www.rajalakshmi.org/academics-regulations.php>)

- **Theory Course:** For every Theory Course there will be three continuous assessments carrying equal marks which includes tests, assignments, seminars, mini projects etc. The total marks obtained in all three assessments put together shall be proportionately reduced for 50 marks and rounded to the nearest integers.
- **Laboratory Courses:** The maximum marks for continuous internal assessment shall be 50 in case of practical courses. Every practical exercise / experiment shall be evaluated based on conduct of experiment / exercise and records maintained.
- **Theory Courses with Laboratory Component : Weightage of internal assessment and End Semester Examination marks will be 50% each**
- **Project work:** The evaluation of the project reports will carry 30 marks and the same mark shall be awarded to every student within the project group for the project report. The viva voce examination shall carry 50 marks. Marks are awarded to each student of the project group based on the individual

Review I	Review II	Review III	End semester Examinations				
			Project Report Submission (30)		Viva-Voce (50)		
5	7.5	7.5	Internal	External	Supervisor	Internal	External
			15	15	15	20	15

6. Student's assessment of Faculty, System in place

Student's assessment of Faculty

Every semester, students give their feedback of their faculty members in the teaching learning process based on the following questionnaires. After consolidating the feedback obtained from students, it will be shared to the respective faculty members through the HODs for any corrective action needed.

Mid Semester Online Feedback of Faculty members						
SNO	SUBCODE	FEEDBACK QUERY	STAFF NAME	POOR	GOOD	EXCELLENT
1		Does your teacher come well prepared to the class?				
2		Does the lecture provide conceptual clarity?				
3		The course involves primarily descriptive topics. Explanation of the principles, linking concepts and ideas with real life applications through case studies and demonstration by the faculty?				
4		Does your teacher provide more information than the text book?				
5		Is the voice of your teacher clear and audible?				
6		How are the communication skills of the faculty member?				
7		Does your teacher hold attention of all the students in the class?				

Student's assessment of System in place:

GRIEVANCES

Roll Number

www.risc.ac.in/Feedback/Home/Feedback

2020/02/10 10:48 AM RISC = Feedback

Enter Roll Number

Hostel Issues

☐ Yes

☐ No

Transport Issues

☐ Yes

☐ No

Canteen Issues

☐ Yes

☐ No

Academic Issues

☐ Yes

☐ No

General Issues

Doing Well, Encouraged to do well

Other Issues

☐ Yes

☐ No

Faculty Remarks

Enter the Faculty Remarks

xxi. For each Post Graduate Courses give the following:

xxii. Title of the Course Programmes [08 M.E. / M.Tech. Programmes + 1 MBA Programme]

- M.E. Avionics
- M.E. Medical Electronics
- M.Tech. Biotechnology
- M.E. Computer Science and Engineering
- M.E. Communication Systems
- M.E. Embedded System Technology
- M.E. Engineering Design
- M.Tech Data Science
- M B A

xxiii. Laboratory facilities exclusive to the Post Graduate Course : **Yes.**

[Annexure - XI]

18.16 Enrolment and placement details of students in the last 3 years :

Year	Number of Students placed
2020-21	1347
2021-22	1444
2022-23	1549

18.17 List of Research Projects / Consultancy Works

[Annexure XI]

18.18 MoU's with Industries

No.	Name of the Company
1	Tata Consultancy Services
2	Rec Bosch
3	Apollo Hospitals
4	Aries Biomed
5	Infosys
6	Valeo
7	Aws
8	Bsnl
9	Emc Corp Centre For Big Data Science And
	Big Data Analytics
10	Emc Corp –Cloud Infrastructure Services
11	Palo Alto Networks Authorised Academy
	Center- Firewall
12	Wipro Utlp Embedded Systems
13	Hitachi Solutions

14	Systech Solutions
15	Autodesk (Revit)
16	Bary Whemiller
17	Uap – Pegasystems
18	Ui Path
19	Mando
20	Pha India
21	Vmware It Academy- Virtualisation
22	Wipro Talentnext
23	Automation Anywhere
24	Brakes India
25	Virtusa
26	Wipro Ge Healthcare
27	Oracle Academy
28	Blueprism University
29	Tata Elxsi

@@@@@



APPROVAL PROCESS 2023-24

Extension of Approval (EOA)

F.No. Southern/1-36445236211/2023/EOA

Date: 10-Jun-2023

To,

The Principal Secretary
(Higher Education) Govt. of Tamil Nadu,
N. K. M. Bld. 6th Floor Secretariat,
Chennai-600009

Sub: Extension of Approval for the Academic Year 2023-24

Ref: Online application of the Institution submitted for Extension of Approval for the Academic Year 2023-24

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Education) Regulations, 2020 notified on 4th February 2020 and amended on 24th February 2021 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to:

Permanent Id	1-5182261	Application Id	1-36445236211
Name of the Institution	RAJALAKSHMI ENGINEERING COLLEGE (ENGINEERING & TECHNOLOGY)	Name of the Society/Trust	RAJALAKSHMI EDUCATIONAL TRUST
Institution Address	RAJALAKSHMI NAGAR, THANDALAM, CHENNAI -602105 TAMIL NADU, CHENNAI, KANCHIPURAM, Tamil Nadu, 602105	Society/Trust Address	K 67 ANNA NAGAR EAST, CHENNAI., CHENNAI, CHENNAI, Tamil Nadu, 600102
Institution Type	Private-Self Financing	Region	Southern
Year of Establishment	1997		

To conduct following Courses with the Intake indicated below for the Academic Year 2023-24

Level	Program	Course	Affiliating Body (University /Body)	Intake Approved for 2022-23	Intake Approved for 2023-24	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	AERONAUTICAL ENGINEERING	Anna University, Chennai	60	60*	Yes	Yes
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	ARTIFICIAL INTELLIGENCE (AI) AND DATA SCIENCE	Anna University, Chennai	60	180	NA	No

Level	Program	Course	Affiliating Body (University /Body)	Intake Approved for 2022-23	Intake Approved for 2023-24	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Anna University, Chennai	180	180	NA	No
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	AUTOMOBILE ENGINEERING	Anna University, Chennai	30	30	Yes	Yes
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	BIOMEDICAL ENGINEERING	Anna University, Chennai	120	120	Yes	Yes
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	BIOTECHNOLOGY	Anna University, Chennai	180	180	Yes	Yes
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	CHEMICAL ENGINEERING	Anna University, Chennai	60	60	Yes	Yes
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	CIVIL ENGINEERING	Anna University, Chennai	60	60	Yes	Yes
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND BUSINESS SYSTEM	Anna University, Chennai	120	120	NA	No
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND DESIGN	Anna University, Chennai	60	60	NA	No
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING	Anna University, Chennai	300	300*	Yes	Yes
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY)	Anna University, Chennai	0	60##	NA	No
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	ELECTRICAL AND ELECTRONICS ENGINEERING	Anna University, Chennai	120	120	Yes	Yes

Level	Program	Course	Affiliating Body (University /Body)	Intake Approved for 2022-23	Intake Approved for 2023-24	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	ELECTRONICS & COMMUNICATION ENGG	Anna University, Chennai	240	240*	Yes	Yes
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	FOOD TECHNOLOGY	Anna University, Chennai	60	60	Yes	Yes
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	INFORMATION TECHNOLOGY	Anna University, Chennai	180	240*	Yes	Yes
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	Anna University, Chennai	120	120	Yes	Yes
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	MECHATRONICS ENGINEERING	Anna University, Chennai	60	60	Yes	Yes
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	ROBOTICS AND AUTOMATION	Anna University, Chennai	60	60	NA	No
POST GRADUATE	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING	Anna University, Chennai	18	18	Yes	Yes
POST GRADUATE	ENGINEERING AND TECHNOLOGY	COMMUNICATION SYSTEMS	Anna University, Chennai	18	18	Yes	Yes
POST GRADUATE	ENGINEERING AND TECHNOLOGY	BIOTECHNOLOGY	Anna University, Chennai	24	24	Yes	Yes
POST GRADUATE	ENGINEERING AND TECHNOLOGY	ENGINEERING DESIGN	Anna University, Chennai	9	9	Yes	Yes
POST GRADUATE	ENGINEERING AND TECHNOLOGY	MEDICAL ELECTRONICS	Anna University, Chennai	18	18	Yes	Yes

Level	Program	Course	Affiliating Body (University /Body)	Intake Approved for 2022-23	Intake Approved for 2023-24	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
POST GRADUATE	ENGINEERING AND TECHNOLOGY	EMBEDDED SYSTEMS TECHNOLOGIES	Anna University, Chennai	18	18	Yes	Yes
POST GRADUATE	ENGINEERING AND TECHNOLOGY	AVIONICS	Anna University, Chennai	18	9**	Yes	Yes
POST GRADUATE	ENGINEERING AND TECHNOLOGY	DATA SCIENCE	Anna University, Chennai	18	18	NA	No

Approved New Course(s)

*Collaborating Foreign University:

**Intake reduced due to the admissions less than or equal to 30% of the initial "Approved Intake" for the past 5 years consistently

It is mandatory to comply with all the essential requirements as given in APH 2023-24 (Appendix 6)

Important Instructions

1. The State Government/ UT/ Directorate of Technical Education/ Directorate of Medical Education shall ensure that 10% of reservation for Economically Weaker Section (EWS) as per the reservation policy for admission, operational from the Academic year 2019-20 is implemented without affecting the reservation percentages of SC/ ST/ OBC(NCL) / General. However, this would not be applicable in the case of Minority Institutions referred to the Clause (1) of Article 30 of Constitution of India. Such Institution shall be permitted to increase in annual permitted strength over a maximum period of two years.
2. The Institution offering courses earlier in the Regular Shift, First Shift, Second Shift/Part Time are now amalgamated as total intake and shall have to fulfil all facilities such as Infrastructure, Faculty and other requirements as per the norms specified in the Approval Process Handbook 2023-24 for the Total Approved Intake. Further, the Institutions Deemed to be Universities/ Institutions having Accreditation/ Autonomy status shall have to maintain the Faculty: Student ratio as specified in the Approval Process Handbook.
3. Strict compliance of Anti-Ragging Regulation, Establishment of Committee for SC/ ST, Establishment of Internal Committee (IC), Establishment of Online Grievance Redressal Mechanism, Barrier Free Built Environment for disabled and elderly persons, Fire and Safety Certificate should be maintained as per the provisions made in Approval Process Handbook and AICTE Regulation notified from time to time.
4. In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.
5. As per the AICTE Notification dated 29.01.2014 and amended thereto, it shall be mandatory for each Technical Education Institution, University Department and Institution Deemed to be University imparting Technical Education to get accreditation (NBA) for at least 60% of the eligible courses in the next ONE (1) Years' time, otherwise EoA for the subsequent Academic Year (A.Y. 2024-25) shall not be issued by the Council.
6. Deemed to be University: Institutions Deemed to be Universities (Running Technical Education Programmes), it is mandatory to have AICTE approval from the Academic Year 2018-19 in compliance of the Hon'ble Supreme Court Order dated 03-11-2017 passed in CA No.17869- 17870 /2017.

Prof.Rajive Kumar
Member Secretary, AICTE

Copy to:

1. **The Director Of Technical Education****, Tamil Nadu
2. **The Registrar****,
Anna University, Chennai
3. **The Principal / Director**,
RAJALAKSHMI ENGINEERING COLLEGE (ENGINEERING & TECHNOLOGY)
Rajalakshmi Nagar,
Thandalam,
Chennai -602105
Tamil Nadu,
Chennai,Kanchipuram,
Tamil Nadu,602105
4. **The Secretary / Chairman**,
K 67 ANNA NAGAR EAST,
CHENNAI.
CHENNAI,CHENNAI
Tamil Nadu,600102
5. **Guard File(AICTE)**

Note: Validity of the Course details may be verified at <http://www.aicte-india.org/>

** Individual Approval letter copy will not be communicated through Post/Email. However, a consolidated list of Approved Institutions(bulk) may be downloaded from the respective login id's.

This is a computer generated Statement. No signature Required



APPROVAL PROCESS 2023-24

Extension of Approval (EOA)

F.No. Southern/1-36536679900/2023/EOA

Date: 02-Jun-2023

To,

The Principal Secretary
(Higher Education) Govt. of Tamil Nadu,
N. K. M. Bld. 6th Floor Secretariat,
Chennai-600009

Sub: Extension of Approval for the Academic Year 2023-24

Ref: Online application of the Institution submitted for Extension of Approval for the Academic Year 2023-24

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Education) Regulations, 2020 notified on 4th February 2020 and amended on 24th February 2021 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to:

Permanent Id	1-20885021	Application Id	1-36536679900
Name of the Institution	RAJALAKSHMI ENGINEERING COLLEGE(M.B.A.)	Name of the Society/Trust	RAJALAKSHMI EDUCATIONAL TRUST
Institution Address	RAJALAKSHMI NAGAR, THANDALAM, CHENNAI - 602 105. TAMIL NADU., CHENNAI, KANCHIPURAM, Tamil Nadu, 602105	Society/Trust Address	K 67 ANNA NAGAR EAST,CHENNAI.,CHENNAI,CHEN NAI,Tamil Nadu,600102
Institution Type	Private-Self Financing	Region	Southern
Year of Establishment	2002		

To conduct following Courses with the Intake indicated below for the Academic Year 2023-24

Level	Program	Course	Affiliating Body (University /Body)	Intake Approved for 2022-23	Intake Approved for 2023-24	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
POST GRADUATE	MANAGEM ENT	MBA	Anna University, Chennai	120	240	NA	NA

It is mandatory to comply with all the essential requirements as given in APH 2023-24 (Appendix 6)

Important Instructions

1. The State Government/ UT/ Directorate of Technical Education/ Directorate of Medical Education shall ensure that 10% of reservation for Economically Weaker Section (EWS) as per the reservation policy for admission, operational from the Academic year 2019-20 is implemented without affecting the reservation percentages of SC/ ST/ OBC(NCL) / General. However, this would not be applicable in the case of Minority Institutions referred to the Clause (1) of Article 30 of Constitution of India. Such Institution shall be permitted to increase in annual permitted strength over a maximum period of two years.
2. The Institution offering courses earlier in the Regular Shift, First Shift, Second Shift/Part Time are now amalgamated as total intake and shall have to fulfil all facilities such as Infrastructure, Faculty and other requirements as per the norms specified in the Approval Process Handbook 2023-24 for the Total Approved Intake. Further, the Institutions Deemed to be Universities/ Institutions having Accreditation/ Autonomy status shall have to maintain the Faculty: Student ratio as specified in the Approval Process Handbook.
3. Strict compliance of Anti-Ragging Regulation, Establishment of Committee for SC/ ST, Establishment of Internal Committee (IC), Establishment of Online Grievance Redressal Mechanism, Barrier Free Built Environment for disabled and elderly persons, Fire and Safety Certificate should be maintained as per the provisions made in Approval Process Handbook and AICTE Regulation notified from time to time.
4. In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.
5. As per the AICTE Notification dated 29.01.2014 and amended thereto, it shall be mandatory for each Technical Education Institution, University Department and Institution Deemed to be University imparting Technical Education to get accreditation (NBA) for at least 60% of the eligible courses in the next ONE (1) Years' time, otherwise EoA for the subsequent Academic Year (A.Y. 2024-25) shall not be issued by the Council.
6. Deemed to be University: Institutions Deemed to be Universities (Running Technical Education Programmes), it is mandatory to have AICTE approval from the Academic Year 2018-19 in compliance of the Hon'ble Supreme Court Order dated 03-11-2017 passed in CA No.17869- 17870 /2017.

**Prof.Rajive Kumar
Member Secretary, AICTE**

Copy to:

1. **The Director Of Technical Education****, Tamil Nadu
2. **The Registrar****,
Anna University, Chennai
3. **The Principal / Director**,
RAJALAKSHMI ENGINEERING COLLEGE(M.B.A.)
Rajalakshmi Nagar,
Thandalam,
Chennai - 602 105.
Tamil Nadu.,
Chennai,Kanchipuram,
Tamil Nadu,602105
4. **The Secretary / Chairman**,
K 67 ANNA NAGAR EAST,CHENNAI.
CHENNAI,CHENNAI

Tamil Nadu,600102

5. Guard File(AICTE)

Note: Validity of the Course details may be verified at <http://www.aicte-india.org/>

** Individual Approval letter copy will not be communicated through Post/Email. However, a consolidated list of Approved Institutions(bulk) may be downloaded from the respective login id's.

This is a computer generated Statement. No signature Required

राष्ट्रीय प्रत्यायन बोर्ड

चौथा तल, ईस्ट टावर, एन. बी. सी. सी. प्लेस, भीष्म पितामह मार्ग, प्रगति विहार, लोधी रोड, नई दिल्ली -110003

NATIONAL BOARD OF ACCREDITATION

4th Floor, East Tower, NBCC Place, Bhisham Pitamah Marg, Pragati Vihar, Lodhi Road, New Delhi 110003



F.No- 33-85/2010-NBA

Date: 09-06-2022

To
The Principal
Rajalakshmi Engineering College,
Rajalakshmi Nagar Thandalam,
Chennai- 602 105, Tamil Nadu

Subject: Accreditation status of programs applied by Rajalakshmi Engineering College, Rajalakshmi Nagar Thandalam, Chennai- 602 105, Tamil Nadu.

Sir,

This has reference to your application I.D. No. 6123-30/11/2021 seeking accreditation by National Board of Accreditation to UG Engineering programs offered by **Rajalakshmi Engineering College, Rajalakshmi Nagar Thandalam, Chennai- 602 105, Tamil Nadu.**

2. An Expert Team conducted onsite evaluation of the programs from 8th to 10th April, 2022. The report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The Competent Authority in NBA has approved the following accreditation status to the programs as given in the table below:

Sl. No.	Name of the Program(s) (UG)	Basis of Evaluation	Accreditation Status	Period of validity	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	Aeronautical Engineering	Tier-I January 2016 Document	Accredited	Academic Years 2022-2023 to 2024-2025 i.e. upto 30-06-2025	Accreditation status granted is valid for the period indicated in Col.5 or till the program has the approval of the Competent Authority, whichever is earlier
2.	Automobile Engineering		Accredited		
3.	Biotechnology		Accredited		
4.	Computer Science & Engineering		Accredited		
5.	Mechanical Engineering		Accredited		

3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

4. The programs have been granted accreditation for 3 years. **Rajalakshmi Engineering College, Rajalakshmi Nagar Thandalam, Chennai- 602 105, Tamil Nadu** should submit the Compliance Report at least six months before the expiry of validity of accreditation mentioned above so as to be eligible for consideration by the concerned Committee in NBA for further processing of the accreditation status.

5. The accreditation status awarded to the programs as indicated in the above table does not imply that the accreditation has been granted to **Rajalakshmi Engineering College, Rajalakshmi Nagar Thandalam, Chennai- 602 105, Tamil Nadu** as a whole. As such the Institution should nowhere along with its name including on its letter head etc. write that it is accredited by NBA because it is program accreditation and not Institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously. Complete name of the program(s) accredited, level of program(s) and the period of validity of accreditation, as well as the Academic Year from which the accreditation is effective should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.

Contd./...

6. The accreditation status of the above programs is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited programs as indicated in the table in paragraph 2, appears on the website and information bulletin of the Institute.
7. The accreditation status awarded to the programs as indicated in table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.
8. A copy each of the Report of Chairman of the Visiting Team and Evaluators' Reports in respect of the above programs is enclosed.
9. If the Institute is not satisfied with the decision of NBA, it may appeal within thirty days of receipt of this communication giving reasons for the same and by paying the requisite fee.

Yours faithfully,



(Dr. Anil Kumar Nassa)
Member Secretary

- Encls:**
1. Copy of Report of Chairman of the Visiting Team.
 2. Copy each of Expert Reports of the Visiting Team.

Copy to:

1. The Registrar,
Anna University, Guindy
Tamil Nadu-600025
2. The Principal Secretary (Higher Education)
Government of Tamil Nadu
N.K.M. Building, 6th Floor, Secretariat
Chennai-600009
Tamil Nadu
3. The Commissioner,
Directorate of Technical Education
Sardar Patel Road, Guindy
Chennai-600025, Tamil Nadu
4. Accreditation File
5. Master Accreditation file of the State

राष्ट्रीय प्रत्यायन बोर्ड

चौथा तल, ईस्ट टावर, एन. बी. सी. सी. प्लेस, भीष्म पितामह मार्ग, प्रगति विहार, लोधी रोड, नई दिल्ली -110003
NATIONAL BOARD OF ACCREDITATION
4th Floor, East Tower, NBCC Place, Bhisham Pitamah Marg, Pragati Vihar, Lodhi Road, New Delhi 110003



File No. 33-85/2010-NBA

Date: 16-08-2022

To,
The Principal
Rajalakshmi Engineering College,
Rajalakshmi Nagar Thandalam,
Chennai- 602 105, Tamil Nadu

Subject: Accreditation status of programs applied by Rajalakshmi Engineering College, Rajalakshmi Nagar Thandalam, Chennai- 602 105, Tamil Nadu.

Sir,

This has reference to your application I.D. No. 6125-30/11/2021 seeking accreditation by National Board of Accreditation to the UG Engineering and PG Engineering programs offered by **Rajalakshmi Engineering College, Rajalakshmi Nagar Thandalam, Chennai- 602 105, Tamil Nadu.**

2. An Expert Team conducted onsite evaluation of the programs from **10th to 12nd June, 2022**. The report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The Competent Authority in NBA has approved the following accreditation status to the programs as given in the table below:

Sl. No.	Name of the Program(s)	Level	Basis of Evaluation	Accreditation Status	Period of validity	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.	Biomedical Engineering	UG	Tier – I January 2016 Document	Accredited	Academic Years 2022-2023 to 2024-2025 i.e. upto 30-06-2025	Accreditation status granted is valid for the period indicated in Col.6 or till the program has the approval of the Competent Authority, whichever is earlier
2.	Electrical & Electronics Engineering	UG		Accredited		
3.	Information Technology	UG		Accredited		
4.	Mechatronics Engineering	UG		Accredited		
5.	Biotechnology	PG	May, 2017 Document	Accredited		

3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

4. In case of the UG Engineering programs which have been granted accreditation for 3 years, **Rajalakshmi Engineering College, Rajalakshmi Nagar Thandalam, Chennai- 602 105, Tamil Nadu** should submit the Compliance Report for these programs at least six months before the expiry of validity of accreditation mentioned above so as to be eligible for consideration by the concerned Committee in NBA for further processing of the accreditation status.

Contd./_

5. The accreditation status awarded to the programs as indicated in the above table does not imply that the accreditation has been granted to **Rajalakshmi Engineering College, Rajalakshmi Nagar Thandalam, Chennai- 602 105, Tamil Nadu** as a whole. **As such the Institution should nowhere along with its name including on its letter head etc. write that it is accredited by NBA because it is program accreditation and not Institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously.** Complete name of the program(s) accredited, level of program(s) and the period of validity of accreditation, as well as the Academic Year from which the accreditation is effective should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.

6. The accreditation status of the above programs is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited programs as indicated in the table in paragraph 2, appears on the website and information bulletin of the Institute.

7. The accreditation status awarded to the programs as indicated in table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.

8. A copy each of the Report of Chairman of the Visiting Team and Evaluators' Reports in respect of the above programs is enclosed.

9. If the Institute is not satisfied with the decision of NBA, it may appeal within thirty days of receipt of this communication giving reasons for the same and by paying the requisite fee.

Yours faithfully,

(Dr. Anil Kumar Nassa)
Member Secretary

Encls.: 1. Copy of Report of Chairman of the Visiting Team.
2. Copy each of Expert Reports of the Visiting Team.

Copy to:

1. The Registrar,
Anna University, Guindy
Tamil Nadu-600025
2. The Principal Secretary (Higher Education)
Government of Tamil Nadu
N.K.M. Building, 6th Floor, Secretariat
Chennai-600009
Tamil Nadu
3. The Commissioner,
Directorate of Technical Education
Sardar Patel Road, Guindy
Chennai-600025, Tamil Nadu
4. Accreditation File
5. Master Accreditation file of the State

राष्ट्रीय प्रत्यायन बोर्ड

चौथा तल, ईस्ट टावर, एन. बी. सी. सी. प्लेस, भीष्म पितामह मार्ग, प्रगति विहार, लोधी रोड, नई दिल्ली - 110003
NATIONAL BOARD OF ACCREDITATION
4th Floor, East Tower, NBCC Place, Bhisham Pitamah Marg, Pragati Vihar, Lodhi Road, New Delhi 110003



File No. 33-85/2010-NBA

Date 17-06-2022

To
The Principal
Rajalakshmi Engineering College,
Rajalakshmi Nagar Thandalam,
Chennai- 602 105, Tamil Nadu

Subject: Further accreditation status on the basis of Compliance Report of the programs in Tier-II offered by Rajalakshmi Engineering College, Rajalakshmi Nagar Thandalam, Chennai- 602 105, Tamil Nadu.

Sir,

This is regarding Compliance Report submitted by **Rajalakshmi Engineering College, Rajalakshmi Nagar Thandalam, Chennai- 602 105, Tamil Nadu** for the UG Engineering programs which were accredited by NBA in Tier-II for academic years 2019-20 to 2021-22 whose validity of accreditation would expire on 30.06.2022.

2. An Expert Team conducted data verification of the programs on 15th May, 2022. The report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The Competent Authority in NBA has approved the following accreditation status to the programs as given in the table below:

Sl. No	Name of the Program(s) (UG)	Basis of Evaluation	Accreditation Status	Period of validity	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	Civil Engineering	Tier-II June 2015 Document	Accredited	Academic Years 2022-2023 to 2024-2025 i.e. upto 30-06-2025	Accreditation status granted is valid for the period indicated in Col.5 or till the program has the approval of the Competent Authority, whichever is earlier
2.	Electronics & Communication Engineering		Accredited		

3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

4. The programs have been granted accreditation for further 3 years. **Rajalakshmi Engineering College, Rajalakshmi Nagar Thandalam, Chennai- 602 105, Tamil Nadu** should submit fresh online application through eNBA portal at least five months before the expiry of validity of accreditation mentioned above.

5. The accreditation status awarded to the programs as indicated in the above table does not imply that the accreditation has been granted to **Rajalakshmi Engineering College, Rajalakshmi Nagar Thandalam, Chennai- 602 105, Tamil Nadu** as a whole. **As such the Institution should nowhere along with its name including on its letter head etc. write that it is accredited by NBA because it is program accreditation and not Institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously.** Complete name of the program(s) accredited, level of program(s) and the period of validity of accreditation, as well as the Academic Year from which the accreditation is effective should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.

6. The accreditation status of the above programs is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited programs as indicated in the table in paragraph 2, appears on the website and information bulletin of the Institute.

Contd./...

7. The accreditation status awarded to the programs as indicated in table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.

8. A copy each of Report of the Visiting Team in respect of the above programs is enclosed.

Yours faithfully,



(Dr. Anil Kumar Nassa)
Member Secretary

Encls: Copy each of Report of the Visiting Team in respect of the programs.

Copy to:

1. The Registrar,
Anna University, Guindy
Tamil Nadu-600025
2. The Principal Secretary (Higher Education)
Government of Tamil Nadu
N.K.M. Building, 6th Floor, Secretariat
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Tamil Nadu
3. The Commissioner,
Directorate of Technical Education
Sardar Patel Road, Guindy
Chennai-600025, Tamil Nadu
4. Accreditation File
5. Master Accreditation file of the State

MEGANATHAN
ABHAY SHANKAR

Digitally signed by
MEGANATHAN ABHAY SHANKAR
Date: 2023.04.26 15:29:22 +05'30'



APPROVAL PROCESS 2023-24

Extension of Approval (EoA)

F.No. Southern/1-36445236211/2023/EOA

Date: 10-Jun-2023

To,

The Principal Secretary
(Higher Education) Govt. of Tamil Nadu,
N. K. M. Bld. 6th Floor Secretariat,
Chennai-600009

Sub: Extension of Approval for the Academic Year 2023-24

Ref: Online application of the Institution submitted for Extension of Approval for the Academic Year 2023-24

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Education) Regulations, 2020 notified on 4th February 2020 and amended on 24th February 2021 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to:

Permanent Id	1-5182261	Application Id	1-36445236211
Name of the Institution	RAJALAKSHMI ENGINEERING COLLEGE (ENGINEERING & TECHNOLOGY)	Name of the Society/Trust	RAJALAKSHMI EDUCATIONAL TRUST
Institution Address	RAJALAKSHMI NAGAR, THANDALAM, CHENNAI -602105 TAMIL NADU, CHENNAI, KANCHIPURAM, Tamil Nadu, 602105	Society/Trust Address	K 67 ANNA NAGAR EAST, CHENNAI., CHENNAI, CHENNAI, Tamil Nadu, 600102
Institution Type	Private-Self Financing	Region	Southern
Year of Establishment	1997		

To conduct following Courses with the Intake indicated below for the Academic Year 2023-24

Level	Program	Course	Affiliating Body (University /Body)	Intake Approved for 2022-23	Intake Approved for 2023-24	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	AERONAUTICAL ENGINEERING	Anna University, Chennai	60	60*	Yes	Yes
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	ARTIFICIAL INTELLIGENCE (AI) AND DATA SCIENCE	Anna University, Chennai	60	180	NA	No

Level	Program	Course	Affiliating Body (University /Body)	Intake Approved for 2022-23	Intake Approved for 2023-24	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Anna University, Chennai	180	180	NA	No
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	AUTOMOBILE ENGINEERING	Anna University, Chennai	30	30	Yes	Yes
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	BIOMEDICAL ENGINEERING	Anna University, Chennai	120	120	Yes	Yes
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	BIOTECHNOLOGY	Anna University, Chennai	180	180	Yes	Yes
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	CHEMICAL ENGINEERING	Anna University, Chennai	60	60	Yes	Yes
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	CIVIL ENGINEERING	Anna University, Chennai	60	60	Yes	Yes
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND BUSINESS SYSTEM	Anna University, Chennai	120	120	NA	No
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND DESIGN	Anna University, Chennai	60	60	NA	No
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING	Anna University, Chennai	300	300*	Yes	Yes
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY)	Anna University, Chennai	0	60##	NA	No
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	ELECTRICAL AND ELECTRONICS ENGINEERING	Anna University, Chennai	120	120	Yes	Yes

Level	Program	Course	Affiliating Body (University /Body)	Intake Approved for 2022-23	Intake Approved for 2023-24	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	ELECTRONICS & COMMUNICATION ENGG	Anna University, Chennai	240	240*	Yes	Yes
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	FOOD TECHNOLOGY	Anna University, Chennai	60	60	Yes	Yes
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	INFORMATION TECHNOLOGY	Anna University, Chennai	180	240*	Yes	Yes
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	Anna University, Chennai	120	120	Yes	Yes
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	MECHATRONICS ENGINEERING	Anna University, Chennai	60	60	Yes	Yes
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	ROBOTICS AND AUTOMATION	Anna University, Chennai	60	60	NA	No
POST GRADUATE	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING	Anna University, Chennai	18	18	Yes	Yes
POST GRADUATE	ENGINEERING AND TECHNOLOGY	COMMUNICATION SYSTEMS	Anna University, Chennai	18	18	Yes	Yes
POST GRADUATE	ENGINEERING AND TECHNOLOGY	BIOTECHNOLOGY	Anna University, Chennai	24	24	Yes	Yes
POST GRADUATE	ENGINEERING AND TECHNOLOGY	ENGINEERING DESIGN	Anna University, Chennai	9	9	Yes	Yes
POST GRADUATE	ENGINEERING AND TECHNOLOGY	MEDICAL ELECTRONICS	Anna University, Chennai	18	18	Yes	Yes

Level	Program	Course	Affiliating Body (University /Body)	Intake Approved for 2022-23	Intake Approved for 2023-24	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
POST GRADUATE	ENGINEERING AND TECHNOLOGY	EMBEDDED SYSTEMS TECHNOLOGIES	Anna University, Chennai	18	18	Yes	Yes
POST GRADUATE	ENGINEERING AND TECHNOLOGY	AVIONICS	Anna University, Chennai	18	9**	Yes	Yes
POST GRADUATE	ENGINEERING AND TECHNOLOGY	DATA SCIENCE	Anna University, Chennai	18	18	NA	No

Approved New Course(s)

*Collaborating Foreign University:

**Intake reduced due to the admissions less than or equal to 30% of the initial "Approved Intake" for the past 5 years consistently

It is mandatory to comply with all the essential requirements as given in APH 2023-24 (Appendix 6)

Important Instructions

1. The State Government/ UT/ Directorate of Technical Education/ Directorate of Medical Education shall ensure that 10% of reservation for Economically Weaker Section (EWS) as per the reservation policy for admission, operational from the Academic year 2019-20 is implemented without affecting the reservation percentages of SC/ ST/ OBC(NCL) / General. However, this would not be applicable in the case of Minority Institutions referred to the Clause (1) of Article 30 of Constitution of India. Such Institution shall be permitted to increase in annual permitted strength over a maximum period of two years.
2. The Institution offering courses earlier in the Regular Shift, First Shift, Second Shift/Part Time are now amalgamated as total intake and shall have to fulfil all facilities such as Infrastructure, Faculty and other requirements as per the norms specified in the Approval Process Handbook 2023-24 for the Total Approved Intake. Further, the Institutions Deemed to be Universities/ Institutions having Accreditation/ Autonomy status shall have to maintain the Faculty: Student ratio as specified in the Approval Process Handbook.
3. Strict compliance of Anti-Ragging Regulation, Establishment of Committee for SC/ ST, Establishment of Internal Committee (IC), Establishment of Online Grievance Redressal Mechanism, Barrier Free Built Environment for disabled and elderly persons, Fire and Safety Certificate should be maintained as per the provisions made in Approval Process Handbook and AICTE Regulation notified from time to time.
4. In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.
5. As per the AICTE Notification dated 29.01.2014 and amended thereto, it shall be mandatory for each Technical Education Institution, University Department and Institution Deemed to be University imparting Technical Education to get accreditation (NBA) for at least 60% of the eligible courses in the next ONE (1) Years' time, otherwise EoA for the subsequent Academic Year (A.Y. 2024-25) shall not be issued by the Council.
6. Deemed to be University: Institutions Deemed to be Universities (Running Technical Education Programmes), it is mandatory to have AICTE approval from the Academic Year 2018-19 in compliance of the Hon'ble Supreme Court Order dated 03-11-2017 passed in CA No.17869- 17870 /2017.

Prof.Rajive Kumar
Member Secretary, AICTE

Copy to:

1. **The Director Of Technical Education****, Tamil Nadu
2. **The Registrar****,
Anna University, Chennai
3. **The Principal / Director**,
RAJALAKSHMI ENGINEERING COLLEGE (ENGINEERING & TECHNOLOGY)
Rajalakshmi Nagar,
Thandalam,
Chennai -602105
Tamil Nadu,
Chennai,Kanchipuram,
Tamil Nadu,602105
4. **The Secretary / Chairman**,
K 67 ANNA NAGAR EAST,
CHENNAI.
CHENNAI,CHENNAI
Tamil Nadu,600102
5. **Guard File(AICTE)**

Note: Validity of the Course details may be verified at <http://www.aicte-india.org/>

** Individual Approval letter copy will not be communicated through Post/Email. However, a consolidated list of Approved Institutions(bulk) may be downloaded from the respective login id's.

This is a computer generated Statement. No signature Required



RAJALAKSHMI
ENGINEERING COLLEGE
An AUTONOMOUS Institution
Affiliated to ANNA UNIVERSITY, Chennai

IIC ANNUAL REPORT

2022 - 2023



**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of Education Initiative)

RAJALAKSHMI ENGINEERING COLLEGE

AN AUTONOMOUS INSTITUTION

RAJALAKSHMI NAGAR, THANDALAM, CHENNAI 602 105

TAMIL NDAU, INDIA

INSTITUTION'S INNOVATION COUNCIL 5.0 – 2022-23 ANNUAL REPORT

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B	Brief mention of key functionaries at the IIC Institute
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	E4	No. Of IPs Generated, Published And Granted
	E5	Amount spent on promotion and awareness generation on Innovation Entrepreneurship in the campus
	E6	Amount grant or fund supported to student & Faculty lead Innovations, start-ups and IPR
	E7	No. of Technology Transfer and Commercialization happened
F	Highlight Few Best IIC Faculty/Student Members And Their Achievements/ Rewarded For Innovations At Different Forum	
G	Highlight Selected Best Innovations & Images With Mention Of Inventor/Innovation Name	
H	Highlight Selected Start-Ups Established By Students/Faculties With Mention Of Founder/Cofounder Name	
I	List If Any Break Through Innovations / Technology Developed At The Institute (2-3 Technology With 2-3 Lines About Technology And Innovation	
J	Participation Of IIC-Institute In Various Programs Of Central And Stage Govt. Highlighting Specially For The Schemes Or Programs	
	J1	ARIIA – participation and Rank
	J2	NISP Adoption status - Trained Faculty, Policy Formulation, Policy Implementation
	J3	Smart India Hackathon etc.
K	Detail Of Social Media & Connections Of IIC Institute	
L	Testimonials From IIC Members and External About IIC Institute And IIC Of MOE's Innovation Cell	
M	Images	
N	Contact	



A. ABOUT IIC INSTITUTE

RAJALAKSHMI ENGINEERING COLLEGE

Rajalakshmi Engineering College, an autonomous institution affiliated to Anna University, Chennai, was established in the year 1997 under the aegis of Rajalakshmi Educational Trust whose members have had consummate experience in the fields of education and industry. The College has grown from strength to strength in the last 20 years and progressing towards Excellence in Engineering Education, Research and Development.

Started with 3 Under Graduate programmes in Engineering with an annual intake of 180 students in 1997, the College presently offers 12 Under Graduate and 10 Post Graduate programmes, with an annual intake of 1950 students. The approval of AICTE and affiliation of the Anna University for such a progressive intake is a standing testimony for the continuous growth of the college over the years. 9 of our Departments are recognized as Research Centers of Anna University to conduct Ph.D. and M.S. (By Research) programmes and many scholars have obtained Ph.D. through these research centres.

Ours is one among the few Colleges to receive accreditation for nine Under Graduate Engineering programmes from the National Board of Accreditation (NBA), New Delhi, as soon as attaining the eligibility to apply for accreditation. The College is accredited by the National Assessment and Accreditation Council (NAAC) with 'A' Grade. The college has also secured 12(b) status from UGC. Anna University, Chennai has granted Permanent Affiliation for Eight programmes, viz., B.E. Aeronautical Engineering, B.E. Computer Science and Engineering, B.E. Electronics and Communication Engineering, B.E. Electrical and Electronics Engineering, B.E. Mechanical Engineering, B.Tech. Biotechnology, B.Tech. Information Technology and M.B.A. The Department of Scientific and Industrial Research (DSIR), Government of India has recognized the College as a Scientific and Industrial Research Organization (SIRO), considering its potential for Research and Development activities.



A.1 Vision @ RAJALAKSHMI ENGINEERING COLLEGE

To be an institution of excellence in Engineering, Technology and Management Education & Research. To provide competent and ethical professionals with a concern for society

A.1 Mission @ RAJALAKSHMI ENGINEERING COLLEGE

To impart quality technical education imbued with proficiency and humane values. To provide right ambience and opportunities for the students to develop into creative, talented and globally competent professionals. To promote research and development in technology and management for the benefit of the society.

The major assets of the Rajalakshmi Engineering College

- Eminent and well experienced faculty
- Research Centre Facility
- NAAC 'A++' Grade awarded Institution
- NBA Accredited departments
- Accredited by Tata Consultancy Services
- ISO certified
- MoUs on important issues such as research, academic/cultural exchange and industry interaction
- Career guidance cell
- Entrepreneurship Development Cell
- IPR Cell
- Value addition in terms of employment and higher studies
- Dedicated Placement Department

A.2 VISION OF INSTITUTION'S INNOVATION COUNCIL @ REC

- To achieve recognition as an institution of excellence in innovation promotion ecosystem.

A.3 MISSION OF INSTITUTION'S INNOVATION COUNCIL @REC

- Conduct periodic workshops/seminars to expose and promote innovative thinking
- Network with entrepreneur development cell
- Organize idea contests to showcase the innovative ideas
- Define and direct focused technical innovations targeting national priorities



- Follow guidelines recommended by MHRD's IIC initiative

A.4 JOURNEY OF INSTITUTION'S INNOVATION COUNCIL @ REC

The Institution's Innovation Council has been constituted as prescribed by MHRD-IIC initiative. The activities of the council are carried out on a programmed schedule to promote innovative thinking among the students. IIC activities are managed through two cells within the institution to handle and promote innovative thinking namely Innovative Project Cell (IPC) and Intellectual Property Rights (IPR) Cell. Workshops/Seminars to improve the cognitive ability and boot camp for entrepreneurship development are organized periodically for the students. The IPC conducts idea contests regularly to showcase and recognize innovative ideas and IPR provides motivation and guidelines to incubate ideas for start-ups.

- First Year of Entry 2018 - 2 Star rating
- Second Year IIC2.0 – 4.5 Start Rating
- Third Year IIC 3.0 – 4.0 Star Rating
- Fourth Year IIC 4.0 – 4.0 Start Rating

A.5 DIVERSIFIED REPRESENTATION IN IIC ESTABLISHED AT THE INSTITUTES FROM INDUSTRY

In this academic year the guest speakers from diversified domain and sector visited to deliver the guest lecture on the thrust areas such as Additive manufacturing, Advanced Manufacturing System, Industry 4.0, Blockchain Technology, Cyber Physical System, Embedded System, High Voltage, Renewable Energy Systems, Quantum Computing etc. The delegates from industries such as Hyundai, Ford, Renault Nissan, Daimler, Royal Enfield, Qmax System, HCL Technologies, Infosys, TCS, CTS, ZOHO, DST, ISRO, Lucas TVS, Rane Madras etc. Academic delegates are from IIT Madras, IIT Thirupathi, IIT Hyderabad, NIT Warangal, NIT Tiruchy, NIT Surathkal, IIT Bombay, IIITDM, etc

B. FUNCTIONARIES OF IIC AT REC

B.1 PRESIDENT – KEY FUNCTIONALITY



- Conduct the Quarterly Meeting
- Planning of activities in each Quarter based on Theme suggested by IIC
- Analyze the Gap and Fall-off in each quarter
- Motivate the Conveners and Coordinators
- Directing the Conveners and Coordinators to undergo the Innovation Ambassador Training
- Organize the Student-centered programs with the focus towards Innovation, Startup, IPR & Entrepreneurship

B.2 CONVENOR - KEY FUNCTIONALITY

- Coordinate with the president and the Quarterly Meeting
- Monitoring of Activities Organized by each department and direct the Department IIC coordinators
- Motivate the IIC Coordinators to organize the Special lectures on the theme instructed by IIC in each quarter
- Share the national level competition / hackathon's organized by IIC or partnering Institutes to the faculty and students in their departments
- Assigning the IIC Coordinator for Innovation Ambassador Training – Basic and Advanced Level
- To coordinate the IIC coordinators and student members to participate in the Special lectures conducted by the IIC and share the information to all the faculty and students
- Motivate the Innovation Ambassadors have to provide the orientation programme and in the themes of IIC suggested at the Home Institute level and Outside institutes

B.3 COORDINATOR's - KEY FUNCTIONALITY

- Organize the Special lectures on the theme instructed by IIC in each quarter at their department level
- Share the national level competition / hackathon's organized by IIC or partnering Institutes to the faculty and students in their departments



- Undergo the Innovation Ambassador Training – Basic and Advanced Level
- To participate in the Special lectures conducted by the IIC and share the information to all the faculty and students
- Innovation Ambassador's have to provide the orientation programme at the Home Institute level and Outside institutes

C. PORTFOLIO / GRAPHICAL / TABULAR REPRESENTATION OF RESOURCE STRENGTH (HUMAN CAPITAL AND PHYSICAL CAPITAL) OF THE IIC INSTITUTION

C.1 Total Number of IIC Member

**RAJALAKSHMI ENGINEERING COLLEGE
(An Autonomous Institution)**

IIC 5.0 Faculty List - AY 2022-2023

S.No	Name of the Member	Designation	Description	Department
1	Dr S.N. Murugesan	Institution Head	Innovation Ambassador	MECH
2	Dr S.P. Srinivasan	President	Innovation Ambassador	MECH
3	Dr A Paramasivam	Convenor	Innovation Ambassador	MECH
4	Dr.C. B Ragothaman	Coordinator	Innovation Ambassador	MBA
5	Mr B.R. Gopi	IT-Manager	Innovation Ambassador	Admin IT
6	Dr.Surendra Bogadi	IIC Member	Innovation Ambassador	AERO
7	Dr. B.Mullai Sudaroli	IIC Member	Innovation Ambassador	AUTO
8	Ms.I.Eugeneberna	IIC Member	Innovation Ambassador	AIML
9	Dr.M.C.Jobin Christ	IIC Member	Innovation Ambassador	BME
10	Dr.N.Padmasini	IIC Member	Innovation Ambassador	BME
11	Dr V Gayathri	IIC Member	Innovation Ambassador	BT
12	Dr R Jayasree	IIC Member	Innovation Ambassador	BT



S.No	Name of the Member	Designation	Description	Department
13	Ms.S Sangeetha Gandhi	IIC Member	Innovation Ambassador	BT
14	Ms S Divya Lakshmi	IIC Member	Innovation Ambassador	BT
15	Ms B Preethi	IIC Member	Innovation Ambassador	BT
16	Dr.S.Geetha	IIC Member	Innovation Ambassador	CIVIL
17	Dr.P.Revathy	IIC Member	Innovation Ambassador	CSD
18	Mr.S.Sureshkumar	IIC Member	Innovation Ambassador	CSE
19	Mr.J.Manikandan	IIC Member	Innovation Ambassador	CSE
20	Mr.G.Saravana Gokul	IIC Member	Innovation Ambassador	CSE
21	Ms.S.Shalini	IIC Member	Innovation Ambassador	CSE
22	Dr K Devaki	IIC Member	Innovation Ambassador	CSBS
23	Mrs.S.Bhagyalakshmi	IIC Member	Innovation Ambassador	CSBS
24	Dr T Manikandan	IIC Member	Innovation Ambassador	ECE
25	Dr. L.Bhagyalakshmi	IIC Member	Innovation Ambassador	ECE
26	Mr.R.Sathya	IIC Member	Innovation Ambassador	ECE
27	Mr.Sudharshan	IIC Member	Innovation Ambassador	ECE
28	Dr.A.Asha	IIC Member	Innovation Ambassador	ECE
29	Dr A Selvaraj	IIC Member	Innovation Ambassador	EEE
30	Mr.D Shyam	IIC Member	Innovation Ambassador	EEE
31	Dr.C.Kamalakaran	IIC Member	Innovation Ambassador	EEE
32	Dr.R.Kalaivani	IIC Member	Innovation Ambassador	EEE



S.No	Name of the Member	Designation	Description	Department
33	Dr.B.Lakshmi	IIC Member	Innovation Ambassador	English
34	Dr G.Geetha	IIC Member	Innovation Ambassador	IT
35	Dr S Nalini	IIC Member	Innovation Ambassador	IT
36	Dr.C.B.Ragouthaman	IIC Member	Innovation Ambassador	MBA
37	Dr.S.Dhandapani	IIC Member	Innovation Ambassador	Mech
38	Mr.R.Dhananraj	IIC Member	Innovation Ambassador	Mech
39	Dr.E.Shankar	IIC Member	Innovation Ambassador	Mech
40	Mr.P.T.Dineshkumar	IIC Member	Innovation Ambassador	Mech
41	Nr.R.Ragavendiran	IIC Member	Innovation Ambassador	Mech
42	Mr.G.Nareshbabu	IIC Member	Innovation Ambassador	MCT
43	Dr.Rubarani P Gangadharan	IIC Member	Innovation Ambassador	Physics
44	Mr.Vimalanathan	IIC Member	Innovation Ambassador	R&A
45	Dr. S. Geetha	IIC Member	Innovation Ambassador	CIVIL
46	Dr.K.Mageshwaran	IIC Member	Innovation Ambassador	Maths
47	Mrs.T.Manonmani	IIC Member	Innovation Ambassador	Food Tech
48	Dr. N. T. Mary Rosana	IIC Member	Innovation Ambassador	Chemical
49	Dr.P.Ramadevi	IIC Member	Innovation Ambassador	Chemistry

C.2 Total Number Of Innovation Ambassador IIC Member : 33

C.3 Total Number Of Advanced Level Innovation Ambassador IIC Member - 15

C.4 Total Number Of Mentor's As IIC Member - 08

C.5 Total No. of faculty Mentors From Portal - 05



Figure 1 – IIC Members of REC

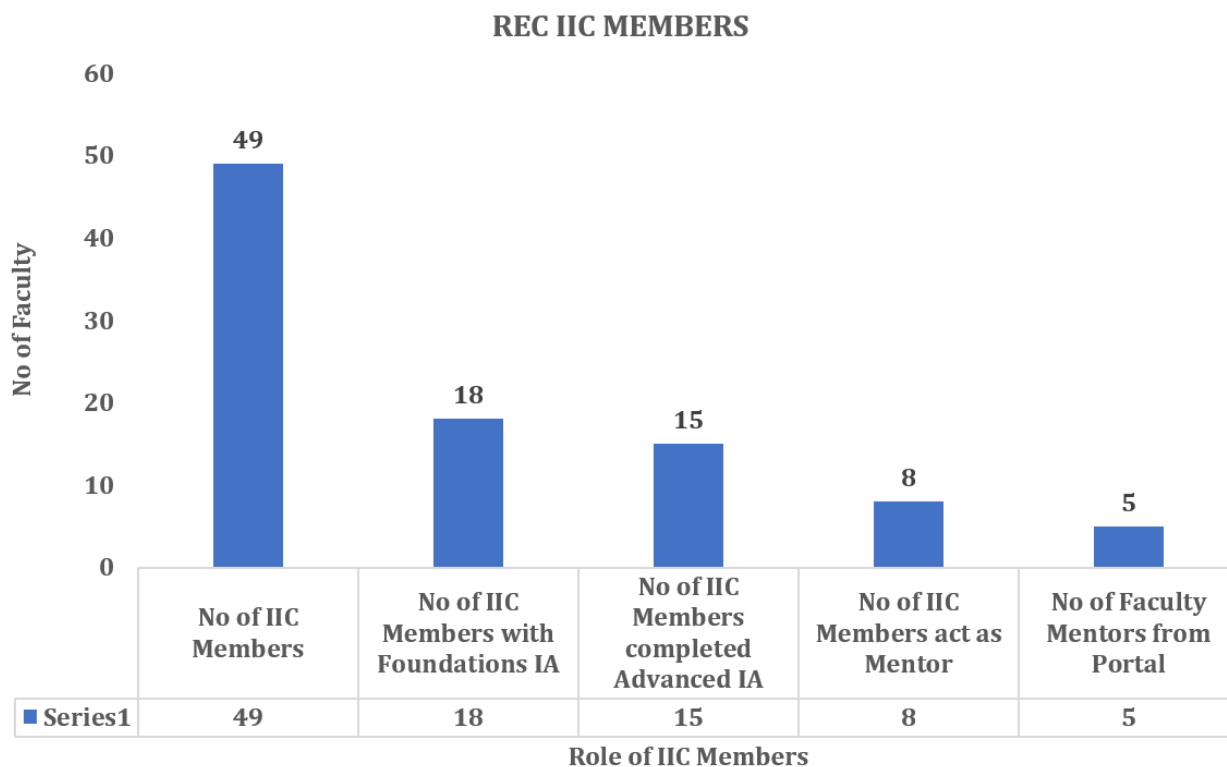


Figure 2 REC IIC Members Role



REC IIC MEMBERS

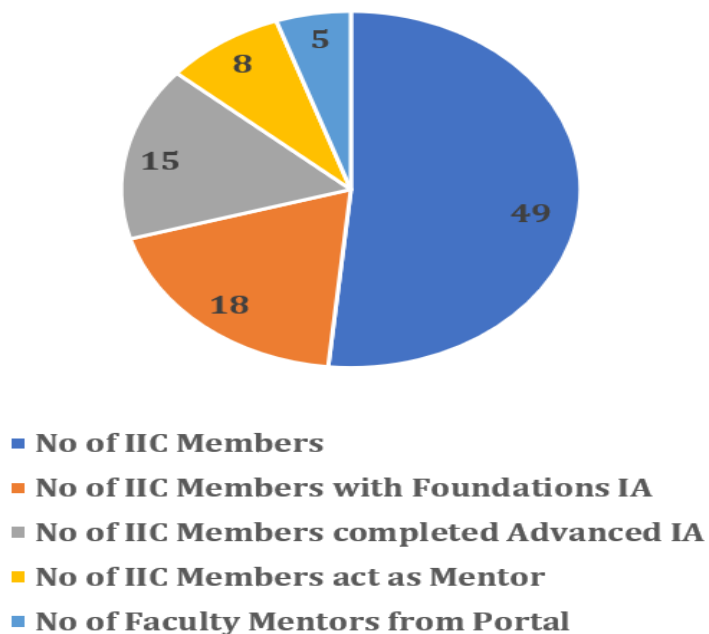


Figure 3 REC IIC Members

C.6 Pre-Incubation Unit : 02

C.7 Incubation Unit : 24

C.8 INTELLECTUAL PROPERTY CELL : 01

C.9 NISP Cell – 01

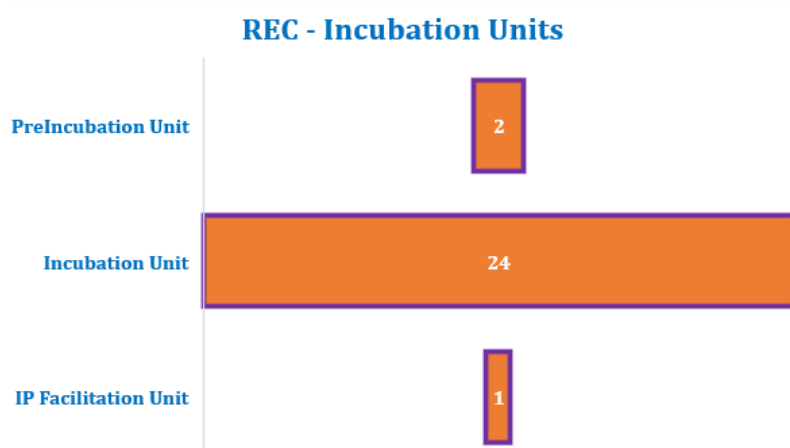


Figure 4 REC Incubation Units



INTELLECTUAL PROPERTY RIGHTS CELL

Vision – IPR CELL

To be a centre of excellence in providing an ambience to transform innovative thinking into product ideas that lead to start-ups and entrepreneurship ventures.

Mission – IPR CELL

To identify and protect intellectual properties created by faculty and students of the institution that have value in providing innovative solutions as well as support entrepreneurship and start-ups to build useful products.

1. Dr.V.Gayathri, AoP, BT	- Coordinator for Patent
2. Dr.Priya Vijay, Professor & HoD, IT	- Coordinator for Projects
3. Dr.M. Millicent Mable, AoP, BT	
4. Dr.A.Selvaraj, Professor, EEE	
5. Dr.R.Shanthi, Professor & HoD, MECH	
6. Dr.E.Shankar, AP (SG), MECH	
7. Dr.B.Priya, Professor, ECE	
8. Mr.V.Kanagaraj, AP (SG), MCT	
9. Mr.P.Pavan, AP(SS), AUTO	
10. Mr.M.Manoharan, Asst.Prof., Civil Engineering	
11. Dr.K.Anand, AoP, CSE	
12. Dr.M.C.Jobin Christ, Professor, BME	
13. Mrs.A.Srimagal, Asst.Prof., FT	
14. Dr.K.L.Vincent Joseph, Professor, Chemical Engg.	
15. Dr. D. Udhayakumari, AP, Chemistry	



AY	Number of Patents			Amount Spent for IPR
	Filed	Published	Granted	
2018-2019	9	9	1	Rs.4.16 Lakhs
2019-2020	22	2	3	Rs.5.72 Lakhs
2020-2021	30	15	12	Rs.1.03 Lakhs
2021-2022	74	70	20	Rs. 5.49 Lakhs
2022-2023	86	60	22	Rs.4.25 Lakhs

No of Ideas Generated and Prototype developed by Students and Faculty

AY	Innovation / Prototypes Developed Faculty	Innovation / Prototypes Developed Students	Prototype developed	Amount Spent
2018-2019	116	136	6	4.16 Lakhs
2019-2020	120	138	12	5.72 Lakhs
2020-2021	110	178	60	1.03 Lakhs
2021-2022	128	186	112	12.45 Lakhs
2022-2023	145	190	212	18.65 Lakhs

**D. HIGHLIGHT FACILITIES, INFRASTRUCTURE OF PRE-INCUBATION & INCUBATION
KIND AND STUDENT BODIES/CLUBS ENGAGED IN PROMOTION OF INNOVATION
AND ENTREPRENEURSHIP IN THE CAMPUS**

D.1 INCUBATION UNIT

Name: Centre for Sponsored Research &

Consultancy Head : Dr. L. Sujatha,

Professor, ECE

Board Members : Dr. C. R. Muthukrishnan, Advisor, Rajalakshmi Institutions

Chairman, CSRC Advisory: Dr. Natteri. M. Sudharsan, Professor, Mechanical Advisory
Expert, CSRC

Major goals of CSRC include the following:

- Establish and Nurture Research culture
- Develop and Augment Research labs



- Encourage Sponsored Research & Enhance facilities
- Provide Ambience for State-of-the-Art Research
- Engage in Collaborative Research
- Pursue focused research towards International Expertise

Research Lab Facility

Machine Vision Software & Hardware Labs

Clean Rooms Class A 1000 & Class A10,000

MEMS & Micro fluidics

MEMS Design Centre

Numerical Engineering & Simulation Lab

Sustainable Building Materials Research lab

Project Incubation Centre

Biotechnology Research Lab

Chemistry Research Lab

INNOVATION NAME: DEVELOPMENT AND CHARACTERIZATION OF A SURFACE ACOUSTIC WAVE (SAW) MEMS HYDROGEN SENSORS

Abstract:

Surface Acoustic Wave (SAW) sensors are one of the most promising MEMS-based detection systems. It depends on the modulation of Surface Acoustic Waves to detect the target gases. The SAW sensor converts an input electrical signal into an acoustic wave which can be easily influenced under mass loading. The change in amplitude, phase, frequency or time-delay between the input and output electrical signals can be used to measure the presence of Hydrogen. This study focuses on the fabrication of SAW sensor with Palladium as a sensing layer to detect the hydrogen. Palladium film has a property to readily absorb hydrogen atoms. The device is designed and fabricated for resonant frequency of 100MHz on a Lithium Niobate wafer. Finally, the sensors are tested under different concentrations of Hydrogen over a wide concentration range with rapid response time and relatively low power consumption which is very essential. Hence, it is of top priority to develop an indigenous high sensitivity Hydrogen sensor and to study its behaviour.



Figure1 Packaged Device

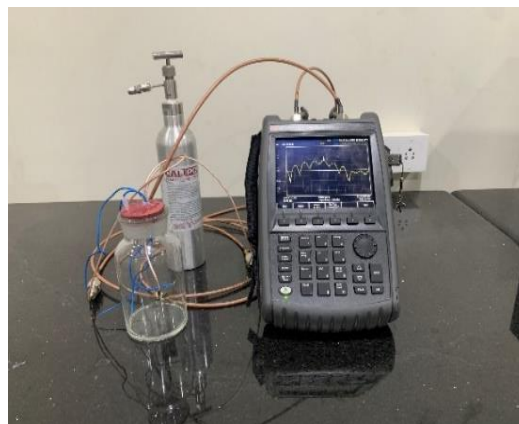


Figure 2 Measurement Setup with Vector Network Analyzer and Testing chamber

SPECIFICATIONS:

S.No	Specification	Range
1	Resonant Frequency	100 MHz
2	Power Limit of detection	000 ppm
3	Safe working limit	000 ppm
4	Response time	sec

D.2 NISP CELL

VISION OF NISP CELL

Rajalakshmi Engineering College (REC) is committed to promote innovation, industrial spirit and Entrepreneurship among their students and faculties and external participant by establishing and promoting start-ups and thereby reduce dependency on job market, consequently making us “Atmanirbhar”. This innovation and start-up will be the kernel for our future education system.

MISSION OF NISP CELL

REC commits itself to technological excellence.

Vision of REC NISP will be attained by multi-pronged approach. Policy document states the salient features of Institute start-up policy. Road map to achieve this vision is stated below.

- Identify students in first year with entrepreneurial background and willing to



have independent career.

- Exposing second year onwards all students to industrial visit, exposing them to the culture of industry.
- Assign start-up-based projects to Eligible freshers.
- Invite entrepreneurs to educate students on entrepreneurship by conducting classes and lecture and to train student entrepreneurs.
- Conduct optional course on subject matter.
- Give adequate flexibility in academic activities for start-up.
- Technology and innovation will be the key consideration for all future performance evaluation.

ENTREPRENEURSHIP DEVELOPMENT CELL

VISION - Entrepreneurship Development Cell

- To identify and empower Student Entrepreneurs for Job Creation and Wealth Generation aiding in the development of the nation.
- To create an entrepreneurial ecosystem that provides the platform for individuals with creative minds and ideas with potential for substantial business opportunities.

Mission - Entrepreneurship Development Cell

- To pragmatically educate the various nuances of Entrepreneurship imbibed with talent nourishment and capacity building.
- To provide the right environment and identify opportunities to develop and empower globally competent entrepreneurs.
- To set up an ecosystem for experimenting, learning and to incubate companies in their early stages of growth.

OBJECTIVES of Entrepreneurship Development Cell

1. To Inculcate the passion and spirit among students to pursue entrepreneurship.
2. To spread the knowledge about entrepreneurship through guest lectures etc.
3. To Motivate students to develop their start-up and to Identify the brightest ideas and platforms and convert them into a business model.

D.2.2 Innovative Project Cell Coordinator:



Dr. Johanna Rajkumar, Professor, Biotechnology

- Every Academic year Innovative project cell, will conduct the events to present the idea generated by students and competition will be carried out.

From this best ideas will be forwarded to patent process.

Student Bodies / Clubs – Student bodies and clubs arrange the events for students to participate and to enhance their social awareness and well-being. Events are regularly organized throughout the year.

- Photography
- Leo club
- Rotaract
- Unison
- EDC
- SEDS
- Enactus
- Yuva YiCii Club
- YRC
- Yazh Tamizh mandram

E Highlight Achievements (Narrative/Graphical/tabular representation)

E.1 IIC EVENTS ORGANIZED QUARTER WISE

Quarter	IIC Calendar Activity		MIC Calendar Activity		Self Driven Activity	Celebration Activity
	Total no	Conducted	Total no	Conducted	Conducted	Conducted
1	7	7	1	1	21	2
2	8	8	2	2	17	5
3	7	7	3	3	25	4
4	8	8	3	3	35	3

E.2 Number and Different types of I&E and IPR activities Conducted

AY	I&E and IPR Activities Descriptions
2018-2019	4 Events
2019-2020	8 Events
2020-2021	10 Events
2021-2022	16 Events
2022-2023	30 Events



E.3 No. of student's & faculty ideas generated

AY	Ideas Generated	
	Faculty	Student
2018-2019	116	136
2019-2020	120	138
2020-2021	110	178
2021-2022	128	186
2022-2023	145	210

F. Highlight few best IIC Faculty/Student members and their achievements/ Rewarded for the innovations at different forum - [Profile of few faculties with 2-3 line of their achievements]



Rajalakshmi Engineering College, has been recognized as a host institution for the implementation of incubations under MSME Innovative Scheme. [HIBIMN002583] from 27th September 2023 at 3rd PMAC Meeting.

Ms.Akshaya, PG -Embedded System, won the 3rd prize of cash award Rs.3 Lakhs in National Level DRDO Dare to Dream Contest 2022.

BioTechnology students bagged the Best Environmental award and Gold Medal in IGEN 2022 held at Paris, France.

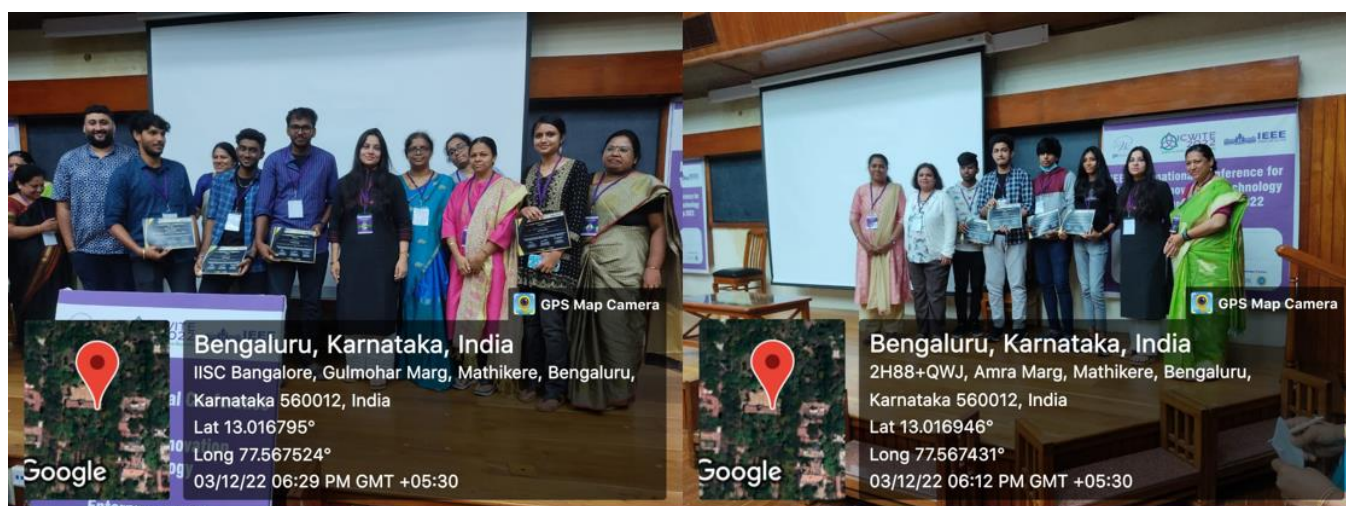


RAJALAKSHMI
ENGINEERING COLLEGE
An AUTONOMOUS Institution
Affiliated to ANNA UNIVERSITY, Chennai

IIC ANNUAL REPORT 2022 - 2023



Tea, Infernoz, students of Mechanical Engineering bags Runners-Up at the New product development Hackathon 2022, at IIT PALS – NEXGEN 3DPRINTING – Competition. During 28th October to 6th November 2022.



Two teams of REC, from AIML and CSE bagged the First Prize and third Place in the 3 days Social Hackathon conducted by IEEE held at IISC Bangalore from 1st December 2022 to 3rd December 2022 in Empowering Women in Innovation. Technology and Entrepreneurship.

Two teams of REC, from AIML and CSE bagged the First Prize and third Place in the 3 days Social Hackathon conducted by IEEE held at IISC Bangalore from 1st December 2022 to 3rd December 2022 in Empowering Women in Innovation. Technology and Entrepreneurship.



Dr.S.P.Srinivasan, Professor & Head, Mechanical Engineering,, received the fellowship in Indian Institution of Industrial Engineering @ 64th National

Dr.S.P.Srinivasan, Professor & Head, Mechanical Engineering,, received the fellowship in Indian Institution of Industrial Engineering @ 64th National Convention of IIIE



Rajalakshmi Engineering College received Engineering Excellence award by the Institution of Engineers at 37th Indian Engineering Congress. 2022.

R Vishal Prasad, V Vedharaman and Sreejith N of ECE and Mustafa Abdullahbhai of II Year CSE, project proposal titled An Electronics Component alternative Selection Tool at IITPALS Lab to Market Event selected to provide solution for the problem statement given by Dextroware Devices Startup Company.



Mechatronics Engineering students – team RECTRONICS won the cash prize of Rs.15000 for the best design and cost presentation in national Electric Bike Competition for Engineering students on 25th and 26th February 2023 at Kumaraguru College of Engineering and Technology, Coimbatore.

H. Highlight selected start-ups established by students/faculties with mention of founder/cofoundername

HIREC students' Start-up of REC-EEE

About the Start-up

HIREC is a students' Start-up of Rajalakshmi Engineering College (Autonomous), Chennai, registered under the Ministry of Micro, Small and Medium Enterprises (MSME), Government of India. It aims at designing and installing a charging station and providing E-cycles for rent, for easy commuting to the students and faculty members of Rajalakshmi Engineering College (Autonomous), Chennai. The start-up is supported by the Centre of Excellence for Electric Vehicles, co-ordinated by the Department of Electrical and Electronics



Engineering. A committee consisting of one faculty member and eleven students has been formed to manage the start-up. The company rents out E-cycles on an hourly basis. It is operational in the Rajalakshmi Engineering College, within the campus, from 16 th March 2022. During the testing period, the E-cycles were rented out in exchange for cash receipts. Later, a mobile application was designed for booking the E-cycles. To facilitate easy payment and to encourage Cashless-transactions, UPI based payment method has been provided in the application.

Members:

- 1. JAINAM S MARDIA – Chief Executive Officer-Final year EEE**
- 2. JAI SREEDHAR G - Chief Operating Officer- Final year EEE**
- 3. MADHAVAN T – Director - Research and Development - Final year EEE**
- 4. MATHEW RAAJ S – Chief Financial Officer- Final year EEE**
- 5. INDHUJA R – Marketing Head- Final year EEE**
- 6. DEVIPRIYA R – Treasurer- Final year EEE**
- 7. AKSHAYA M – Treasurer- Final year EEE**
- 8. SRIMATHI R – Public Relations Officer- Final year EEE**
- 9. SELVA PREVIN R V – Digital Media Manager- Final year EEE**
- 10. MADHUSRI M S – Chief Marketing Manager- Third year EEE**
- 11. SRIDHAR M – Customer Support Representative- Final year EEE**
- 12. VIGNESH PRABHU S – Digital Media Manager- Final year EEE**



UDYAM REGISTRATION CERTIFICATE



UDYAM REGISTRATION NUMBER	UDYAM-TN-02-0114365																							
NAME OF ENTERPRISE	HIREC																							
TYPE OF ENTERPRISE *	MICRO																							
MAJOR ACTIVITY	SERVICES (Trading)																							
SOCIAL CATEGORY OF ENTREPRENEUR	GENERAL																							
NAME OF UNIT(S)	<table border="1"> <thead> <tr> <th>S.No.</th> <th colspan="3">Name of Unit(s)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td colspan="3">HIREC</td> </tr> </tbody> </table>				S.No.	Name of Unit(s)			1	HIREC														
S.No.	Name of Unit(s)																							
1	HIREC																							
OFFICIAL ADDRESS OF ENTERPRISE	<table border="1"> <thead> <tr> <th>Flat/Door/Block No.</th> <th>A6</th> <th>Name of Premises/ Building</th> <th>HIREC</th> </tr> </thead> <tbody> <tr> <td>Village/Town</td> <td>PURASAIWAKKAM</td> <td>Block</td> <td>A6</td> </tr> <tr> <td>Road/Street/Lane</td> <td>No. 9 ,AUDIAPPA STREET</td> <td>City</td> <td>PURASAIWAKKAM</td> </tr> <tr> <td>State</td> <td>TAMIL NADU</td> <td>District</td> <td>CHENNAI , Pin 600084</td> </tr> <tr> <td>Mobile</td> <td>9840857196</td> <td>Email:</td> <td>jainamvardia19@gmail.com</td> </tr> </tbody> </table>				Flat/Door/Block No.	A6	Name of Premises/ Building	HIREC	Village/Town	PURASAIWAKKAM	Block	A6	Road/Street/Lane	No. 9 ,AUDIAPPA STREET	City	PURASAIWAKKAM	State	TAMIL NADU	District	CHENNAI , Pin 600084	Mobile	9840857196	Email:	jainamvardia19@gmail.com
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State	TAMIL NADU	District	CHENNAI , Pin 600084																					
Mobile	9840857196	Email:	jainamvardia19@gmail.com																					
DATE OF INCORPORATION / REGISTRATION OF ENTERPRISE	05/01/2022																							
DATE OF COMMENCEMENT OF PRODUCTION/BUSINESS	05/01/2022																							
NATIONAL INDUSTRY CLASSIFICATION CODE(S)	<table border="1"> <thead> <tr> <th>S.No.</th> <th>NIC 2 Digit</th> <th>NIC 4 Digit</th> <th>NIC 5 Digit</th> <th>Activity</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>45 - Wholesale and retail trade and repair of motor vehicles and motorcycles</td> <td>4520 - Maintenance and repair of motor vehicles</td> <td>45200 - Maintenance and repair of motor vehicles</td> <td>Trading</td> </tr> </tbody> </table>				S.No.	NIC 2 Digit	NIC 4 Digit	NIC 5 Digit	Activity	1	45 - Wholesale and retail trade and repair of motor vehicles and motorcycles	4520 - Maintenance and repair of motor vehicles	45200 - Maintenance and repair of motor vehicles	Trading										
S.No.	NIC 2 Digit	NIC 4 Digit	NIC 5 Digit	Activity																				
1	45 - Wholesale and retail trade and repair of motor vehicles and motorcycles	4520 - Maintenance and repair of motor vehicles	45200 - Maintenance and repair of motor vehicles	Trading																				
DATE OF UDYAM REGISTRATION	15/03/2022																							



Type of Enterprise		Major Activity	
Type of Enterprise	MICRO	Major Activity	Services (Trading)
Type of Organisation	Proprietary	Name of Enterprise	HIREC
Owner Name	SHRI JAINAM S MARDIA	PAN	HIRPM1357J
Do you have GSTIN	No	Mobile No.	9840057196
Email Id	jainamumardia10@gmail.com	Social Category	General
Gender	Male	Specially Abled(DIVYANG)	No
Date of Incorporation	05/01/2022	Date of Commencement of Production/Business	05/01/2022

Bank Details	
Bank Name	IFS Code
IDFC FIRST BANK	IDFB0008104
Bank Account Number	
10081023202	

Employment Details			
Male	Female	Other	Total
5	5	0	10

Investment in Plant and Machinery OR Equipment (in Rs.)										
S.No.	Financial Year	Enterprise Type	Written Down Value (WDV)	Exclusion of cost of Pollution Control, Research & Development and Industrial Safety Devices	Net Investment in Plant and Machinery OR Equipment[(A)-(B)]	Total Turnover (A)	Export Turnover (B)	Net Turnover [(A)-(B)]	Is ITR Filled?	ITR Type
1	2019-20	Micro	0.00	0.00	0.00	0.00	0.00	0.00	No	NA

A Students Start-up

HIREC

HIRE E - CYCLES

Supported by Centre of Excellence in Electric Vehicles
Department of Electrical and Electronics Engineering
Rajalakshmi Engineering College (Autonomous), Chennai- 602 105

25
years
OF
ACADEMIC

HIREC is the students start-up initiated in REC on 16/03/2022

we provide services on renting of E-cycle, conversion of cycles, charging of EV on offline mode and in online mode using our android based APP

RIDE OUR E-CYCLES TO A GREENER TOMORROW

APJ ABDUL KALAM INNOVATIVE PROJECT CELL COMPETITION
LIST OF IPC PROJECTS IN THE YEAR 2022-23

S. No	Name	Year	Title of the Project	Place
1	G. Ragul N. J. Mithun Kumar	III B	Gold in Meat	Dr. D. Shyam
2	L. Gideon Samuel Babu S. Kuber Visnu	II A	Agriculture Vehicle SSC - Seeder, Sprayer and Cutter	Ms. S. Jeni Sofia
3	R. Srimathi	III B	Market to Product	Dr. V. Venkatesh
4	S. Sabarinathan R. Sai Harish H. Santhosh Nivas	IV B	Smart Litter Basket	Dr. R. Essaki Raj
5	T. Jaganbalaji G. Jai Sreedhar	III A	AC Adapter for portable air pumps for Car	Dr. A. Selvaraj
6	S.P. Prakash S. Ramesh Aravind S. Tharanivel	II B	Stationary Vending Machine in Colleges	Mr. S. B. Ron Carter
7	L. Gideon Samuel Babu S. Kuber Visnu	II A	Proposal for excess-6 code converter	Dr. A. Selvaraj

WINNERS OF IPC COMPETITION 2022-23

S. No	Name	Year	Title of the Project	Place
1	G. Ragul N. J. Mithun Kumar	III B	Gold in Meat	FIRST
2	L. Gideon Samuel Babu S. Kuber Visnu	II A	Agriculture Vehicle SSC - Seeder, Sprayer and Cutter	SECOND
3	R. Srimathi	III B	Market to Product	THIRD
4	S. Sabarinathan R. Sai Harish H. Santhosh Nivas	IV B	Smart Litter Basket	THIRD



Gold in Meat

G. Raghul, N.J Mithun Kumar

IIIrd Year, Department of Electrical and Electronics Engineering
Rajalakshmi Engineering College, Thandam, Chennai-602105

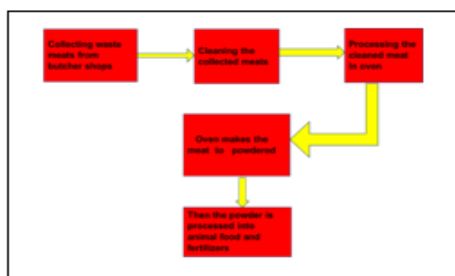
Guide: Dr. D. Shyam

Abstract

The Objective is mainly based on the theme of turning waste to wealth. The core motive of this project is to use the waste generated from the butcher shop to Pet food for animals especially dogs and fishes and Fertilizers for plants. These wastes are recycled in such a way that it does not cause any hazardous odor in our society spoiling environment.

Architectural Design

Meat wastes are collected from the butcher shop through the basket and are transported to the plant. Before sending the meat inside the oven it is thoroughly cleaned and once it has been sent inside the meat is baked and lose its moisture content. Further the content is crushed to make it as powder and molded into desirable shapes. As we know that the waste in the butcher shops are not disposed properly has it is left over on the streets which results in creating bad odor and causes various airborne diseases. So the main Ajanta of this project is to keep the environment clean by converting the waste disposed meat into useful bi-products as pet food and fertilizers. This project involves both manual and technical power. First the waste of chopped chicken pieces collected in a basket which are separately provided to shop keepers. These gathered wastes are then put through an oven are baked and powdered. This powder can be molded into desirable shape and can be sold as pet food in the market. Not only the body waste but also the feathers of it can be incinerated and the obtained ash can be used as fertilizers. This project solely depends on waste so totally zero expenses on the raw material. This project main necessities are basket for the butcher shops, a vehicle to transport raw material and an oven with a hand full of man power.



Proposed Innovation

The innovation in this project is in making fertilizers and pet food from the meat waste, thereby producing fertilizers in an organic way without adding any chemicals. The organic waste from the meat shops dumped in the trash cans, are known to attract stray dogs which make a nuisance and is also known for rotting smell it's presence leaves in the neighborhood. The project reduces the amount of organic wastes dumped, creates a healthier and peaceful environment. This is also a potential idea of processing meat wastes into pet foods.



Agriculture Vehicle SSC - Seeder, Sprayer and Cutter

L. Gideon Samuel ~~Babu~~, S. Kuber Visnu
IInd Year, Department of Electrical and Electronics Engineering
Rajalakshmi Engineering College, ~~Thandalam~~, Chennai-602105

Guide: Ms. S. Jeny Sophia

Abstract

Agriculture being the economical backbone of our country, in recent days we have been looking forward to implement smart innovative solutions to provide efficient methods over traditional methods of farming. Automation is the next revolution that will affect every industry in some way or other in this century. Its recent inclusion in agricultural sector on a large scale has helped decrease manpower and eliminates fatigue due to laborious work. Our present project aims at constructing a multipurpose agricultural vehicle equipped with solar powered dual DC motors as well as rechargeable batteries for performing the function of seed sowing as well as fertilizer spraying.

Problem statement

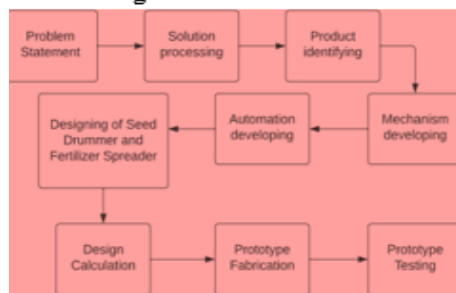
In current method of agricultural work like seed sowing, fertilizer distribution. Since it is being an entirely manual process which consumes excessive man power and time, this makes productivity less and makes the process less efficient.

Solution statement

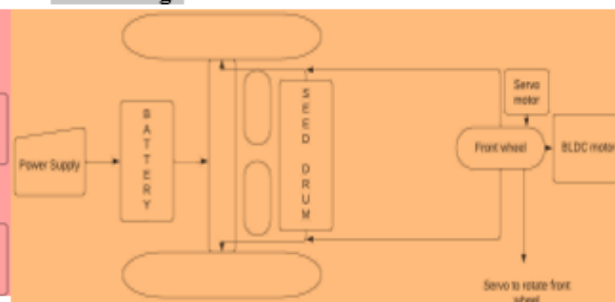
In order to improve the efficiency, productivity an reduce time complexity of seed sowing and field fertilization automation can be adapted in the field of agriculture by usage of Automated Agri-vehicle.

Methodology

Modelling of Vehicle



Block design





III PRIZE

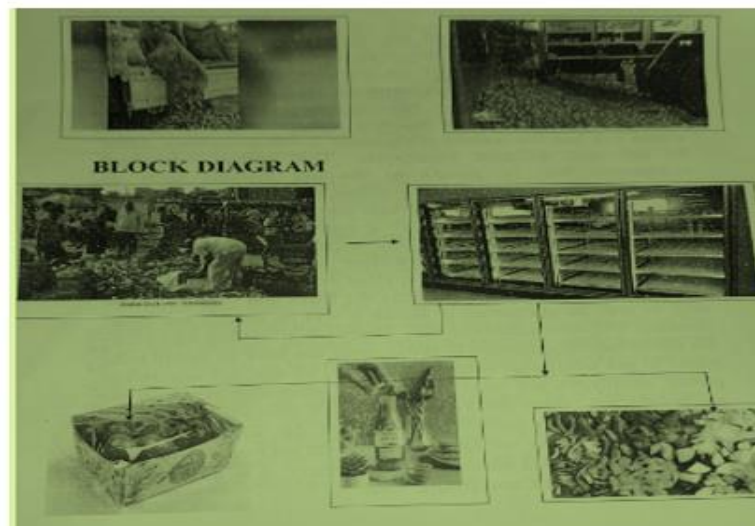
Market to Product R. Srimathi

IIIrd Year, Department of Electrical and Electronics Engineering,
Rajalakshmi Engineering College, Thandalam, Chennai-602105

Guide: Dr. V. Venkatesh

Abstract

Even as India suffers from a serious level of hunger, here's something that's even more worrying the country wastes a significant portion of its farm produce due to a weak cold chain infrastructure with 16 % of fruits and vegetables being wasted every. In recent years we heard the news vegetables and fruits are put in to the roadside or dustbin. When it will be happen if the vegetables are grown large than the normal level, if the demand of the particular fruit or vegetable reduces in the market and it also happen during rainy season because some fruits or vegetables cannot withstand the weather condition. So it will easily affected by bacteria and it will be useless so we put them in the dustbin. It will create a loss to the producer, consumer even if it is a customer, consumer or producer all are also get affected. Here we have an idea to resolve. This will be helpful for producer and consumer will get benefit. These strategies include facilitating helpful and supporting emerging markets that focus on how to turn into the money in the sense like business by using efficient manner.





Arduino Based Smart Litter Basket for Social Waste Management

S. Sabarinathan, R. Sai Harish, H. Santhosh Nivas
IVth Year, Department of Electrical and Electronics Engineering
Rajalakshmi Engineering College, Thandalam, Chennai-602105

Guide: Dr. R. Essakiraj

Abstract

Urbanization has dramatically increased during the last few decades. An increase in garbage output is occurring at the same time. Because of the incompetence of the authorities and the irresponsibility of the people, foul odors from rotten wastes may continue untreated for a lengthy period of time and cause long-term issues. This could possibly result in terrible diseases. With the help of an Arduino Uno board, which interfaces with the servomotor, infrared sensor, and ultrasonic sensor in this project, a smart litter box is constructed on a microcontroller-based platform. An infrared sensor and an ultrasonic sensor are positioned at the top and bottom of the trash can, respectively, to measure its level and where the bin should be stopped. The threshold height has been set at a specific height. The servo motor will activate and open the lid of the litter basket when someone approaches it, allowing them to dispose of their trash in the bin. This is how Arduino will be programmed. Once these intelligent baskets are widely adopted, they can replace our present conventional trash cans and effectively manage waste by removing the need for unneeded rubbish piles to be dumped on the side of the road.

Proposed system of Arduino based litter basket



Dimensional layout

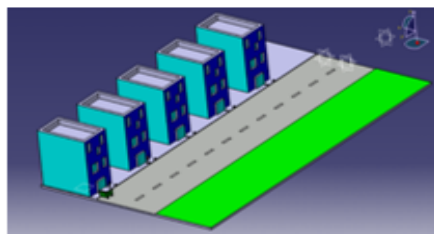
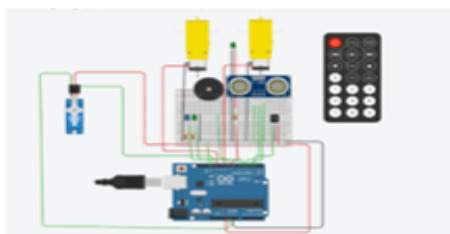


Fig. 1 Dimensional layout

Simulation circuit



- I. List if any break through Innovations / Technology Developed at the institute (2-3 technology with 2-3 lines about technology and innovation

INNOVATION NAME: DEVELOPMENT AND CHARACTERIZATION OF A SURFACE ACOUSTIC WAVE (SAW) MEMS HYDROGEN SENSORS

Abstract:

Surface Acoustic Wave (SAW) sensors are one of the most promising MEMS-based detection systems. It depends on the modulation of Surface Acoustic Waves to detect the target gases. The SAW sensor converts an input electrical signal into an acoustic wave which can be easily influenced under mass loading. The change in amplitude, phase, frequency or time-delay

between the input and output electrical signals can be used to measure the presence of Hydrogen. This study focuses on the fabrication of SAW sensor with Palladium as a sensing layer to detect the hydrogen. Palladium film has a property to readily absorb hydrogen atoms. The device is designed and fabricated for resonant frequency of 100MHz on a Lithium Niobate wafer. Finally, the sensors are tested under different concentrations of Hydrogen over a wide concentration range with rapid response time and relatively low power consumption which is very essential. Hence, it is of top priority to develop an indigenous high sensitivity Hydrogen sensor and to study its behaviour.

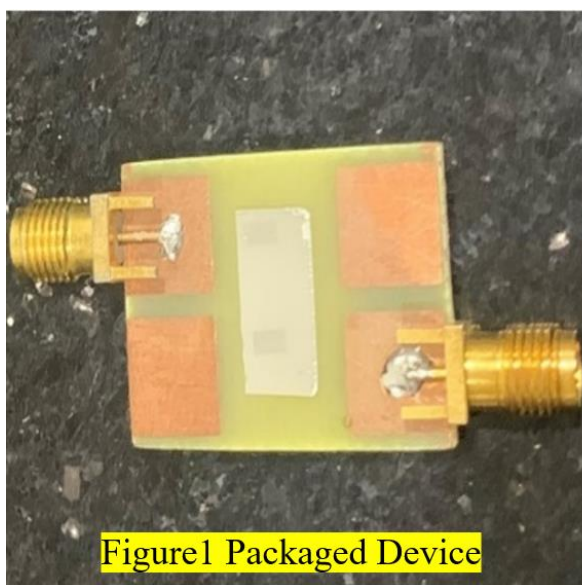


Figure1 Packaged Device

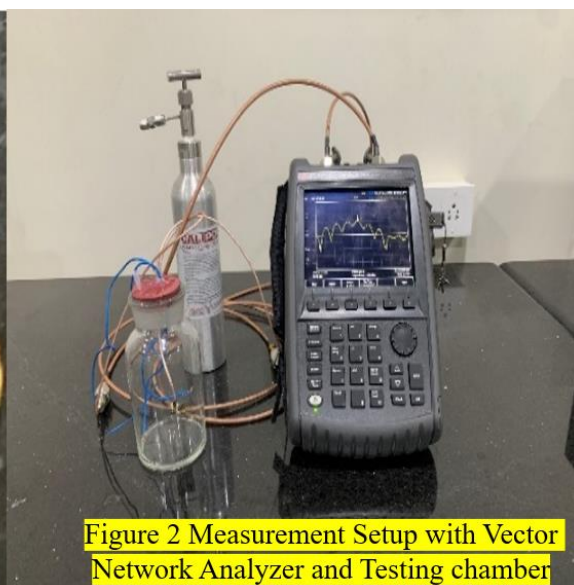


Figure 2 Measurement Setup with Vector Network Analyzer and Testing chamber

SPECIFICATIONS:

S.No	Specification	Range
1	Resonant Frequency	100 MHz
2	Lower Limit of detection	10000 ppm
3	Safe working limit	40000 ppm
4	Response time	60 sec

J. Participation of IIC-institute in various programs of Central and Stage Govt.

Highlighting speciallyfor the schemes or programs

- **ARIIA 2021-2022 -51 to 100 Rank - Innovation Thinking**
- **NISP Adoption status - Trained Faculty, Policy Formulation, PolicyImplementation - ACTIVE**
- **Smart India Hackathon – Conducted and Students Participated and won the First Place continuous academic year of 2018-2019, 2019-**



2020, 2020-2021, 2021-2022 & 2022-2023

Our Institute actively participating in various central and state Government Programmes such as

- 1. KAPILA**
- 2. MARGDARSHAN**
- 3. IIT PALS**
- 4. NPTEL**
- 5. Faculty Mentors for Universal Human Values**
- 6. IIC**
- 7. NISP - Active**
- 8. EDC**
- 9. IIT VLAB**

K. Detail of Social Media & Connections of IIC institute

- Instagram - [instagram.com/myrecchennai](https://www.instagram.com/myrecchennai)**
- Face book - [facebook.com/myrecchennai](https://www.facebook.com/myrecchennai)**
- LinkedIn- <https://www.linkedin.com/school/rajalakshmi-engineering-college/mycompany/>**
- Twitter - [witter.com/myrecchennai](https://twitter.com/myrecchennai)**

L. Testimonials from IIC members and external about IIC institute and IIC of MoE's Innovation Cell



TESTIMONIAL



I have handled the session on innovative trends and research opportunities in new start-ups. I have to thank the department and appreciate IIC for their efforts in conducting programs like this. I saw many students were interested in acquiring information about new innovations and startups. I have been exposed to various different opportunities because of this program and I am overall very satisfied with the outcome.

Mr.T. Vijayakumar

Executive Engineer

Rajalakshmi Renewables Pvt Ltd

M.



APJ ABDUL KALAM INNOVATIVE PROJECT CELL



“Chance favors only the prepared mind” - Louis Pasteur

In order to enhance and encourage budding professionals to harness and develop their research interests and innovative ideas, the APJ Abdul Kalam Innovative Project Cell (IPC) of Rajalakshmi Engineering College was established in the year 2003. The cell provides a platform for both students and teachers to express their research interests and develop the ideas to innovative products or prototypes. Since its inception, IPC under the guidance of IIC REC conducts a competition every year for the students of all streams called i-Quest and the students are awarded with certificates and cash prizes. True to the words of our beloved Dr APJ Abdul Kalam, the cell has made students to fly. With the support from management and guidance from IIC at REC, some have obtained patents, become entrepreneurs, received jobs and also won in national and international events.

“I will fly. I am born with wings So, I am not meant for crawling, I have wings, I will fly”- Dr APJ Abdul kalam

Johanna Rajkumar.

Dr. JOHANNA RAJKUMAR
Professor and Dean, Dept. of Biotechnology,
REC, Chennai 602105
johanna.rajkumar@rajalakshmi.edu.in



‘If you want to shine like a sun, first burn like a sun’ Dr. APJ Abdul Kalam

The institute innovation council (IIC) at REC renders yeomen service to the students' community and society at large. On campus, they effectively organize frequent workshops, conferences and special lectures by eminent entrepreneurs and industry personnel. Students are inspired to take part in iquest to showcase their ideas through the Innovative Project Cell of REC. The best projects by students are supported by IIC (REC) for patents and translate them into products. In this connection, REC Idea Factory has been launched with all the necessary facilities. I wish IIC (REC) all the very best and success in their endeavors.

M. Sankar

Dr. M. Sankar
Department of Biotechnology
REC, Chennai 602105



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IIC ANNUAL REPORT 2022 - 2023



It is an excellent opportunity for me to be a part of IIC REC as IPR Ambassador, pronounced path for future innovations and a great initiative from our institution. IIC is one of the best initiatives from our institution, which is a great platform for innovations in our Nation. The IIC has wide area of activities to encourage the students, research scholars and faculty members to enhance the innovation and achieve better ranking among Higher Education Institutions. IIC is a good platform for students and faculty innovators to share their ideas. Being IIC member, learnt about filling of a patent, organizing technical talk related to IPR as per IIC calendar on a regular basis at the Department level and College level for the benefit of society and attending training sessions organized by the institute and MIC. I have undergone training in both basic and advanced Innovation Ambassador Program and gained valuable perceptions on various topics related to IP, start-up, entrepreneurship. With the knowledge gained, I am able to delivery lectures confidently in my college and to other colleges, thanks to MIC and AICTE.

Dr. V. Gayathri,
Associate Professor (Biotech), IPR Ambassador of IIC-REC,
Rajalakshmi Engineering College, Chennai



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**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of Education Initiative)

Testimonial from External well wisher



In the realm of intellectual property, Department of Biotechnology, REC has been actively filing patents, underlining our commitment to advancing technology and knowledge. The department's involvement in pre-incubation, incubation, and intellectual property filings has been nothing short of commendable. As we look back at the achievements of the recent academic year it is evident that REC continues to be a beacon of innovation, entrepreneurship, and academic excellence. I am proud to be a part of this dynamic and forward-thinking community.

S. Naveenkumar

Naveen Kumar S
IP Consultant,
Registered Patent Agent - 4682



Dr.L.Priya,
Co-ordinator/IIC
Head/Business Incubation Center
REC

I am delighted to provide this testimonial for the Institution's Innovation Council (IIC) of Rajalakshmi Engineering College. As the Head/Business Incubation Center of a Rajalakshmi Engineering College, I have witnessed firsthand the remarkable impact of the IIC's initiatives on students' growth and development. Their unwavering commitment to fostering innovation, entrepreneurship, and industry-academia collaborations is truly commendable. The IIC's proactive approach to organizing workshops, seminars, and hackathons has equipped students with valuable skills and real-world experience. Moreover, their emphasis on research and student-led projects has yielded groundbreaking innovations. I believe that the IIC plays a crucial role in preparing students for success in both academic and professional realms. I wholeheartedly endorse the IIC's efforts and anticipate continued excellence in their endeavors.

Testimonial

The institution's Innovation Council at our institute has emerged as a source of creativity, propelling us toward a future marked by groundbreaking ideas and transformative solutions. Its mission is to encourage, nurture, and champion innovative ideas.

One of the most admirable aspects of the Innovation Council is it serves as a platform where ideas from all corners of our institution are not only welcomed but celebrated. This inclusivity has not only broadened our perspectives but has also ignited a passion for innovation in individuals who may have previously felt excluded from the creative process.

Through a range of initiatives, the Innovation Council has showcased its dedication to catalyzing innovation. Regular innovation challenges and hackathons have provided our students and staff with an opportunity to test their mettle, encouraging them to think outside the box and develop practical solutions to real-world problems.

The Innovation Council has provided me an opportunity to serve as an innovation ambassador, which enabled me to upgrade myself in thrust areas such as innovation, startups, entrepreneurship and design thinking



N.T. Mary Rosana

- Dr. Mary Rosana N T
IIC member,
Department of Chemical Engineering,
Rajalakshmi Engineering College.



TESTIMONIAL



I'm thrilled to reflect on my time as a student and share my thoughts on the Institution's Innovation Council (IIC). As a graduate, I can confidently say that IIC has been a game-changer for our educational journey.

What sets IIC apart is its unwavering commitment to encouraging, inspiring, and nurturing the creative minds of young students. The program doesn't just talk about innovation; it provides the resources and guidance needed to transform raw ideas into tangible prototypes. Through IIC, we students are empowered to explore the uncharted territory of innovation with confidence.

One of the most impressive aspects of IIC is how it operates on multiple fronts. It conducts various innovation and entrepreneurship-related activities with precision and purpose. It identifies and rewards innovations, which not only acknowledges hard work but also motivates us to keep pushing the boundaries of what's possible.

IIC goes beyond the classroom, organizing workshops, seminars, and interactions with industry experts, investors, and professionals. It's more than a program; it's a network that connects us with peers and national entrepreneurship development organizations, creating a collaborative ecosystem for learning and growth.

IIC is like the heartbeat of innovation and entrepreneurship within our institution. It has enriched our educational experience, broadened our horizons, and fueled our ambition to create a better future.

Mr Gopinath P
Software Developer
Zoho Corp, Thoraipakam, Chennai



TESTIMONIAL



I am very happy to say that the Institution's Innovation Council (IIC) program is a very good initiative by the Ministry of Education (MoE) in collaboration with AICTE for Higher Educational Institutions (HEIs) to systematically promote the culture of innovation and start-up ecosystem in education institutions in a faster rate across India. The IIC is encouraging, inspiring and nurturing the young students by supporting them to work with new ideas and transform them into prototypes. I am very much glad to say IIC is creating a vibrant local innovation ecosystem, Start-up supporting Mechanism and establishing the function Ecosystem for Scouting Ideas and Pre-incubation of Ideas.

I am very much impressed with the below key functions of IIC

- Conducting the various innovation and entrepreneurship-related activities prescribed by Central MIC in time bound fashion.
- Identifying and rewarding the innovations
- Organizing periodic workshops/ seminars/ interactions with entrepreneurs, investors, professionals and create a mentor pool for student innovators.
- Networking with peers and national entrepreneurship development organizations.
- Motivating innovative projects carried out by institution's faculty and students.
- Organizing Hackathons, idea competition, mini-challenges etc. with the involvement of industries.

I would like to thank IIC for bringing innovation, start-up and entrepreneurship under one umbrella. With your support the students are developing their cognitive ability. I am sure the students and faculty members of HEIs may not be tasted their success without your support.

Dr. T. Manikandan
IIC Member
Professor & Academic Head
Department of ECE
Rajalakshmi Engineering College, Chennai



TESTIMONIAL



I am thrilled to share my testimonial as a member of the Institute Innovation Council (IIC). Working with the IIC has been an incredibly rewarding experience, and I am proud to be part of an organization that fosters innovation and entrepreneurship within our academic institution. The IIC has given me the opportunity to make a meaningful impact on the lives of our students. It is inspiring to see how the council encourages and empowers our students to think creatively, take initiative in pursuing innovative projects and ideas and convert them into confident innovators and entrepreneurs. It facilitates workshops, seminars, and mentorship programs that equip students with the knowledge and skills they need to succeed in the world of innovation. The exchange of ideas and experiences within the IIC community has been enriching, and it has expanded my own understanding of innovation and entrepreneurship. The Institute Innovation Council has been a source of inspiration and motivation. It has allowed me to contribute to the growth and development of our students and our institution as a whole. I am proud to be associated with the IIC and look forward to continuing our journey of nurturing the innovators and entrepreneurs of tomorrow.

Dr.L.Bhagyalakshmi

IIC member

Prof & Head

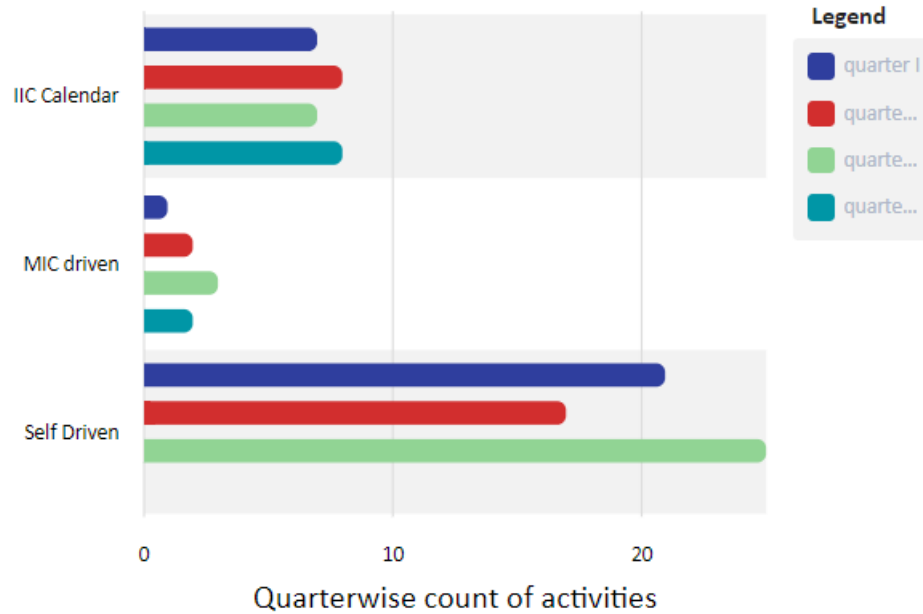
Department of Electronics and Communication Engineering,

REC

N. IMAGES



My Activities

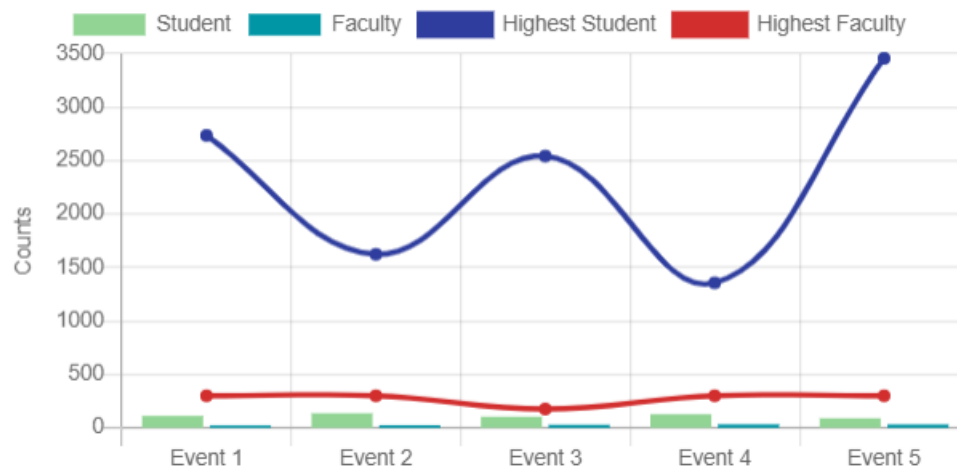


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My Impact

Chart For

IIC Calendar Activity

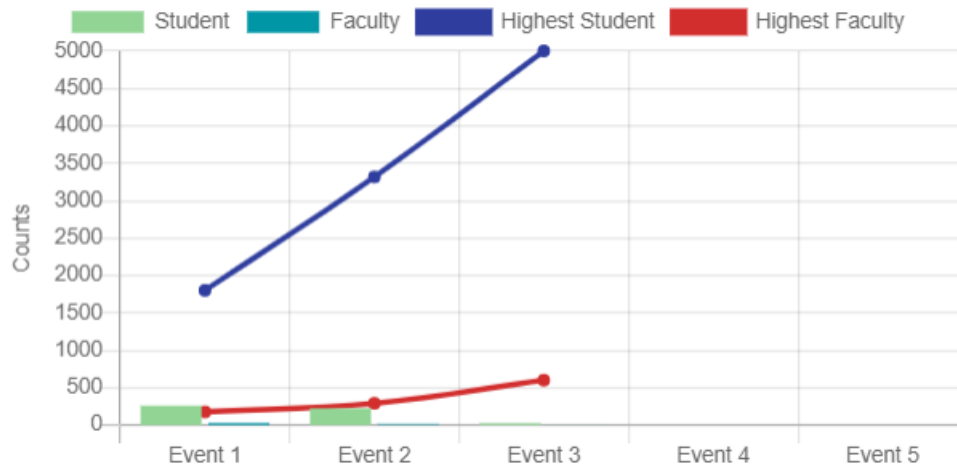




My Impact

Chart For

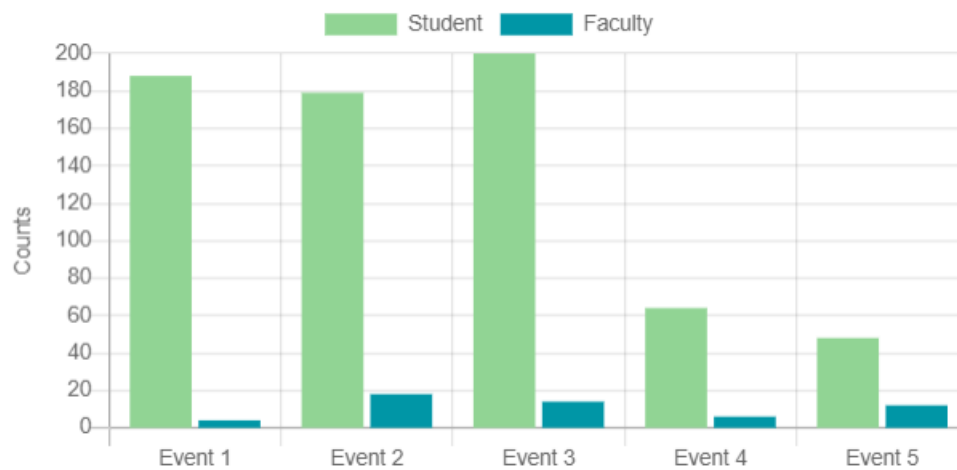
MIC Driven Activity 



My Impact

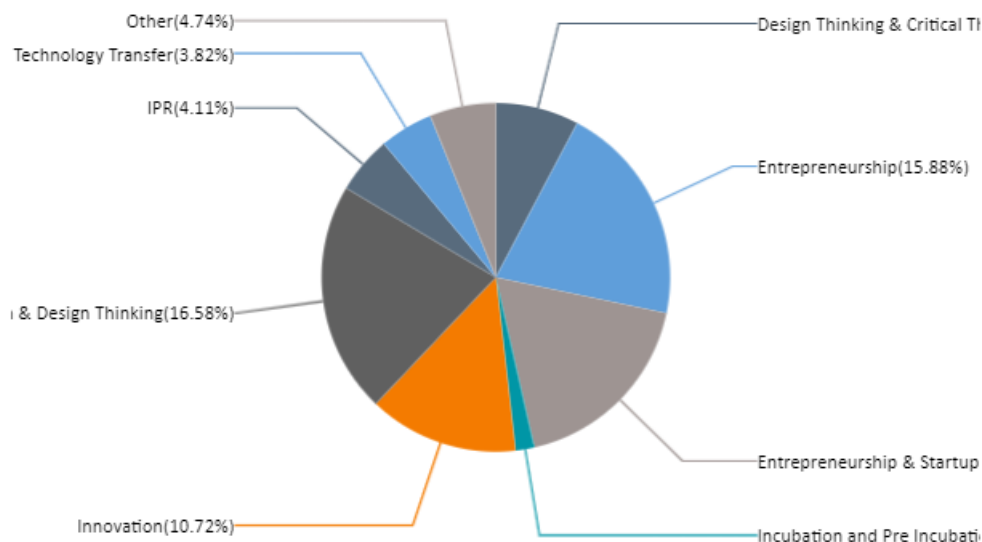
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Self Driven Activity 





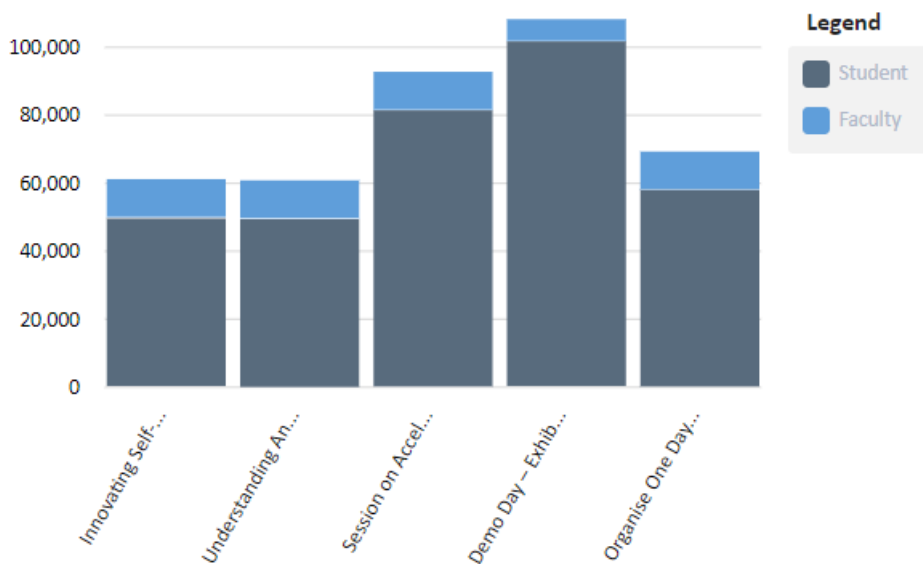
Activity By Theme



Overall Impact

Total Student: **6,003,034**

Total Faculty: **919,206**





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**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of Education Initiative)



Ministry of Education
Government of India



Certificate

NATIONAL INSTITUTIONAL RANKING FRAMEWORK

INDIA RANKINGS 2023

RAJALAKSHMI ENGINEERING COLLEGE

Positioned in the Band of 51-100 in the Innovation Category

J.G. Sithamby

CHAIRMAN, AICTE

Adarsh

CHAIRMAN, NBA

Chinmay

MEMBER SECRETARY, NBA



RAJALAKSHMI
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**INSTITUTION'S
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(Ministry of Education Initiative)

P. CONTACT



Dr.S.P.Srinivasan President of IIC

Director of Mechanical Science

Professor & Head Department of Mechanical Engineering Rajalakshmi Engineering College

Thandalam, Chennai 602105 Email-

iic@rajalakshmi.edu.in



Dr.S.N.Murugesan Principal & Professor

Department of mechanical Engineering

Rajalakshmi Engineering College

Thandalam, Chennai 602105

Email: principal@rajalakshmi.edu.in

Depeartment of B.E. Aeronautical Engineering & M.E. Avionics

Title	First Name	Last Name	Designation	Date of Birth	Faculty Unique ID	Highest Qualification	Teaching Exp
Dr.	BALUSAMY	KATHIRAVAN	PROFESSOR	14-03-1984	1-4789262004	Ph.D.	12.0
Dr.	NALLIANNAN	MUTHUSAMY	PROFESSOR	14-03-1955	1-431070955	Ph.D.	16.0
Dr.	SURESH	KHANDAI	HOD	17-04-1976	1-440217474	Ph.D.	16.7
Dr.	SURENDRA	BOGADI	ASSOCIATE PROFESSOR	12-04-1982	1-1445834161	Ph.D.	15.7
Mr.	BALAJI	RAJENDRAN	ASST PROFESSOR	16-11-1987	1-2486458375	M.E.	14.5
Mr.	PARVEZ AHMED	SHEBAZ AHMED	ASST PROFESSOR	12-02-1991	1-4237477154	M.E.	9.9
Mr.	DHANABAL LALITHA	VASTHADU VASU KANNAH	ASST PROFESSOR	27-08-1987	1-7519876419	M.E.	13.9
Mr.	PALRAJ	PREM ANAND	ASST PROFESSOR	23-05-1990	1-10576725511	M.Tech.	7.9
Mr.	SAKTHIVEL	PRADESH	ASST PROFESSOR	10-06-1990	1-11123487481	M.E.,	7.4
Dr.	KAMMAKKUR	NITHIYANANTHAM	ASST PROFESSOR	03-06-1982	1-458506107	Ph.D.	16.1
Mr.	HARISH	SOUNDARARAJAN	ASST PROFESSOR	27-07-1987	1-43711392156	M.E.	5.6

Depeartment of B.E. Automobile Engineering

Title	First Name	Last Name	Designation	Date of Birth	Faculty Unique ID	Highest Qualification	Teaching Exp
Dr.	KATHIRVELU	BHASKAR	HOD	12-07-1975	1-1445834169	Ph.D.	11.3
Dr.	SELVARAJU	PONNUSAMY	ASSOCIATE PROFESSOR	10-05-1978	1-4237477222	Ph.D.	16.7
Mr.	MAHABOOB BASHA	ZAHIR HUSSAIN	ASST PROFESSOR	23-05-1984	1-3207171500	M.E.	15.5
Mr.	RETNAMANI	EDWIN JOSEPH	ASST PROFESSOR	02-10-1990	1-3554213615	M.E.	15.5
Dr.	BALAKRISHNAN	MULLAI SUDAROLI	ASST PROFESSOR	18-03-1980	1-4238019892	Ph.D.	1.6
Mr.	RAVICHANDRAN	KARTHIKEYAN	ASST PROFESSOR	25-10-1989	1-7397877008	M.E.	9.2
Mr.	RANGANATHAN	ANBALAGAN	ASST PROFESSOR	24-03-1977	1-441571941	M.E.	20.5
Mr.	MOHANRAJ	KULANDASAMY	ASST PROFESSOR	09-05-1985	1-441572477	M.E.	14.6
Mr.	PONNADA	PAVAN	ASST PROFESSOR	02-06-1988	1-1445933311	M.E.	12.5

Depeartment of B.E. Biomedical Engineering and M.E. Medical Electronics

Title	First Name	Last Name	Designation	Date of Birth	Faculty Unique ID	Highest Qualification	Teaching Exp
Dr.	CHRISTODAS MICHAEL	JOBIN CHRIST	PROFESSOR	27-07-1982	1-3554253824	Ph.D.	18.1
Dr.	RAMA KRISHNAN	KALPANA	PROFESSOR	28-04-1970	1-442437026	Ph.D.	25.6
Dr.	RAMACHANDRAN	PREMKUMAR	PROFESSOR	08-01-1981	1-442437084	Ph.D.	18.7
Dr.	SADAGOPAN	RAJKUMAR	HOD	01-06-1970	1-3596233340	Ph.D.	22.1
Dr.	RADHAKRISHNAN	RAMACHANDRAN	ASSOCIATE PROFESSOR	22-09-1981	1-11325590932	Ph.D.	11.9
Dr.	NALVASAN	NITHYAA	ASSOCIATE PROFESSOR	31-05-1982	1-443218732	Ph.D.	15.9
Dr.	PADMASINI	NATARAJAN	ASSOCIATE PROFESSOR	13-10-1969	1-786800542	Ph.D.	14.7
Ms.	RAMAKRISHNAN	SAI DIVYA	ASST PROFESSOR	12-08-1999	1-2663917551	M.E.	5.6
Ms.	ANBUSELVAM	SANTHIPRIYA	ASST PROFESSOR	31-07-1991	1-3204633880	M.E.	6.8
Ms.	EASWARAN	KARUPPATHAL	ASST PROFESSOR	03-01-1994	1-3554213664	M.E.	6.7
Mrs.	JAYAKUMAR	JEMINA ASNOTH SYLVIA	ASST PROFESSOR	05-12-1981	1-4237903603	M.E.,	11.1
Ms.	MADHAVAN	MANJUSHA	ASST PROFESSOR	14-02-1993	1-7397759951	M.E.	4.8
Mr.	SANKAR	KRISHNAKUMAR	ASST PROFESSOR	02-10-1991	1-7397877034	M.Tech.	5.7
Ms.	JEEVAKUMAR	GLORY PRECIOUS	ASST PROFESSOR	08-08-1995	1-7498847657	M.E.	5.6
Ms.	ABIRAMY	SOUNDARARAJAN	ASST PROFESSOR	20-05-1993	1-7591682392	M.Tech.	6.1
Ms.	SUBATHRA	YUVARAJ	ASST PROFESSOR	01-06-1987	1-10563517721	M.E.	14.8
Mr.	KANDASAMY	SANKAR	ASST PROFESSOR	10-04-1988	1-10563517728	M.Tech.	12.8
Mr.	THULASINGAM	RUBESH KUMAR	ASST PROFESSOR	17-01-1982	1-437044977	M.E.	20.5
Dr.	SARAVANAN	NANDINI	ASST PROFESSOR	25-05-1976	1-442437030	Ph.D.	6.8
Dr.	SINGARAM	SUDHA	ASST PROFESSOR	03-04-1981	1-442437176	Ph.D.	18.7
Mr.	CHANDRASEKARAN	MURALIDHARAN	ASST PROFESSOR	16-10-1978	1-442437454	M.E.	18.5
Ms.	JAGAJEEVAN	JEANA	ASST PROFESSOR	01-12-1986	1-43412072533	M.E.	5
Ms.	MANI	PRATHISHA	ASST PROFESSOR	07-03-1992	1-43412806161	M.E.	4.1
Dr.	SAPTHAGIRIVASAN	.	ASST PROFESSOR	10-04-1982	1-43417442670	Ph.D.	8.5
Mr.	PALANI	SENTHILKUMAR	ASST PROFESSOR	20-05-1987	1-43710603010	M.E.	0.5

Depeartment of B.Tech. Biotechnology and M.Tech. Biotechnology

Title	First Name	Last Name	Designation	Date of Birth	Faculty Unique ID	Highest Qualification	Teaching Exp
Dr.	JOHANNA	RAJKUMAR	PROFESSOR	02-03-1953	1-444211895	Ph.D.	40.3
Dr.	RAVEEDRAN NAIR	JAYASREE	PROFESSOR	01-06-1972	1-444221345	Ph.D.	15.6
Dr.	SUBRAMANIYAN	THIRUVENGADAM	PROFESSOR	16-06-1972	1-445370427	Ph.D.	19.5
Dr.	KANNAIYAN	SATHYA	PROFESSOR	02-02-1980	1-44229891716	Ph.D.	20.1
Dr.	MADHAVAN	SANKAR	HOD	12-04-1980	1-445129071	Ph.D.	16.7
Dr.	HARIPRIYA	DAYALAN	ASSOCIATE PROFESSOR	02-08-1978	1-2185732943	Ph.D.	15.6
Dr.	ANITHA	THULASI SINGH	ASSOCIATE PROFESSOR	02-01-1979	1-2185733281	Ph.D.	18.1
Dr.	RAGAVA REDDIAR	HEMAVATHY	ASSOCIATE PROFESSOR	25-08-1984	1-2185733318	Ph.D.	15.6
Dr.	PERIYASAMY	SARAVANAN	ASSOCIATE PROFESSOR	20-06-1978	1-2643184525	Ph.D.	8.7
Dr.	THANGANADAR APPAP	SELVAKUMAR	ASSOCIATE PROFESSOR	12-01-1984	1-442437088	Ph.D.	16
Dr.	VIJAYA GEETHA	BOSE	ASSOCIATE PROFESSOR	14-05-1980	1-444221667	Ph.D.	13.7
Dr.	PANJAMURTHI	RAJASEKAR	ASSOCIATE PROFESSOR	10-06-1977	1-444995981	Ph.D.	15.6
Dr.	DORAI	SRIDHAR	ASSOCIATE PROFESSOR	24-02-1967	1-444996223	Ph.D.	16.7
Dr.	ANILA	RASLIN	ASSOCIATE PROFESSOR	20-02-1986	1-445291849	Ph.D.	14.7
Dr.	MOHANA KUMAR	MILLCENT MABEL	ASSOCIATE PROFESSOR	26-02-1985	1-445370241	Ph.D.	15.6
Mr.	KUMAR	ARUN	ASST PROFESSOR	17-08-1986	1-2185733290	M.Phil.,	10.7
Dr.	GEORGE	CARLIN GEOR MALAR	ASST PROFESSOR	26-07-1991	1-4237477257	Ph.D.	5.7
Ms.	KRISHNAMURTHY	SHREENIDHI	ASST PROFESSOR	07-09-1993	1-4237477264	M.Tech.	5.7
Ms.	TIRUVENGADASAMY	POORANI	ASST PROFESSOR	08-12-1993	1-7448393139	M.Tech.	0.5
Mr.	RAJAPPAN	BALAJI	ASST PROFESSOR	08-10-1978	1-7462333706	M.Tech.	8.5
Ms.	SIVASUBRAMANIYAN	SANGEETHA GANDHI	ASST PROFESSOR	10-10-1991	1-7516429697	M.Tech.	10
Ms.	SUNDARAPANDIAN	DIVYA LAKSHMI	ASST PROFESSOR	09-05-1990	1-9601666715	M.Tech.	3.5
Dr.	KADHIRVELU	KAVITHA	ASST PROFESSOR	08-05-1989	1-9854913624	Ph.D.	2.4
Ms.	VASUDHA PRIYADHARS	SRI RAM	ASST PROFESSOR	02-10-1995	1-10554046661	M.Tech.	6.5
Mr.	THANGAVEL	BABU	ASST PROFESSOR	13-06-1982	1-445129075	M.Tech.	16
Dr.	RAVINDRAN	REKHARAVINDRAN	ASST PROFESSOR	01-10-1979	1-445370249	Ph.D.	13.1
Dr.	SUJATA	ROY	ASST PROFESSOR	01-06-1976	1-784520708	Ph.D.	12.5
Dr.	NATESAN	PREMALATHA	ASST PROFESSOR	30-11-1980	1-43369553439	Ph.D.	9.5
Ms.	KUMBARA	PAVITHRA	ASST PROFESSOR	13-03-1998	1-43369553464	M.Tech.	2.5
Ms.	BASKARAN	PREETHI	ASST PROFESSOR	11-10-1994	1-43369553495	M.Tech.	1.6
Ms.	SARANGU	SARANYA	ASST PROFESSOR	30-05-1994	1-43369553549	M.Tech.	3.4
Dr.	SUBRAMANIAN	PRATHIBA	ASST PROFESSOR	01-12-1989	1-43411812342	Ph.D.	1.6
Dr.	ARUMUGAPERUMAL	ARUN	ASST PROFESSOR	01-04-1999	1-43414267539	Ph.D.	2.3
Ms.	RAMAR	SIVA LAKSHMI	ASST PROFESSOR	24-07-1999	1-43716680632	M.Tech.	0.5
Ms.	SURESH	SUJA GAYATHRI	ASST PROFESSOR	26-10-1999	1-43716680644	M.Tech.	2.5

Department of B.Tech. Chemical Engineering

Title	First Name	Last Name	Designation	Date of Birth	Faculty Unique ID	Highest Qualification	Teaching Exp
Dr.	KANNIYAMBATTI	VINCENT JOSEPH	PROFESSOR	04-04-1976	1-4970404763	Ph.D.	17.3
Dr.	RAMACHANDRAN	SUNDARARAMAN	HOD	16-05-1973	1-444221341	Ph.D.	25
Mrs.	JAYABHARATHY	AMBIGADEVI	ASST PROFESSOR	09-11-1990	1-3365343642	M.Tech.	9
Dr.	GOPAL	VIJAYARAGHAVAN	ASST PROFESSOR	06-08-1980	1-3365343650	Ph.D.	19
Mr.	KANNAN	SRIRAM	ASST PROFESSOR	14-03-1966	1-4832943554	M.tech.	5
Dr.	LAKSHMANA PERUMAL	ANITHA JEGADEESHWARI	ASST PROFESSOR	09-01-1992	1-7397760064	Ph.D.	4.7
Ms.	KALAIARASI	NAGAPPAN	ASST PROFESSOR	09-05-1989	1-7397760070	M.Tech.	10.7
Dr.	SIVALINGAM	SIVAMANI	ASST PROFESSOR	10-05-1989	1-7473826051	Ph.D.	5.7
Dr.	NARASIMHA	SEELAM	ASST PROFESSOR	09-01-1980	1-9314319071	Ph.D.	6.6
Dr.	NALZALA	MARY ROSANA	ASSOCIATE PROFESSOR	01-09-1981	1-3645862773	Ph.D.	19.9

Department of B.E. Civil Engineering

Title	First Name	Last Name	Designation	Date of Birth	Faculty Unique ID	Highest Qualification	Teaching Exp
Dr.	MADHAVAN	SELVAKUMAR	PROFESSOR	28-06-1972	1-2185596076	Ph.D.	26.1
Dr.	GEETHA	SUBRAMANI	HOD	06-03-1975	1-2316552629	Ph.D.	19.6
Mr.	SUBBIAH	MUTHU LAKSHMI	ASST PROFESSOR	30-12-1982	1-2316552969	M.E.	15.1
Ms.	AYYAVU	JEYA ARTHI	ASST PROFESSOR	18-05-1992	1-2634002011	M.E.	8.8
Mr.	ELUMALAI	KARTHIC	ASST PROFESSOR	29-10-1988	1-3221472414	M.E.	8.6
Ms.	KOILPILLAI	DIVYA SUSANNA	ASST PROFESSOR	31-12-1991	1-3355811767	M.E.	9.5
Ms.	BALASUBRAMANIAN	MUTHULAKSHMI	ASST PROFESSOR	23-03-1991	1-3554380669	M.E.,	4.8
Mr.	RAJAPERUMAL	MADHAVAPERUMAL	ASST PROFESSOR	07-09-1989	1-3556756541	M.E.	8.8
Mr.	SHANMUGAM	PREMKUMAR	ASST PROFESSOR	18-07-1988	1-3556768444	M.E.	11.9
Mr.	MARIAPPAN	AMMAIAPPAN	ASST PROFESSOR	07-05-1987	1-3556770552	M.E.	10.3
Ms.	VASANTHASELVI	VEDHANAYAGHI	ASST PROFESSOR	27-01-1991	1-3556772920	M.E.	8.5
Ms.	SUBRAMNI	YUGASINI	ASST PROFESSOR	12-01-1991	1-3556785442	M.E.	8.8
Mr.	MOORTHY	MANOHARAN	ASST PROFESSOR	24-10-1989	1-3556791835	M.E.	11.9
Ms.	GOUTHAM	MAHENDRAN	ASST PROFESSOR	25-09-1985	1-4390233724	M.E.	12.5
Mr.	PERIYASAMY	MUTHAIYAN	ASST PROFESSOR	24-11-1992	1-7399322798	M.E.	7.7
Mr.	SAKTHIVEL	RANJITHKUMAR	ASST PROFESSOR	16-03-1990	1-43420020671	M.E.	5.5
Dr.	MUTTAHAN	UMA MAGUESVARI	ASSOCIATE PROFESSOR	17-06-1980	1-7399322528	Ph.D.	13.1
Mr.	SRINIVASAN	BALASUBRAMANIAN	ASSOCIATE PROFESSOR	21-04-1954	1-7462333880	M.E.	11.1
Mr.	NOORUL AMEEN	MAHAMOOD ULHASAN	ASSOCIATE PROFESSOR	18-04-1987	1-1446100946	M.E.	11.6

Department of B.E. Computer Science and Engineering [UG and PG]

Title	First Name	Last Name	Designation	Date of Birth	Faculty Unique ID	Highest Qualification	Teaching Exp
Dr.	PARAMASIVAM	MUNEESHWARI	PROFESSOR	18-01-1985	1-2187388090	Ph.D.	17.5
Dr.	.	SRINIVASAN	PROFESSOR	02-08-1973	1-3697155043	Ph.D.	26.2
Dr.	VENUGOPAL	MURALIBHASKARAN	PROFESSOR	30-05-1966	1-4417489134	Ph.D.	34.1
Dr.	SAMBATH KUMAR	SABITHA	PROFESSOR	19-08-1973	1-7510983198	Ph.D.	28.5
Dr.	.	ANANDA SIVAPRAKASAM	PROFESSOR	07-10-1969	1-10746035852	Ph.D.	17.6
Dr.	SUGUMARAN	POONKUZHALI	PROFESSOR	08-08-1976	1-446133141	Ph.D.	23.5
Dr.	SUKUMARAN	VINOD KUMAR	PROFESSOR	03-03-1976	1-446133245	Ph.D.	22.7
Dr.	PERUMAL	KUMAR	HOD	25-05-1975	1-449903299	Ph.D.	27.6
Mrs.	ROXANNA	SAMUEL	ASST PROFESSOR	13-02-1977	1-2316641119	M.E.	14.8
Mr.	VIJAYAKUMAR	RATHAKRISHNAN	ASST PROFESSOR	28-05-1991	1-2316641419	M.Tech.	9.7
Mr.	KANCHI	NARAYANA	ASST PROFESSOR	03-07-1992	1-3556841527	M.Tech.	18.2
Dr.	NAGENDRAN	DURAIMURUGAN	ASST PROFESSOR	19-12-1984	1-3556872739	Ph.D.	13.1
Ms.	MUTHURANGAN	JAYALAKSHMI	ASST PROFESSOR	23-07-1995	1-3556984489	M.E.	6.7
Mr.	RAJA	PRADEEP	ASST PROFESSOR	25-01-1991	1-7354953251	M.E.	7.8
Dr.	SANKARESWARAN	SENTHIL PANDI	ASST PROFESSOR	20-07-1985	1-7375232049	Ph.D.	15.5
Ms.	BHAVANI	MURALI	ASST PROFESSOR	24-05-1994	1-7399016946	M.E.	6.6
Ms.	SANTHIYA	MUNUSAMY	ASST PROFESSOR	03-09-1993	1-7399017272	M.E.	6.5
Dr.	THANGAVEL	KUMARAGURUBARAN	ASST PROFESSOR	23-05-1983	1-7428524082	Ph.D.	14.5
Ms.	KATHIRESAN	DEIVANAI	ASST PROFESSOR	15-06-1979	1-8014986797	M.E.	15.9
Mrs.	RAJAGOPAL	MUTHU PANDEESWARI	ASST PROFESSOR	18-05-1994	1-9315486697	M.E.	2.5
Mr.	GURUMURTHY	SARAVANAGOKUL	ASST PROFESSOR	05-05-1986	1-9523081177	M.E.	13.5
Ms.	RAVI	HEMALATHA	ASST PROFESSOR	09-06-1997	1-10723414192	M.E.	3.8
Mrs.	MARIYAPPAN	KEERTHIKA	ASST PROFESSOR	17-11-1997	1-10852984411	M.E.	5.2
Ms.	SUBRAMANI	ANANDHI	ASST PROFESSOR	04-10-1993	1-11320000888	M.E.	3.9
Mr.	BALASUBRAMANIAN	BHUVANESWARAN	ASST PROFESSOR	02-11-1977	1-447659325	M.E.	16.6

Ms.	SUSMITA	MISHRA	ASST PROFESSOR	25-01-1981	1-447659785	M.E.	12.9
Dr.	MAHENDRAN	RAKESH KUMAR	ASST PROFESSOR	24-11-1989	1-24151445958	M.E.	0.9
Ms.	FARJANA	UBAYADHULLA	ASST PROFESSOR	07-05-1985	1-43370769645	M.Tech.	8.7
Dr.	GOPAL	DHARANIDEVI	ASST PROFESSOR	17-07-1976	1-43370861133	Ph.D.	18.9
Ms.	SIVALINGAM	VINOTHINI	ASST PROFESSOR	11-03-1991	1-43371019913	M.E.	3.8
Mr.	KRISHNAMOORTHY	DEEPAK KUMAR	ASST PROFESSOR	14-08-1994	1-43371077203	M.E.	1.2
Ms.	GOVINDARAJ	SASIKALA	ASST PROFESSOR	03-01-1982	1-43417048162	M.E.	6
Ms.	ANITHA	ALAMPAT	ASST PROFESSOR	09-01-1984	1-43715658229	M.Tech	14.4
Ms.	KANAGASAPATHI	MAHESMEENA	ASST PROFESSOR	01-05-1983	1-43715658374	M.E.	5.7
Ms.	.	PREETHI	ASST PROFESSOR	25-03-1992	1-43715658386	M.Tech	0.2
Ms.	S	PREETHI	ASST PROFESSOR	03-04-2000	1-43715658414	M.E.	5.7
Dr.	BHASKARAN	VIJAYALAKSHMI	ASST PROFESSOR	09-03-1975	1-43717869428	Ph.D.	7.6
Mr.	.	PRAVEEN	ASST PROFESSOR	20-06-1989	1-44026872833	M.E.	11
Mr.	VADLAMANI	SRINIVAS	ASST PROFESSOR	28-08-1968	1-44026873229	M.Sc., [Tech]	0.2
Mr.	.	JOHNBERKMANS	ASST PROFESSOR	11-11-1982	1-44081849644	M.Tech	12.5
Ms.	PONMANI	SUNDARAM	ASST PROFESSOR	25-05-1979	1-44229865061	M.E.	21.4
Ms.	RUTHIRAPPASAMY	AKILADEVI	ASST PROFESSOR	09-06-1990	1-44229865110	M.E.	9.7
Ms.	VINAYAGAM	JANANEE	ASST PROFESSOR	28-11-1984	1-44229865242	M.E.	16.4
Ms.	BALASEKAR	VIDHUPRIYA	ASST PROFESSOR	07-06-1987	1-44229865300	M.E.	8.4
Dr.	MOHAN	JAGADEESH	ASST PROFESSOR	15-07-1982	1-1439437213	Ph.D.	14.1
Dr.	KALIYAMOORTHY	ANANTHAJOTHI	ASSOCIATE PROFESSOR	28-07-1983	1-3591636243	Ph.D.	13.5
Mr.	VEERAVAGU MOORTHY	KARTHICK	ASSOCIATE PROFESSOR	06-03-1986	1-3873715577	M.E.	12.7
Ms.	DHINAKARAN	SORNA SHANTHI	ASSOCIATE PROFESSOR	25-11-1980	1-446186051	M.Tech	20.1
Mr.	.	SANJAY KUMAR SINGH	ASSOCIATE PROFESSOR	24-10-1968	1-451303151	M.E.	17.5

Depeartment of B.E. Electronics and Communication Engineering and M.E. Communication Systems

Title	First Name	Last Name	Designation	Date of Birth	Faculty Unique ID	Highest Qualification	Teaching Exp
Dr.	RADHA KRISHNAN	GAYATHRI	PROFESSOR	22-05-1978	1-3605141388	Ph.D.	22
Dr.	SUJATHA	LAKSHMINARAYANAN	PROFESSOR	20-05-1967	1-447793659	Ph.D.	12.5
Dr.	MANICKAVELU	PALANIVELAN	PROFESSOR	30-07-1973	1-447935671	Ph.D.	27.1
Dr.	THIYAGARAJAN	MANIKANDAN	PROFESSOR	06-06-1976	1-447935675	Ph.D.	24.6
Dr.	VARATHARAJA	SELVAKUMAR	PROFESSOR	06-12-1977	1-448045519	Ph.D.	24.9
Dr.	BALAN	PRIYA	PROFESSOR	20-06-1978	1-448230301	Ph.D.	24.2
Dr.	AIYAPPAN	ASHA	PROFESSOR	16-09-1978	1-448230727	Ph.D.	22.5
Dr.	SIVATHANU PILLAI	CHITRA	PROFESSOR	22-01-1980	1-448340581	Ph.D.	21.9
Dr.	SELVAKUMAR	SUGANTHI	PROFESSOR	15-06-1974	1-448340589	Ph.D.	18.6
Dr.	BOSE	THILAKAVATHI	PROFESSOR	07-08-1976	1-463832686	Ph.D.	24.7
Dr.	LAKSHMINARAYANAN	BHAGYALAKSHMI	HOD	24-08-1974	1-3209514943	Ph.D.	22.7
Ms.	MURUGANANTHAM	ARULMOZHI	ASST PROFESSOR	30-06-1989	1-2316676550	M.E.	9.3
Mr.	JAGADEESAN	KARTHI	ASST PROFESSOR	20-05-1990	1-2633787483	M.E.	10.6
Ms.	RABIKUDIN	BENAZIR BEGAM	ASST PROFESSOR	23-05-1991	1-2633787492	M.E.	8.7
Ms.	UMAPATHY	JHANANI SHREE	ASST PROFESSOR	08-08-1987	1-2633787501	M.E.	12.8
Mr.	GURUNATHAN	LOGANATHAN	ASST PROFESSOR	22-06-1992	1-2642336683	M.E	8.5
Mr.	VELU	ASOKAN	ASST PROFESSOR	09-06-1991	1-2708772636	M.E.	8.5
Mr.	RAJENDRAN	GANESAMOORTHY	ASST PROFESSOR	10-05-1981	1-2897035607	M.Tech	18.1
Ms.	RAVI	KAVITHA	ASST PROFESSOR	06-09-1987	1-3208149070	M.E.	7.2
Ms.	GOPAL	IYER	ASST PROFESSOR	27-03-1988	1-3209168112	M.E.	7.7
Ms.	DEVARAJALU	SASIREKHA	ASST PROFESSOR	27-10-1982	1-3209451659	M.Tech.	19.7
Ms.	HELAN	THANKARAJ	ASST PROFESSOR	12-11-1987	1-3218878339	M.E.	12.5
Ms.	GOKULAKRISHNAN	SHANMUGAPRIYA	ASST PROFESSOR	25-10-1985	1-3218967481	M.Tech	8.3
Mr.	sus	SUDHARSAN	ASST PROFESSOR	01-03-1990	1-3371503268	M.E	7.2
Mrs.	PAVITHRA	SAMPATH	ASST PROFESSOR	18-08-1987	1-3557051482	Ph.D.	11.1
Ms.	RAMASAMY	SATHYA	ASST PROFESSOR	21-07-1988	1-3557150370	M.E.	11.8
Mrs.	MANICKAVASAGAM	TAMILARASI	ASST PROFESSOR	04-04-1981	1-3557255103	M.E.	8.9
Mrs.	SURESH	SUSHMA	ASST PROFESSOR	13-10-1990	1-3557302854	M.E.	6.7
Mrs.	MOSES ADDISON	BRENDA	ASST PROFESSOR	16-01-1991	1-3866849056	M.Tech	6.4

Mrs.	VENKATESAN	YOGALAKSHMI	ASST PROFESSOR	24-02-1986	1-4241613015	M.E.	10.7
Ms.	GOPAL	INDHUMATHI	ASST PROFESSOR	31-05-1992	1-4249906422	M.E.	8.6
Mr.	SIVAGURUNATHAN	MOHANRAJ	ASST PROFESSOR	01-06-1990	1-4469941159	M.E.	10.7
Mr.	KARUNAKARAN	MURALIKRISHNA	ASST PROFESSOR	09-11-1987	1-4469941176	M.E.	5.7
Ms.	RADHAMANI	GANESHAN	ASST PROFESSOR	30-12-1980	1-4691188553	M.E.	19.4
Ms.	ANUSOOYA	VADUKANATHAN	ASST PROFESSOR	30-12-1983	1-7379286568	M.E.	16.5
Ms.	GOVINDARAJAN	SARANYA	ASST PROFESSOR	01-10-1990	1-7399452030	M.E.	8
Ms.	HERMASFERNANDO	HEARTLINMARIA	ASST PROFESSOR	14-03-1994	1-7485323018	M.E.	2.8
Dr.	SRINIVASAN	SIVASAKTHISELVAN	ASST PROFESSOR	15-07-1990	1-7518052307	Ph.D.	8.6
Ms.	USHA	PERI	ASST PROFESSOR	27-08-1997	1-9546459573	M.E.	9.9
Mrs.	.	SUGANYA	ASST PROFESSOR	23-10-1980	1-9593016415	M.E.	2.9
Mr.	PERUMAL	MADHANKUMAR	ASST PROFESSOR	21-11-1991	1-9593016576	M.E.	3.1
Dr.	SUKUMARAN	VINODHINI	ASST PROFESSOR	27-06-1993	1-10677994971	Ph.D.	1.4
Mrs.	THASLEEM	SHAIK	ASST PROFESSOR	25-03-1985	1-448451537	M.Tech.	15.3
Mrs.	KUPPURAJ	SUDHA	ASST PROFESSOR	24-02-1985	1-449808225	M.E.	16.4
Dr.	JAYARAMAN	SARANYA	ASST PROFESSOR	23-07-1987	1-784130343	Ph.D.	13.6
Ms.	KOTTAISAMI	MUTHU MEENA	ASST PROFESSOR	20-02-1993	1-43369987116	M.E.	1.4
Mr.	AGARAM	PRABHU	ASST PROFESSOR	03-06-1996	1-43369987156	M.E.	1.4
Ms.	SEYEDMASOOD	NILOFER FATHIMA	ASST PROFESSOR	26-02-1996	1-43370073378	M.E.	5.6
Ms.	GANAPATHY	SOWMIYA	ASST PROFESSOR	03-03-1992	1-43373881044	M.E.	1.6
Ms.	.	PRIYANKA DEVI SIVAKUMAR	ASST PROFESSOR	01-03-2000	1-43716680399	M.E.	0.6
Mr.	.	KUMARAN	ASST PROFESSOR	30-11-1981	1-44082334995	M.E.	13.4
Ms.	MAHIMAT DOSS	ANITHA MARY	ASST PROFESSOR	05-07-1987	1-1445484854	M.Tech.	11.7
Ms.	RAJARATHINAM	BHARATHY	ASST PROFESSOR	14-11-1988	1-1445485063	M.E.	11.7
Mr.	DEIVEEGAN	GURURAJ	ASST PROFESSOR	29-04-1989	1-1445485142	M.E.	11.7
Dr.	THIRUMENI	MARIAMMAL	ASSOCIATE PROFESSOR	12-04-1976	1-2181980584	Ph.D.	20.8
Dr.	MANOHAR	LATHA	ASSOCIATE PROFESSOR	06-06-1977	1-9593965529	Ph.D.	15.6
Dr.	SATHISH	MUNIRATHINAM	ASSOCIATE PROFESSOR	26-10-1985	1-448451309	Ph.D.	14.6
Dr.	DEVANATHSAMY	INDUMATHY	ASSOCIATE PROFESSOR	04-08-1979	1-1445622279	Ph.D.	12.8

Depeartment of B.E. Electrical and Electronics Engineering & M.E. Embedded System Technologies

Title	First Name	Last Name	Designation	Date of Birth	Faculty Unique ID	Highest Qualification	Teaching Exp
Dr.	PONNURANGAM	SIVAKUMAR	PROFESSOR	03-07-1975	1-2637604113	Ph.D.	17.8
Dr.	JANAKIRAMAN	UMAMAHESWARI	PROFESSOR	04-01-1970	1-3552260655	Ph.D.	21.1
Dr.	JAYAPALAN	KAVITHA	PROFESSOR	17-03-1978	1-3752963617	Ph.D.	24.5
Dr.	ABDUL GAFOOR	NAZAR ALI	PROFESSOR	07-01-1982	1-4237477243	Ph.D.	16.6
Dr.	NARSI REDDY	RAMAREDDY	PROFESSOR	10-06-1963	1-7397760116	Ph.D.	30.1
Dr.	SRIDEVI	MANI	PROFESSOR	13-03-1982	1-7469470461	Ph.D.	15.5
Dr.	MUTHIAH MUDALIAR	SUBBIAH	PROFESSOR	22-12-1944	1-448542531	Ph.D.	56.6
Dr.	RAMAIYAN	KALAIVANI	PROFESSOR	24-05-1979	1-449293955	Ph.D.	21.7
Dr.	ALAVANTHAN	RAJALAKSHMI	PROFESSOR	06-11-1980	1-449293959	Ph.D.	19.4
Mr.	ISRAEL	PHILIP PRAVEEN	PROFESSOR	15-02-1976	1-449312441		25.5
Dr.	VENKATESAN	GEETHA PRIYA	PROFESSOR	27-05-1976	1-449312445	Ph.D.	24.6
Dr.	ALBERT	HEPZIBAH	PROFESSOR	03-09-1979	1-449312467	Ph.D.	22.3
Dr.	THAMIZHARASU	THAMIZHSELVAN	PROFESSOR	13-01-1984	1-449807605	Ph.D.	16.6
Dr.	ARULNATHAN	SELVARAJ	PROFESSOR	30-07-1978	1-449807609	Ph.D.	17.1
Dr.	RAMACHANDRAN	ESSAKIRAJ	PROFESSOR	22-09-1979	1-449807889	Ph.D.	20.1
Dr.	.	KAMALAKANNAN	HOD	05-08-1977	1-4146899928	Ph.D.	17.4
Ms.	CHITRAKUMARAN	AMUTHA	ASST PROFESSOR	25-07-1983	1-2181980603		16.2
Dr.	SHYAM	DANIEL	ASST PROFESSOR	25-11-1985	1-2181980631	Ph.D.	12.7
Mr.	SELVIN	RON CARTER	ASST PROFESSOR	01-11-1989	1-2183127402	M.E.	10.1
Mrs.	VALLIAPPAN	SIVAGAMI	ASST PROFESSOR	13-06-1980	1-2317670244	M.E.	19.7
Ms.	SANKARAN	SIVAMANI	ASST PROFESSOR	23-02-1970	1-2494432312	M.E.	15.4

Ms.	DEVENDIRAN	ANITHA	ASST PROFESSOR	30-03-1992	1-2637604122	M.E.	8.7
Ms.	SENGOLE	JENY SOPHIA	ASST PROFESSOR	04-05-1991	1-3208149057	M.E.	9.2
Ms.	MANIMEGALAI	DAMODARAN	ASST PROFESSOR	14-10-1982	1-8016992837	M.E.	16.9
Ms.	KANTAMALAIPILLAI	VIJAYALAKSHMI	ASST PROFESSOR	18-07-1985	1-9560694529	M.E.	3.5
Dr.	THIRUPRANTHAKA	SARAVANAN	ASST PROFESSOR	31-10-1979	1-449294053	Ph.D.	19.8
Mrs.	KATHIRVEL	JAYASHREE	ASST PROFESSOR	13-11-1980	1-449294057	M.TECH.	18.7
Dr.	THIRUMALAI	SANTHANA KRISHNAN	ASST PROFESSOR	10-08-1977	1-449807431	Ph.D.	20.7
Mrs.	RADHAKRISHNAN	PADMAVATHI	ASST PROFESSOR	02-11-1982	1-449807507	M.E.	17.6
Mrs.	JOSEPH SELVARAJ	ANTO SHEEBA	ASST PROFESSOR	14-05-1984	1-449807881	M.E.	15.5
Ms.	JANAKI CHELLAPPANPI	VINITHA	ASST PROFESSOR	13-11-1979	1-458833486	M.TECH.	19.5
Ms.	PERUNGULAM	SUBASINI	ASST PROFESSOR	11-03-1982	1-43717869421	M.E.	14.5
Mr.	PONNUSAMY	RAGUPATHY	ASST PROFESSOR	11-07-1985	1-1445807946	M.E.	13.8
Ms.	ALAGARSAMY	SOWMIYA	ASST PROFESSOR	13-01-1989	1-1463718593	M.E.	11.5
Dr.	MAHESWARAN	DEVI	ASSOCIATE PROFESSOR	18-07-1973	1-449293951	Ph.D.	21.7
Dr.	ARASAKUMARAN	SANGARI	ASSOCIATE PROFESSOR	10-06-1983	1-449807435	Ph.D.	18.6
Dr.	PANCHATCHARAM	THIRUSENTHIL KUMARAN	ASSOCIATE PROFESSOR	25-10-1984	1-449807717	Ph.D.	14.2
Dr.	PONNANKATTI	SIVARAMAN	ASSOCIATE PROFESSOR	16-06-1986	1-784622847	Ph.D.	12.7

Depeartment of B.E. Mechatronics Engineering

Title	First Name	Last Name	Designation	Date of Birth	Faculty Unique ID	Highest Qualification	Teaching Exp
Dr.	VAJJIRAM	SANTHANAM	PROFESSOR	02-02-1979	1-449875637	Ph.D.	22.2
Dr.	PALANIAPPAN	CHANDRAMOHAN	PROFESSOR	05-05-1976	1-455709091	Ph.D.	19.5
Dr.	RITESH	BHAT	HOD	25-07-1986	1-707661446	Ph.D.	15.1
Mr.	NATARAJAN	ARUN	ASST PROFESSOR	07-04-1986	1-2185949409	M.E.	8.6
Mr.	MARICHAMY	SRIDHARAN	ASST PROFESSOR	11-01-1990	1-2708772563	M.E.	8.7
Ms.	DURAI	BHARATHI	ASST PROFESSOR	06-04-1991	1-3204986424	M.E.	6.5
Mr.	GAJENDRAN	NARESHBABU	ASST PROFESSOR	24-02-1992	1-4473059332	M.E.	7.7
Ms.	SIVASUBRAMANIAN	NIVETHITHA	ASST PROFESSOR	15-10-1992	1-4473059340	M.E.	5.7
Mr.	ELANGO VAN	PRAKASH	ASST PROFESSOR	21-06-1991	1-9505872125	M.E.	9.1
Mr.	VENUSAMY	KANAGARAJ	ASST PROFESSOR	19-03-1982	1-43369374558	M.E.	13.1
Mr.	ANNAMALAI	VIMALESH	ASST PROFESSOR	13-06-1986	1-43369374582	M.E.	2.1
Dr.	MANICKAM	BALAKARTHIKEYAN	ASSOCIATE PROFESSOR	21-11-1981	1-4472703759	Ph.D.	16.9

Depeartment of B.Tech. Information Technology and M.Tech. Data Science

Title	First Name	Last Name	Designation	Date of Birth	Faculty Unique ID	Highest Qualification	Teaching Exp
Dr.	PRASANNA KUMARI	VITTALRAO	PROFESSOR	19-04-1976	1-3558767133	Ph.D.	24.1
Dr.	ANBARASAN	KALAIVANI	PROFESSOR	08-07-1975	1-3869784870	Ph.D.	22.5
Dr.	SWAMINATHAN	SUBBAIYA	PROFESSOR	26-11-1973	1-4496394209	Ph.D.	18.6
Dr.	POOCHIAPPAN	NEELAVENI	PROFESSOR	03-01-1975	1-10530629575	Ph.D.	21.6
Dr.	BALASUNDARAM	MUTHUKUMAR	PROFESSOR	25-07-1975	1-10559256051	Ph.D.	22.1
Dr.	LOGANATHAN	PRIYA	PROFESSOR	04-07-1979	1-450067313	Ph.D.	21.1
Dr.	MUNIRATHINAM	BABU	PROFESSOR	07-04-1976	1-453989177	Ph.D.	25.6
Mrs.	KANNAN	PRIYA	HOD	16-10-1977	1-446186177	Ph.D.	18.6
Ms.	NISHA	SHOBANAJAY	ASST PROFESSOR	21-06-1980	1-3355811858	M.Phil., M.C.A.	15.6
Ms.	MUTHAIYA	MADHURANI	ASST PROFESSOR	24-01-1986	1-4238019934	M.E.	14.8
Ms.	SETHURAMAN	BHALASHRISETHURAMAN	ASST PROFESSOR	01-02-1994	1-4530001634	M.E.	5.2
Mr.	KARUPPASAMY	RAMYA	ASST PROFESSOR	08-08-1988	1-7459265201	M.Tech.	9.7
Mrs.	RAJASEKAR	SAROORAJ	ASST PROFESSOR	07-07-1988	1-9313800735	M.E.	12.4
Ms.	BALASUBRAMANIAN	DURGALAKSHMI	ASST PROFESSOR	30-05-1984	1-11291423178	M.C.A. M.E.	15.1
Mrs.	SARANGAPANI	USHA	ASST PROFESSOR	03-05-1984	1-450938995	M.Tech.	17.6
Ms.	.	LEENA JENIFER	ASST PROFESSOR	12-12-1987	1-744777044	M.E.	8.9
Ms.	KANNUCHAMY	INDUMATHI	ASST PROFESSOR	16-04-1984	1-43411291851	M.E.	12.4
Ms.	PACKIRISAMY	MAHALAKSHMI	ASST PROFESSOR	08-06-1990	1-43411291911	M.E.	1.1
Ms.	ARUNA JAMEELA	ANBUMONY PRAMEELA	ASST PROFESSOR	29-10-1989	1-43412072801	M.E.	1.8
Mr.	MANICKARAJ	SANDHIYA	ASST PROFESSOR	28-08-1993	1-43413970372	M.E.	3.8
Ms.	MADHURESAN	PRAGADEESH	ASST PROFESSOR	02-10-1997	1-43417442601	M.E.	1.1
Mrs.	JANAKI RAMAN	KALAIVANI	ASST PROFESSOR	03-03-1999	1-43710870856	M.E.	0.1
Dr.	PADMINI	S	ASST PROFESSOR	03-05-1983	1-43710917438	Ph.D.	0.7
	MURUGAN	NALINI	ASSOCIATE PROFESSOR	04-05-1977	1-11332955762	M.E. M.C.a	16.8

Depeartment of B.Tech. Food Technology

Title	First Name	Last Name	Designation	Date of Birth	Faculty Unique ID	Highest Qualification	Teaching Exp
Dr.	VENKATAKRISHNAN	SUDHAKAR	PROFESSOR	12-01-1965	1-3545422613	Ph.D.	22.8
Dr.	KULATHOORAN	RAMALAKSHMI	HOD	21-07-1966	1-7397759958	Ph.D.	17.1
Ms.	KUMARAGURUPARASV	MANONMANI	ASST PROFESSOR	03-04-1993	1-3545338857	M.Tech.	7.1
Ms.	.	HEMA MALINI	ASST PROFESSOR	16-07-1996	1-7399550818	M.Tech	4.6
Ms.	GOPINATH	ARUTHRADEVI	ASST PROFESSOR	05-06-1995	1-9312766613	M.Tech.	3.6
Mrs.	ANTONY	KULASTIC JASSY	ASST PROFESSOR	27-08-1995	1-9479067424	M.Tech	2.2
Dr.	NIVEADHITHA	SUNDARAMOORTHY	ASST PROFESSOR	03-04-1991	1-9547045105	Ph.D.	22.8
Mrs.	A	SRIMAGAL	ASST PROFESSOR	24-03-1993	1-11046277871	M.Tech	5.2
Ms.	BOKAM	SIVANI	ASST PROFESSOR	04-08-1996	1-43412071971	M.Tech	1.5
Ms.	KIRTHIKA SURESH	SURESH KUMAR	ASST PROFESSOR	06-08-1996	1-43712835881	M.Tech.	0.5
Ms.	VARJIRAVEL	MONICA	ASST PROFESSOR	15-03-2000	1-43712835888	M.Tech.	1
Dr.	PURUSHOTHAMAN	BHARATHI	ASSOCIATE PROFESSOR	24-08-1983	1-43369374626	Ph.D.	15.5

Depeartment of B.Tech. Computer Science and Business Systems

Title	First Name	Last Name	Designation	Date of Birth	Faculty Unique ID	Highest Qualification	Teaching Exp
Dr.	SHANMUGAPRIYA	PRAKASAM	PROFESSOR	07-12-1981	1-3738535870	Ph.D.	20.7
Dr.	PALANICHAMY	TAMILSELVI	PROFESSOR	30-05-1972	1-7491941498	Ph.D.	26.4
Dr.	VEERABHARATHI	DEVAKI	HOD	16-06-1973	1-3355811705	Ph.D.	20.6
Ms.	JESTINSOPHINTHARAJ	JINU SOPHIA	ASST PROFESSOR	10-05-1984	1-7397760139	M.E.	15.8
Mrs.	VENGATACHALAM	ARIYAMALA	ASST PROFESSOR	10-02-1989	1-7512927353	M.Tech.	20.5
Ms.	JAYAKUMAR	PREETHI	ASST PROFESSOR	07-03-1996	1-9313680084	M.Tech.	0.2
Ms.	SETHURAMAN	BAKIYALAKSHMI	ASST PROFESSOR	10-11-1991	1-9323090807	M.E.	5.8
Mrs.	KALIMUTHU	MENAGA	ASST PROFESSOR	17-12-1989	1-9433061256	M.E.	4
Ms.	ABINAYA	CHARAN BEEMAKAR	ASST PROFESSOR	08-09-1998	1-11583996798	M.E.	2.3
Ms.	POORNIMATHI	KRISHNAN	ASST PROFESSOR	16-09-1983	1-450067317	M.Tech.	18.8
Mr.	VIJAY	KUMAR	ASST PROFESSOR	12-06-1983	1-784674831	M.E.	2.3
Ms.	FOWZIA SIHANA	BASHEER AHMED	ASST PROFESSOR	29-06-1985	1-784675560	M.E.	8.5
Mrs.	DIVYA	MARIMUTHU	ASST PROFESSOR	10-11-1990	1-43366743355	M.E.	2.1
Ms.	MANICKAM	MAHARASI	ASST PROFESSOR	02-04-1972	1-43412072239	M.C.A., M.E.	20.4
Ms.	DHAKSHINAMURTHI	KALPANA	ASST PROFESSOR	08-07-1988	1-43715658440	M.E.	3.1
Mrs.	MANI	JAYANTHI	ASST PROFESSOR	23-07-1987	1-44081157711	M.E.	11.7
Dr.	ARAVAMUTHAN	VISHNUKUMAR	ASSOCIATE PROFESSOR	01-06-1985	1-405879477	Ph.D.	14.4

Depeartment of B.Tech. Computer Science and Design

Title	First Name	Last Name	Designation	Date of Birth	Faculty Unique ID	Highest Qualification	Teaching Exp
Mr.	SRINIVASAN	SURESHKUMAR	PROFESSOR	11-12-1975	1-446133187	M.E.	21.7
Dr.	PADMANABAN	REVATHY	HOD	05-11-1976	1-446133145	Ph.D.	23.2
Mr.	KANDASAMY	VIJAY	ASST PROFESSOR	04-05-1985	1-2316641414	M.E.	17.6
Mrs.	AKSHEYA	SURESH	ASST PROFESSOR	01-03-1991	1-3557025166	M.E.	5.6
Mrs.	AUXILIA	NANCY	ASST PROFESSOR	07-02-1983	1-9487692509	M.Tech.	13.3
Mr.	VELURI	RAHULCHIRANJEEVI	ASST PROFESSOR	18-03-1994	1-43371019363	M.E.	2.4
Ms.	RAJA	ABILASHA	ASST PROFESSOR	28-07-1995	1-43715658402	M.S.	0.2
Mrs.	BHAGYALAKSHMI	THIRUPPATHI	ASST PROFESSOR	15-08-1999	1-44026872975	M.E.	0.2
Dr.	KRISHNAMURTHY	ANAND	ASSOCIATE PROFESSOR	22-05-1975	1-9312271811	Ph.D.	12.6
Mr.	UMAMAHESWARA RAO	SALAKA	ASSOCIATE PROFESSOR	13-08-1980	1-44026214106	M.A., M.F.A	16.4

Depeartment of B.Tech. Artificial Intelligence and Machine Learning

Title	First Name	Last Name	Designation	Date of Birth	Faculty Unique ID	Highest Qualification	Teaching Exp
Dr.	KRISHNAMURTHY	REVATTHY KRISHNAMURTHY	PROFESSOR	28-05-1974	1-7344655574	Ph.D.	18
Dr.	KARUPPANNAN	SEKAR	HOD	24-07-1974	1-43814860938	Ph.D.	19.8
Mr.	GOPINATH	KRISHNAN	ASST PROFESSOR	25-06-1986	1-2282374825	M.E.	13.1
Mrs.	MATHIZHAGAN	MANJU	ASST PROFESSOR	16-07-1988	1-3201297642	M.E.	4
Mr.	DEVENDAR RAO	BABU RAO	ASST PROFESSOR	06-08-1985	1-3707279822	M.E.	9.9
Ms.	SRIDHARAN	MAHALAKSHMI	ASST PROFESSOR	04-07-1992	1-4144564482	M.E.	7.6
Ms.	.	RENUKADEVI	ASST PROFESSOR	03-12-1991	1-4674800639	M.E.	8.4
Ms.	.	ANITHA	ASST PROFESSOR	19-09-1982	1-4715706252	M.Tech	1.9
Mrs.	VENKATESAN	AKSHAYA	ASST PROFESSOR	24-05-1991	1-7427701323	M.E.	5.6
Ms.	SANGEETHAK	BIJU	ASST PROFESSOR	07-11-1979	1-7651225097	M.Tech	9.6
Ms.	SELVARAJ	SARANYA	ASST PROFESSOR	01-01-1996	1-7683678487	M.E.	3.5
Ms.	THANGARAJAN	ALOYSIE ANISHA	ASST PROFESSOR	03-02-1998	1-10797781381	M.E.	1.2
Ms.	SOUNDAR RAJAN	SREE SUBHA	ASST PROFESSOR	15-08-1984	1-450939017	M.Tech	1.1
Mrs.	PERUMAL	JAYASRI	ASST PROFESSOR	20-07-1983	1-452626662	M.E.	17.1
Mr.	THIYAGARAJAN	GNANASEKARAN	ASST PROFESSOR	21-01-1984	1-761280532	M.E.	16.3
Ms.	TUPILI	SANGEETHA	ASST PROFESSOR	01-07-1980	1-795420860	M.E.	12.3
Mrs.	SIVAPRAKASAM	DIVYA	ASST PROFESSOR	09-01-1991	1-43381834729	M.E.	0.2
Ms.	MUGAIDEEN BEERKAS	SHAFIYA BANU	ASST PROFESSOR	05-02-1993	1-43811697067	M.E.	2.4
Ms.	DEIVAKUMAR	MAHESWARI	ASST PROFESSOR	22-06-1999	1-43814860931	M.E.	0.7
Ms.	YACOB RAJ	NIRMALA ANANDHI	ASST PROFESSOR	25-06-1991	1-44026214290	M.E.	6.1
Mr.	GOPALAKRISHNAN	RAMASUBRAMANIAN	ASSOCIATE PROFESSOR	28-02-1975	1-7580971755	M.Tech	23.1

Depeartment of B.Tech. Artificial Intelligence and Data Science

Title	First Name	Last Name	Designation	Date of Birth	Faculty Unique ID	Highest Qualification	Teaching Exp
Dr.	PONNUVEL	INDIRA PRIYA	PROFESSOR	01-01-1982	1-9478347462	Ph.D.	15.5
Ms.	KANAGAM	SOWMIA	ASST PROFESSOR	16-02-1985	1-7399680026	M.Tech.	13.6
Ms.	JOHN ELDER BHONE	ADLIN LAYOLA	ASST PROFESSOR	01-02-1994	1-10553150481	M.E.	3.4

Depeartment of B.E. Computer Science and Engineering [Cyber Security]

Title	First Name	Last Name	Designation	Date of Birth	Faculty Unique ID	Highest Qualification	Teaching Exp
Dr.	CHANDRAVINOTHAN	PARTHASARATHY	PROFESSOR	23-06-1969	1-44081849321	Ph.D.	17
Mr.	BENEDICT	NICHOLAS	ASST PROFESSOR	21-03-1977	1-446186059	M.E.	19.6
Dr.	SHANMUGAM	PALANI	ASST PROFESSOR	17-11-1983	1-463254769	Ph.D.	16.4

Depeartment of Mechanical Engineering and Engineering Design

Title	First Name	Last Name	Designation	Date of Birth	Faculty Unique ID	Highest Qualification	Teaching Exp
Dr.	SUNDARA RAMANUJAN	DHANDAPANI	PROFESSOR	12-01-1970	1-3207203462	Ph.D.	22.9
Dr.	SUBRAMANI	SEKAR	PROFESSOR	16-05-1970	1-4238019884	Ph.D.	21.7
Dr.	SRIDHAR	VENKAT PRASAT	PROFESSOR	15-11-1971	1-7486411716	Ph.D.	25.4
Dr.	SUBRAMANIAN	BASKAR	PROFESSOR	09-10-1978	1-9511162423	Ph.D.	10.9
Dr.	SENGALANI	SRINIVASAN	PROFESSOR	08-08-1974	1-449765159	Ph.D.	24.8
Dr.	ARONDOSS	RAJKUMAR	PROFESSOR	02-04-1974	1-449977433	Ph.D.	19.1
Dr.	NARAYANAN	VENKATESHWARAN	PROFESSOR	11-09-1975	1-452223111	Ph.D.	23.7
Dr.	SUDHARSAN	NATTERI	PROFESSOR	25-04-1966	1-502656711	Ph.D.	25.7
Dr.	SURULI	MURUGESAN	PRINCIPAL	01-04-1969	1-449287649	Ph.D.	32.3
Dr.	RADHAKRISHNAN	SHANTHI	HOD	09-09-1978	1-9314319574	Ph.D.	22.6
Mr.	ABRAHAM	SULAIBAR	ASST PROFESSOR	18-02-1982	1-2185854682	M.E.	16.6
Mr.	SOUNDARAJAN	HARIRAM	ASST PROFESSOR	04-10-1988	1-2185949401	M.E.	10.6
Mr.	SHANMUGAM	VINOTH KUMAR	ASST PROFESSOR	28-11-1985	1-2185949756	M.E.	5.2
Mr.	MURUGAN	CHENTHIL	ASST PROFESSOR	22-12-1987	1-2198770329	M.E.	8.7
Ms.	SUNDARARAMAN	KUZHALI	ASST PROFESSOR	04-07-1991	1-2304084183	M.Tech.	4.1
Mr.	MAMALLAN	SANTHANAKRISHNAN	ASST PROFESSOR	11-02-1990	1-2640308793	M.E.	9.8
Mr.	KAMALANATHAN	LOGANATHAN	ASST PROFESSOR	11-06-1982	1-2640308894	M.Tech	13.7
Mr.	PRITHIVIRAJ	DHANABAL	ASST PROFESSOR	05-08-1982	1-2642164813	M.E.	8.7
Mr.	POONUSWAMY	DINESHKUMAR	ASST PROFESSOR	30-05-1991	1-2642197946	M.E.	8.7
Ms.	PRABHU	VIDHUSHINI	ASST PROFESSOR	11-03-1989	1-2663861853	M.E.	5.6
Mr.	LAKSHMANAN	TAMIZHSELVAN	ASST PROFESSOR	19-10-1987	1-3195462203	M.E	10.5
Mr.	DIVYANATHAN	ABRAHAM ANTHONY	ASST PROFESSOR	01-06-1993	1-3204986192	M.E.	7.7
Mr.	MATHIVATHANAN THAJIN	AJIN	ASST PROFESSOR	24-06-1992	1-3207122362	M.E.	7.6
Mrs.	RAMU	ARUNA	ASST PROFESSOR	03-03-1992	1-3207134965	M.Tech.	7.6
Mr.	MARAN	RAJKUMAR	ASST PROFESSOR	19-12-1989	1-3557506891	M.E.	10.5
Mr.	KARRUPPAIAH	VIGNESHWARAN	ASST PROFESSOR	16-12-1981	1-3557552565	M.E.	7.1
Mr.	ASAITHAMBI	SIVANAND	ASST PROFESSOR	22-02-1982	1-3557577588	M.Tech.	16.1

Mr.	MANICKAM	NATARAJAN	ASST PROFESSOR	31-05-1978	1-3557596144	M.E.	11.6
Mr.	BALAKRISHAN	RAJESH KUMAR	ASST PROFESSOR	04-09-1975	1-3557646894	M.E	19.3
Mr.	NAVANEETHAKANNAN	PARTHIBAN	ASST PROFESSOR	24-10-1990	1-4238019913	M.E.	9.7
Mr.	GHADHATHARAN	VETRIVEL	ASST PROFESSOR	05-01-1995	1-7400173504	M.E.	4.7
Dr.	SHANKAR	EMAROSE	ASST PROFESSOR	16-04-1980	1-449977551	Ph.D.	20.1
Dr.	CHOCKALINGAM	DEVANATHAN	ASST PROFESSOR	06-07-1983	1-449977559	Ph.D.	13.7
Mr.	RAMANUJAM	RAGAVENDIRAN	ASST PROFESSOR	26-01-1983	1-727702816	M.E.	18.5
Mr.	PERIYASAMY	MUTHAIMANOJ	ASST PROFESSOR	02-05-1991	1-43369398596	Ph.D.	14.7
Mr.	PARTHIBAN	MANICKAM	ASST PROFESSOR	07-09-1954	1-43416753691	M.E.	16.7
Dr.	SUBRAMANIAM	SENTHIL MURUGAN	ASST PROFESSOR	20-07-1984	1-1415338258	Ph.D.	12.3
Dr.	PICHANDI	CHANDRASEKAR	ASST PROFESSOR	09-07-1986	1-1446232440	Ph.D.	11.7
Dr.	SEETHARAMAN	ARUL MURUGAN	ASST PROFESSOR	01-09-1984	1-1446232454	Ph.D.	13.8
Mr.	PACHIAPPAN	ARUMUGAM	ASSOCIATE PROFESSOR	26-03-1974	1-2186094993	M.E	22.1
Mr.	MUTHIAH	CHIDAMBARAM	ASSOCIATE PROFESSOR	14-06-1979	1-2316730193	M.E.	20.7
Dr.	ANNAMALAI	PARAMASIVAM	ASSOCIATE PROFESSOR	18-08-1977	1-3557429032	Ph.D.	19.7
Mr.	RAMACHANDRAN	DHANARAJ	ASSOCIATE PROFESSOR	03-06-1971	1-3557486367	M.E.	28.1
Dr.	KUMAR	SUBURAYAN	ASSOCIATE PROFESSOR	05-06-1983	1-3557627292	Ph.D.	15.8
Mr.	PANNEERSELVAN	SUBRAMANIAN	ASSOCIATE PROFESSOR	25-02-1976	1-449875871	M.E.	22.5
Dr.	RAMYA	GANESAN	ASSOCIATE PROFESSOR	19-07-1982	1-449977555	Ph.D.	18.7
Mr.	NIGAM	VINOTH BABU	ASSOCIATE PROFESSOR	12-04-1978	1-1446232433	M.E.	24.3
Dr.	SOMANATHAN	GIRISANKAR	ASSOCIATE PROFESSOR	29-07-1969	1-1472360004	Ph.D.	

Depeartment of Robotics and Automation

Title	First Name	Last Name	Designation	Date of Birth	Faculty Unique ID	Highest Qualification	Teaching Exp
Dr.	RAGHAVENDRAN	GIRI	HOD	02-05-1973	1-449875879	Ph.D.	22.5
Mr.	ESWARAN	ARUMUGAM	ASST PROFESSOR	02-07-1985	1-2642164825	M.E.	10.8
Mr.	.	VENUGOPAL	ASST PROFESSOR	11-08-1985	1-3547050853	M.E.	5.8
Mr.	SANTHANASEKARAN	RAMKUMAR	ASST PROFESSOR	09-12-1991	1-3557345262	M.E.	8.4
Ms.	R	PRIYADHARSHINI	ASST PROFESSOR	20-06-1992	1-10545135040	M.E.	1.1
Dr.	RAJA	RAJENDRAN	ASST PROFESSOR	14-05-1989	1-43369034496	Ph.D.	2.5
Dr.	PAZHANIKUMAR	VIMALA NATHAN	ASST PROFESSOR	04-04-1988	1-43369034514	Ph.D.	9
Mr.	LOGANATHAN	GANESHBABU	ASST PROFESSOR	27-06-1986	1-43713292121	M.E.	16.5
Mr.	.	SARAVANAN	ASST PROFESSOR	04-05-1985	1-43713292128	M.E.	17
Dr.	SAMBANDAMOORTHY	SENTHILRAJAN	ASST PROFESSOR	21-09-1980	1-1432856874	Ph.D.	0.5

Depeartment of Science and Humanities

Title	First Name	Last Name	Designation	Date of Birth	Faculty Unique ID	Highest Qualification	Teaching Exp
Dr.	SESHADRI	JAYAKUMAR	PROFESSOR	27-10-1971	1-3217185728	Ph.D.	26
Dr.	.	VENKATAMUTHUKUMAR	PROFESSOR	29-04-1969	1-3869825018	Ph.D.	21.8
Dr.	LAKSHMI	VELU	PROFESSOR	27-04-1969	1-449556497	Ph.D.	30
Dr.	VASUMATHI	VASUDEVAN	PROFESSOR	29-07-1976	1-458311453	Ph.D.	24.2
Dr.	MUNISAMY	MUTHUSAMY	HOD	05-10-1967	1-449556445	Ph.D.	33.6
Dr.	KANDASAMY	SENTHILKUMAR	ASST PROFESSOR	20-07-1976	1-2184411533	Ph.D.	20.6
Ms.	G	JANET	ASST PROFESSOR	05-10-1978	1-2184411600	M.Phil	12.7
Ms.	RAMALINGAM	NATHIYA	ASST PROFESSOR	04-01-1986	1-2184584539	M.Phil	13.8
Mr.	SUNIL	KUMAR	ASST PROFESSOR	18-05-1981	1-2184640403	M.Phil	18.2
Dr.	LATHA	BALASAMY	ASST PROFESSOR	20-05-1974	1-2187827596	Ph.D.	16.1
Dr.	KANTHASAMY	SURESH BABU	ASST PROFESSOR	05-03-1982	1-2317670173	Ph.D.	17.6
Mr.	VADIVEL	INBARAJ	ASST PROFESSOR	16-04-1984	1-2634916383	M.Phil	11.8
Dr.	JASMINE	STEPHENRAJ	ASST PROFESSOR	27-07-1978	1-2637604093	Ph.D.	15.5
Ms.	ANDRIA	BABU	ASST PROFESSOR	30-11-1989	1-2641289674	M.Phil	9.7

Dr.	SRINIVASAN	MOHAN	ASST PROFESSOR	09-03-1982	1-2642296509	Ph.D.	13.7
Dr.	RAMASWAMY	TAMILSELVI	ASST PROFESSOR	16-12-1982	1-3187343596	Ph.D.	10.6
Mrs.	CHANDRASEKRAN	GEETHA	ASST PROFESSOR	28-10-1982	1-3207156868	M.Phil	14
Dr.	UDHAYAKUMARI	DURAISAMY	ASST PROFESSOR	12-01-1989	1-3557776603	Ph.D.	7.8
Dr.	GANDHI	SARAVANAKUMAR	ASST PROFESSOR	29-10-1988	1-3557845120	Ph.D.	7.5
Dr.	SUNDARAVEL	SURESHKUMAR	ASST PROFESSOR	12-07-1987	1-3557868752	Ph.D.	8.9
Mrs.	SANKARAN	RENUKA	ASST PROFESSOR	14-08-1983	1-3557936237	M.Phil	16.2
Mr.	AZHAGARASU	ARUMAINATHAN	ASST PROFESSOR	17-12-1984	1-3595946393	M.Phil	13.8
Dr.	RAJENDRAN	MUTHUPRADEEPA	ASST PROFESSOR	27-07-1987	1-3657303605	Ph.D.	2.7
Mrs.	SHANMUGANATHAN	VASANTHI	ASST PROFESSOR	26-04-1983	1-3753152777	M.Phil	14.1
Mr.	RAJ KUMAR	SILUVAI DASAN	ASST PROFESSOR	20-07-1989	1-4241612864	M.Phil	13.2

Mr.	VEERAPPAN	RAJKUMAR	ASST PROFESSOR	13-04-1984	1-4241612872	M.Phil	15.3
Mr.	RMURALIDHARAN	MURALIDHARAN	ASST PROFESSOR	27-06-1973	1-4241612937	M.Phil	21.8
Ms.	SUBHA	MAHENDRAN	ASST PROFESSOR	20-05-1985	1-4641519103	M.Phil	12.3
Dr.	VARADHARAJ	BHARATHI	ASST PROFESSOR	11-05-1982	1-4711877270	Ph.D.	15.2
Ms.	LALITHA	SOUNDARARAJAN	ASST PROFESSOR	26-02-1977	1-7391940146	M.Phil	6.3
Ms.	VIJAYAKUMAR	SHAKILA	ASST PROFESSOR	18-11-1978	1-7400173576	M.Phil	21.5
Ms.	CHANDRASEKARAN	SHANTHINI	ASST PROFESSOR	13-08-1992	1-7400173602	M.Phil	6
Dr.	SOUNDARARAJAN	BHAVANI	ASST PROFESSOR	03-06-1984	1-7400173608	Ph.D.	12.1
Ms.	BHASKARAN	RAJALAKSHMI	ASST PROFESSOR	15-06-1986	1-7401141654	M.Phil	9.7
Mr.	.	JEBARAJ KABRIEL	ASST PROFESSOR	16-02-1978	1-7471793576	M.A.	19.4
Dr.	IYANAR	SANKEEDA	ASST PROFESSOR	03-06-1985	1-7478631354	Ph.D.	6
Dr.	ARUMUGAM	PONMANASELVAN	ASST PROFESSOR	01-07-1992	1-7485960460	Ph.D.	0.5
Mr.	VAJJIRAVELU	SIVAKUMARAN	ASST PROFESSOR	02-06-1975	1-7496957962	M.Phil	23.5
Dr.	SUYAMBRAKASAM	GOBALA KRISHNAN	ASST PROFESSOR	30-03-1984	1-7498405731	Ph.D.	14.5
Mr.	MUNUSAMY	SATHIRAGAVAN	ASST PROFESSOR	17-03-1987	1-7889585989	M.Sc.	10.4
Ms.	PETER	ANGEL	ASST PROFESSOR	15-03-1995	1-9597860695	M.A.	2.5
Dr.	KRISHNAMURTHI	MAGESHWARAN KRISHNAMURTHI	ASST PROFESSOR	03-06-1991	1-10558337207	Ph.D.	2.5
Dr.	PRIYA	NAIR	ASST PROFESSOR	18-09-1991	1-10576321790	Ph.D.	2.6
Dr.	JAYARAMAN	ARIKRISHNAN	ASST PROFESSOR	07-07-1975	1-10656342311	Ph.D.	6.3
Dr.	PERIYASAMPANDIYAN	JEYADURGA	ASST PROFESSOR	04-04-1991	1-10676079851	Ph.D.	5
Dr.	MEENAKSHISUNDHARA	VALLIKKANNU	ASST PROFESSOR	03-06-1979	1-11334968790	Ph.D.	5.5
Ms.	CHINNAIYAN	RENUGA	ASST PROFESSOR	06-06-1983	1-450205899	M.Phil	16.2
Mr.	ANAND RAJ	MOHANRAJ	ASST PROFESSOR	28-07-1978	1-452608485	M.Phil	19.9
Mr.	MURUGESAN	MUTHUMANIKANDAN	ASST PROFESSOR	24-05-1983	1-456189570	M.Phil	17.2
Dr.	RUBARANI	GANGADHARAN	ASST PROFESSOR	03-06-1982	1-457931731	Ph.D.	16.8
Mr.	GURUVARAJ	ANUMANTHA KANNAN	ASST PROFESSOR	18-10-1981	1-457931739	M.Phil	14.7

Dr.	RAVI	KAVITHA	ASST PROFESSOR	03-07-1978	1-463716041	Ph.D.	17.1
Dr.	SELLAPPAN	MOHANDOSS	ASST PROFESSOR	05-12-1982	1-496093380	Ph.D.	15.5
Mr.	ROBERT	HASTIN FERNANDEZ	ASST PROFESSOR	19-03-1983	1-496097691	M.Phil	14.9
Mr.	GOPAL	SRI HARI	ASST PROFESSOR	05-06-1979	1-784852536	M.Phil	18.3
Ms.	GARUDAPPAN	ALAMELU	ASST PROFESSOR	14-09-1976	1-784852540	M.Phil	20.4
Mr.	MEENAKSHI SUNDARA	SANKAR KUMAR	ASST PROFESSOR	15-06-1977	1-784853500	M.Phil	13.7
Mr.	KARTHIKEYAN	VIJAYANARASIMHAN	ASST PROFESSOR	10-05-1985	1-784929584	M.Phil	14.5
Dr.	KANAGARAJ	SEETHALAKSHMI	ASST PROFESSOR	03-04-1982	1-784929588	Ph.D.	15.3
Ms.	VEERAMANI	ANBARASI	ASST PROFESSOR	29-07-1983	1-43372814172	M.Phil	7.3
Dr.	KODHANDAN	SARASWATHI	ASST PROFESSOR	20-10-1991	1-43372814228	Ph.D.	1.3
Ms.	ROHINI	SEKAR	ASST PROFESSOR	03-01-1997	1-43372814379	M.Phil	2.5
Ms.	KARTHIKEYAN	RAGHAVI	ASST PROFESSOR	27-02-1997	1-43710184122	M.A.	3.4
Dr.	BALASUBRAMANIAN	SHARMILA	ASST PROFESSOR	12-06-1979	1-43710184781	Ph.D.	14.3
Mr.	ARUL CHANDRAN	CHARLES SAGAYARAJ	ASST PROFESSOR	08-12-1985	1-43711995366	M.Sc.	11.4
Dr.	SUBRAMANIAN	GOPI KRISHNA	ASST PROFESSOR	14-04-1995	1-43711995668	Ph.D.	0.5
Ms.	.	RAJAANNAM	ASST PROFESSOR	30-05-1983	1-43711995680	M.Phil	4.5
Ms.	SUBRAMONIABHARATHI	ANU	ASST PROFESSOR	13-10-1978	1-1449671886	M.Phil	17.6
Ms.	RAMADOSS	BHAVANI	ASST PROFESSOR	18-04-1983	1-1449671987	M.Phil	11.7
Mr.	MUTHUSWAMY	VIJAY	ASST PROFESSOR	20-05-1976	1-1449672217	M.Phil	26
Mr.	VISWANATHAN	GOPALAKRISHNAN	ASSOCIATE PROFESSOR	03-06-1964	1-2184584667	M.Phil	34
Dr.	BAKTHAVACHALAM	LAKSHMI	ASSOCIATE PROFESSOR	04-06-1978	1-2641269483	Ph.D.	13.6
Dr.	SAVARI	PRABHU	ASSOCIATE PROFESSOR	20-02-1984	1-2653755053	Ph.D.	15.2
Dr.	PARANDHAMAN	VASUDEVAN	ASSOCIATE PROFESSOR	06-06-1977	1-3217185714	Ph.D.	21.6
Dr.	CHARLES	JULIE	ASSOCIATE PROFESSOR	11-10-1978	1-4241612879	Ph.D.	20
Mr.	VIYAGAPPAN	JAMES	ASSOCIATE PROFESSOR	16-02-1980	1-449556953	M.Phil	20.7
Mrs.	RAJALAKSHMY	DHACHINAMOORTHY	ASSOCIATE PROFESSOR	27-01-1978	1-449556957	M.Phil	22.6
Dr.	PONRAJ	HELEN VIJITHA	ASSOCIATE PROFESSOR	03-12-1978	1-449916975	Ph.D.	17.6
Dr.	SOMASUNDARA GANA	RAMADEVI	ASSOCIATE PROFESSOR	05-08-1975	1-458311851	Ph.D.	17.1
Dr.	JAYAVELU	VENKATESAN	ASSOCIATE PROFESSOR	01-05-1982	1-784769384	Ph.D.	18.9

Depeartment of Management Studies

Title	First Name	Last Name	Designation	Date of Birth	Faculty Unique ID	Highest Qualification	Teaching Exp
Mr.	.	KUMAR	ASST PROFESSOR	06-11-1985	1-3587368373	M B A	6.1
Dr.	VALLIAMMAL	MANIVANNAN	PROFESSOR	28-05-1968	1-3798053820	Ph.D.	29.5
Ms.	.	REKHA	ASST PROFESSOR	29-09-1993	1-4794259998	M B A	5
Mrs.	BABITHALUCINRANI	BABIANS	ASST PROFESSOR	24-07-1987	1-7387654789	M B A	14.6
Mrs.	KUMARAN	SAJANA	ASST PROFESSOR	24-07-1987	1-7393556301	M B A	16.5
Mrs.	S K	SARALADEVI	ASST PROFESSOR	02-03-1974	1-7461842214	M B A	11.6
Mr.	.	SHERINMANIRAJ	ASST PROFESSOR	07-06-1992	1-7461842220	M B A	8.7
Dr.	UMA	RAMAN	PRINCIPAL/DIRECTOR	12-02-1976	1-7489475112	Ph.D.	24.2
Ms.	ARUMUGAM	DEVIKOMATHY	ASST PROFESSOR	14-01-1988	1-9598974061	M B A	8.2
Dr.	CANUNGO	RAGOTHAMAN	PROFESSOR	12-08-1956	1-409964973	Ph.D.	20.1
Dr.	SANKARARAMAN	GANAPATHYRAMAN	PROFESSOR	30-06-1975	1-410020909	Ph.D.	26.5
Dr.	SURESH	SUKUMARAN	ASST PROFESSOR	07-07-1983	1-410021009	Ph.D.	17.6
Mr.	PERUMAL	PADMANAABAN	ASST PROFESSOR	18-11-1984	1-43363136936	M B A	16.4
Dr.	ANITHA	ELAVARASI	ASST PROFESSOR	26-12-1983	1-43363316308	Ph.D.	3.7
Ms.	SAMPATH	SILAMBARASI	ASST PROFESSOR	19-06-1986	1-43363316999	M B A	15.5
Dr.	SEEMA	BALAN	ASST PROFESSOR	28-12-1981	1-43402931627	Ph.D.	5.6
Ms.	ISHWARYA	SUBBURATHINAM	ASST PROFESSOR	03-10-2000	1-43724779691	M B A	1.1
Mr.	THONAKODE	PREETHA	ASST PROFESSOR	06-11-1987	1-44028956336	M B A	0.6
Ms.	MOHAN	SHALINI	ASST PROFESSOR	31-03-1999	1-44070663652	M B A	2.5
Mr.	BASKARAN	MONISHKUMAR	ASST PROFESSOR	10-12-1998	1-44070663774	M B A	3.6
Ms.	KALAISELVI	VALLUVAN	ASST PROFESSOR	01-04-1976	1-44070785911	M B A	12.3
Mr.	SRIVATSAV	MURTHY	ASST PROFESSOR	27-11-1977	1-44157138347	M B A	8.5
Mr.	KEPPANAN	SUTHAKAR	ASST PROFESSOR	15-05-1980	1-44238631104	M B A	4.5
Ms.	STANLEY	DEBORAH SHARON	ASST PROFESSOR	11-09-1985	1-1375117949	M.B.A., M.Phil.	12.8

Rajalakshmi Engineering College, Chennai. [7.5 Students Name List]

S.No	Name of the Student	Department	Roll No
1	Vasanth R	AERO	210101045
2	Monika B	AIML	211501050
3	Prathap V	AIML	211501064
4	Ranithkumar L A	AIML	211501076
5	Sandhiya J	AIML	211501086
6	Abdul Kadhir M	BME	210301002
7	Gnanavel P	BME	210301024
8	Nirosha R	BME	210301060
9	Yuvarani C	BME	210301109
10	Arini K	BT	210401013
11	Sangeetha E	BT	210401097
12	Vetritamilan A	BT	210401132
13	Premkumar M	CHEMICAL	210501029
14	Deepa M	CIVIL	210601045
15	Parthiban B	CIVIL	210601029
16	Akash M	CSBS	211401065
17	V KalaiPriyan	CSBS	211401026
18	Meenakshi R	CSD	211701031
19	Sakthivel V S	CSD	211701045
20	Mercy N	CSE	210701157
21	Mohamed Basman M	CSE	210701160
22	Prasadh C	CSE	210701191
23	Purushothaman M	CSE	210701199
24	Ram Prakash L	CSE	210701208
25	Swetha P	CSE	210701277
26	Udhayakumar G	CSE	210701293
27	Vaisharli S	CSE	210701296
28	Vilashini G	CSE	210701308
29	Vishal B	CSE	210701312
30	Vishwa N	CSE	210701315
31	Bhuvaneswari D	ECE	210801032
32	Gokulnath R	ECE	210801052
33	Indhumathi P	ECE	210801067

34	Krishnamoorthy.S	ECE	210801252
35	M.Vasantha Kumar	ECE	210801232
36	Mahalakshmi D	ECE	210801102
37	Nishanthi A	ECE	210801123
38	Yuvashree J	ECE	210801250
39	Akash S	EEE	210901006
40	Aruna H S	EEE	210901012
41	Haritha M	EEE	210901038
42	Santhosh.K	EEE	210901091
43	Saranya S	EEE	210901092
44	Arulmozhi T	FT	
45	Rithika R	FT	211301037
46	Dhasarathan G	IT	211001021
47	Maheswari S	IT	211001055
48	Shemkumar P	IT	211001100
49	Santhosh Kumar N	MCT	211201041
50	Balaji A	MECH	211101012
51	Sivasubramanian M	MECH	211101108
52	Dhivya E	RA	211601010
53	Karthik K	RA	211601020
54	Ranjani	RA	211601033
55	Santhru P	CSD	221701049
56	Hemalatha A	BIOTECH	220401055
57	Aarthi D	BIOTECH	220401002
58	Balamurugan E	BIOTECH	220401028
59	Sathish R	BIOTECH	220401147
60	Nivetha M	BIOTECH	220401110
61	Abinaya A	BIOTECH	220401004
62	Ajithkumar G	CIVIL	220601002
63	Aakash.S	CIVIL	220601001
64	Shobana S	CHEMICAL	220501040
65	Arul V	CHEMICAL	220501003
66	Vaitheeshwari S	MECH	221101127
67	Ashwinraj S	MECH	221101013
68	Dhineshkumar G	MECH	221101023

69	Sivakumar S	MECH	221101100
70	Rishwanth Mukesh S	MECH	221101084
71	Nisha A	FOOD TECH	221301028
72	Sudhakaran A	FOOD TECH	221301051
73	Ranjithkumar R	CSE	220701219
74	Jayashree K	CSE	220701104
75	Sameer D	CSE	220701242
76	C.Aishwarya	CSE	220701017
77	Chithra K	CSE	220701054
78	Prasanth K	CSE	220701200
79	Vanisree S J	CSE	220701308
80	Barathraj V L	CSE	220701038
81	Krishnavarthini K H	CSE	220701136
82	Satheeswaran M	ECE	220801188
83	Abinaya N	ECE	220801007
84	Prithika K	ECE	220801154
85	Sugumar P	ECE	220801212
86	Chandru B	ECE	220801040
87	Haridass P	ECE	220801069
88	Priyadharshini R	ECE	220801155
89	Pavithra P	ECE	220801144
90	Indumathi M	ECE	220801081
91	Dileepkumar R	BME	220301018
92	Pushpalatha P	BME	220301073
93	Praneetha N	BME	220301067
94	Nithya S	BME	220301063
95	Shobika M	AIML	221501132
96	Kavitha T	AIML	221501058
97	Mohanraj K	AIML	221501080
98	Naveen S	AIML	221501086
99	Hega Vasanthan S	AIML	221501044
100	Tamilarasan D	AIML	221501157
101	Vishva S	EEE	220901118
102	Vijayram S	EEE	220901116
103	Poovannan V P	EEE	220901070

104	Yogeshwari N	EEE	220901122
105	Gayathri M	EEE	220901022
106	Sajitha M	RA	221601059
107	Sabarinathan R	RA	221601036
108	Ramya S	CSBS	221401072
109	P . Sneha	CSBS	221401094
110	Abinaya P	CSBS	221401005
111	Mahima M	MCT	221201063
112	Rudhira Kotti M	MCT	221201044
113	Arulselvi K	IT	221001018
114	Rajkumar	IT	221001127
115	Makesh S	IT	221001089
116	Kanmani D	IT	221001070
117	Dhaya.S	IT	221001040
118	C.Parameshwari	IT	221001110
119	B. Mohan	AERO	220101022
120	Nagaarjun V	AERO	220101024
121	Devika C	AIDS	221801009
122	Sandhya J	AIDS	221801044
123	Lingeshwari B	AERO	230101023
124	Sanjay P	AERO	230101047
125	Jeevapriya C	AIDS	231801068
126	Hemalatha L	AIDS	231801055
127	Padmavathy R	AIDS	231801122
128	Gayathri R	AIDS	231801039
129	Asiya Banu S M	AIDS	231801015
130	Ilakkiya R	AIDS	231801060
131	Sanjai T	AIML	231501144
132	Uma Vyshnavi G	AIML	231501176
133	Vishnuseelvam	AIML	231501186
134	Gokulak Kannan P	AIML	231501053
135	Nishanthini	AIML	231501113
136	Subashini R	AIML	231501161
137	Divyanathan R	AUTO	230201009
138	Janani D	BME	230301041

139	Gunasrilan B	BME	230301030
140	Santhiya P	BME	230301096
141	Saranya M	BME	230301098
142	Dharshini R	BME	230301025
143	Santhoshini K	BIOTECH	230401137
144	Oviyapriya V	BIOTECH	230401114
145	Dharun R	BIOTECH	230401033
146	Kalaiselvan K	BIOTECH	230401065
147	Saranya V	BIOTECH	230401138
148	Lakshmiganthan K	BIOTECH	230401078
149	Srimathi R	CHEMICAL	230501052
150	Swetha C	CHEMICAL	230501056
151	Raghu C K	CIVIL\	230601035
152	Vidhyalakshmi S	CIVIL\	230601058
153	Vishali D	CSBS	231401125
154	Jeevitha R	CSBS	231401043
155	Naresh Raj D	CSBS	231401070
156	Subbaiya M	CSBS	231401111
157	Nalini M	CSBS	231401068
158	Jayalakshmi M	CSBS	231401042
159	Lakshmi Narayani V	CSD	231701029
160	Vishalini R	CSD	231701062
161	Manikandan M	CSE	230701174
162	Hari Sankar S	CSE	230701100
163	Deepa S	CSE	230701065
164	Karthika Lakshmi V	CSE	230701142
165	Vetriselvi M	CSE	230701379
166	Bhuvaneshwari K	CSE	230701055
167	Ramya Sreevarshini B	CSE	230701262
168	Praveen M	CSE	230701243
169	Girija S P	CSE	230701092
170	Elumalai B	CSE	230701084
171	Dhanush M	CSE	230701070
172	Udaya Sankar C	CSE [CS]	231901058
173	Keerthana S	CSE [CS]	231901022

174	Surya S	ECE	230801217
175	Santhosh S	ECE	230801180
176	Anu Dharshini N J	ECE	230801018
177	Praveenraj E	ECE	230801142
178	Harithrisha S	ECE	230801067
179	Yoshini Y	ECE	230801248
180	Sujith P	ECE	230801210
181	Thoshiba Vaishnavi M S	EEE	230901111
182	Kishore M	EEE	230901049
183	Thendral R	EEE	230901110
184	Sivaranjini R	EEE	230901095
185	Pandi K	FOOD TECH	231301034
186	Nithiya K	INFO.TECH	231001139
187	Lavanya P	INFO.TECH	231001099
188	Priyadharshini V	INFO.TECH	231001157
189	Madhumitha M	INFO.TECH	231001104
190	Kirankumar B	INFO.TECH	231001093
191	Sharmila E	INFO.TECH	231001189
192	Mohammed Azarudeen S	INFO.TECH	231001113
193	Gowtham S	INFO.TECH	231001050
194	Thiruloga Chandar E	MCT	231201060
195	Lokesh Kumar M	MECH	231101042
196	Madhan C	RA	231601030
197	Yogeswaran R	RA	231601063

Rajalakshmi Engineering College, Chennai.

No. of Scholarship Offered

Reg. No / Name of the Student

170801112 Nitheswaran
170501011 Deepa V
181101196 Vibushnan V
181101039 Chandru N V
180901053 Kayalvizhi S
180301091 Swetha S
180301041 Muneeshwari K
190301075 Sandhiya N
190801095 Lalitha Praba P N
190801097 Madhanraj J
190111001 Arunkumar V
190811001 Sathya Priya A
190811002 Susandhika M
190811003 Umamaheswaru V
190711001 Adlin Layola Ja
190711002 Belshia Jebamalar G
190711003 Keerthika M
190711004 Ponrathi G
190711005 Pragadeesh M
190711006 Pravin T
190911002 Akshaya M
190911003 Jemima P
190911004 Muthu Krishnan K
190911005 Prasanth R
190911006 Srinivasan U
190911007 Sumitha R
191111002 Jessima Praveen H
191111004 Monish S
191011002 Priyadharshini S
191011003 Swetha S
190311002 Akshaya J
190311005 Keerthana B
190311006 Manisha A
190311008 Maria Celestina D
190311009 Monisha R
190311010 Nandhini R
190311011 Reshma M
190311012 Sagaya Deva Niranjana
190411003 Mohan Kumar B S
190411004 Monica M
190411005 Nethra

190411006 Nishka Bhalla
190411007 Nivedha K
190411008 Nivya Devi R
190411009 Saravanan R
190411010 Subhashini S
190411011 Taj Sabreen B
190411012 Yogeswari C

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200411004 Deivayanai V C
200411006 Gayathri S
200411007 Jayalakshmi H
200411008 Jayashree S
200411009 Jeevanantham S
200411010 Kamalesh R
200411011 Karishma S
200411013 Namitha Nandakumar
200411015 Prathinisha Prabhakar
200411016 Rashminiza A
200411017 Vihaa Sree M G
200711002 Sivabharathi P
200811001 Priyanka A

200811003 Sindhu Priya K
200911001 Aishwarya Sri M
201011002 Gowtham S
201011003 Sam Dinesh T D
201011004 Sandra Grace A
201011005 Svetaa S
201011701 Swetha S
201111001 Bharani Kumar G
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220901116 Vijayram S
220901118 Vishva S
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221301028 Nisha A
221301051 Sudhakaran A

221001018 Arulselvi K
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221001110 Parameshwari C
221001127 Rajkumar P N
221201044 Rudhira Kotti M
221101013 Ashwinraj S
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221101084 Rishwanth Mukesh S
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220201013 Pandi Sankar S
220201018 Thirumal S
220501028 Parvez Ahmed J
220501034 Pushpavalli A
220501041 Sumitha
220601003 Babyshalini P
220601005 Gayathri V
220601012 Kalaivani S
220601013 Kausalya N
220601027 Sarojini A
220501001 Abinaya J
220501020 Kaviya J
220501021 Kishore
220501031 Priya P
220601014 Kowsalya E

RAJALAKSHMI ENGINEERING COLLEGE

DEPARTMENT OF AERONAUTICAL ENGINEERING

AVIONICS LAB

S. NO	Name of the Instruments
1	Microprocessor 8085 Kit
2	Oscilloscopes
3	Digital Ic Trainer Kit
4	Analog To Digital Converter
5	Digital To Analog Converter
6	7 Segment Display
7	Demultiplexer Kit
8	Mil Std 1553b

STRUCTURAL AND FLOW SIMULATION LABORATORY

S. NO	Name of the Instruments
1	Computers,
2	Modeling And Analysis Software
3	Ups & Printer,
4	Op,
5	Lcd Ansys Academic Teaching Cfd (25t)

AIRCRAFT STRUCTURES LAB

S.No	Name Of The Instruments
1	Beam Test Apparatus With Weight, Hangers, Beam Stand , Magnetic And Dial Gauges
2	Cantiliver Beam Appratus
3	Column Set Up With Dial Gauges,
4	Thin Walled Pressure Vessle
5	Shear Centre Open Section Equipment
6	Shear Centre Close Section Equipment
7	Unsymmetrical Bending Equipment
8	Wagner Beam Equipment
9	Combined Loading Setup

10	Photo Elasticity Setup,
11	Free And Forced Vibration Setup
12	Digital Strain Indicator
13	Vibration Setup With Accessories,

AIRFRAME REPAIR AND AERO ENGINE LAB

S.No	Name Of The Instruments
1	Shear Cutter
2	Pillar Drilling Machine
3	Bench Vices
4	Radius Bend Bars
5	Pipe Flaring Tools
6	Welding Machine Tig & Mig
7	Composite Fabrication Facilities
8	Strain Gauges And Strain Indicator
9	Air Compressor 1.5 Hp
10	Muffle Furnace
11	Standard Tools For Dismantling And Assembly
12	Aero Engines: Turbo Jet, Turbo Prop, Turbo Fan
13	Precision Instruments
14	Ndt Equipment
15	Ac/Dc Electromagnetic Yoke With Accessories With Intensity Light Kit

COMPUTER AIDED MODELING LABORATORY

S.No	Name Of The Instruments
1	Computers,
2	Modeling And Analysis Software,
3	Ups & Printer,
4	Op,
5	Lcd , Ansys Academic Teaching Cfd (25t)
6	Work Station - Server

AIRCRAFT SYSTEMS AND INSTRUMENTS LAB

S.No	Name Of The Instruments
1	Serviceable Aircraft
2	Hydraulic Jacks
3	Pushpak Aircraft Piston Engines
4	Trestle Adjustable
5	Cable Tensiometer
6	Spirit Level Levelling Board Adjustable Spirit Level And Plumb Bob
7	Precision Instruments

AERODYNAMICS LAB

S.No	Name Of The Instruments
1	Water Flow Channel
2	Subsonic Wind Tunnel, Angle Of Attack Modulator, Smoke Flow Generator With Gang Monometer And Airfoil Models, Pitot Static Tube , Pitot Rake And Force Balance.
3	Heleshaw Apparatus
4	Shadowgraph System

FLIGHT VEHICLE DESIGN LAB

S.No	Name Of The Instruments
1	Computers,
2	Modeling And Analysis Software,
3	Ups & Printer,
4	Op,
5	Lcd Ansys Academic Teaching Cfd (25t)

Flight Control Systems Laboratory

S.No	Name Of The Instruments
1	Computers,
2	Modeling And Analysis Software,
3	Ups & Printer,
4	Op,
5	Lcd Ansys Academic Teaching Cfd (25t)

AIRCRAFT COMPONENT DRAWING

S.No	Name Of The Instruments
1	Computers,
2	Modelling Package,
3	Ups With Battery,
4	Printer

JET PROPULSION LABORATORY

S.No	Name Of The Instruments
1	Supersonic Jet Rig Setup And Multi Channel Pressure Scanner With Flow Visualization Setup.
2	Bomb Calorimeter With Oxygen Cylinder
3	Natural Convection Equipment
4	Forced Convection Equipment
5	Axial Gascade Compressor With Manometter
6	Free Jet And Wall Jet
7	Hybrid Rocket
8	Ram Jet
9	Cd Nozzle Models
10	Diffuser With Wall Pressure Mesurement

Department of Automobile Engineering

Laboratory Name	Sl. No.	Name of the Instruments
Automotive Engines Laboratory	1	Multi cylinder Petrol engine
	2	Multi-cylinder Diesel Engine
	3	Valve Timing and Port timing Diagram Test Rig
	4	Petrol engine fuel systems.
	5	Diesel engine fuel systems.
	6	Experimental setup for $p-\theta$ measuring setup
	7	Single cylinder CI engine Performance and Heat Balance Test Rig
	8	Multicylinder SI engine Performance and Heat Balance Test Rig
	8	Multicylinder CI engine Performance and Heat Balance Test Rig
	9	Automotive engine cooling system
	10	Automotive engine lubrication system
Computer Aided Machine Drawing Lab	1	Computer System : i3, TFT Colour Monitor, 500 GB HDD, 4 GB RAM
	2	Printer
	3	Software: AutoCAD
Automotive Driveline and Chassis Laboratory	1	Heavy duty vehicle chassis frame
	2	Light duty vehicle chassis frame
	3	Wheel alignment Apparatus
	4	Steering gear boxes.
	5	clutches
	6	Light and Heavy gear box
	7	Differential system
	8	Front axle.
	9	Rear axle
	10	suspension systems
	11	braking system
	12	vehicle tyres
	13	vehicle wheels
Automotive Electrical And Electronics Laboratory	1	Battery, hydrometer, voltage tester
	2	Starter motor, regulator, cut-out

	3	Distributor, ignition coil, spark plug
	4	Auto electrical wiring system
	5	Automotive Vehicle sensors and Actuators
	6	DC Shunt Generator Test Rig
	7	DC Shunt and Compound Motor Test Rig.
	8	DC Series Motor Test Rig
	9	Single phase induction motor Test Rig
	10	Three phase induction motor Test Rig.
	11	Rectifiers, filters, logic gates and flip-flops
	12	SCR and IC timer
	13	Sensors like RTD, Load cell, LVDT
	14	ADC interface board
	15	DAC interface board
Computer Aided Vehicle Design Data Characteristics Laboratory	1	Computer System : i3, TFT Colour Monitor, 500 GB HDD, 4 GB RAM
	2	Printer
	3	Software: C / MATLAB
Automotive System Design Laboratory	1	Computer System : i3, TFT Colour Monitor, 500 GB HDD, 4 GB RAM
	2	Printer
	3	Software: 3D Modelling software like CREO
automotive fuels and lubricants laboratory	1	Distillation test Apparatus
	2	Aniline point Apparatus
	3	Bomb Calorimeter
	4	Junkers Calorimeter
	5	Reid vapour pressure test Apparatus
	6	Flash and Fire point apparatus – Open and Closed cup
	7	Abels flash point apparatus for Petrol Fuel
	8	Copper Strip Corrosion Test Apparatus
	9	Cloud and Pour point Apparatus
	10	Redwood Viscometer
	11	Saybolt Viscometer
	12	Kinematic viscosity bath
	13	Ash Content Test Apparatus
	14	Carbon Residue Test Apparatus

	15	Drop point and penetration Apparatus for grease
vehicle dynamics laboratory	1	Computer System : i3, TFT Colour Monitor, 500 GB HDD, 4 GB RAM
	2	Printer
	3	Software: MATLAB
Vehicle Maintenance Laboratory	1	Minor and Major engine tuning setup
	2	Fuel injection calibration test bench with nozzle tester
	3	Engine and Vehicle Scan Tool
	4	Cylinder compression pressure gauge
	5	Vacuum gauge
	6	Spark plug cleaner and tester
	7	Cam angle and rpm tester
	8	Tachometer
	9	Wheel alignment apparatus
	10	Gas welding equipment
	11	Tyre remover
	12	Bearing puller
	13	Head light alignment gauge
	14	Service manuals of petrol, diesel engines
	15	Cylinder reboring machine
	16	Valve grinding machine
	17	Valve lapping machine
	18	HRD tester, Clamp on meter, Hydrometer
Computer Aided Analysis Of Automotive Components Laboratory	1	Computer System : i3, TFT Colour Monitor, 500 GB HDD, 4 GB RAM
	2	Printer
	3	Software: Suitable analysis software (example Ansys)
AI and ML for Automobile Engineers	1	Computer System : i3, TFT Colour Monitor, 500 GB HDD, 4 GB RAM
	2	Printer
	3	Software: Suitable analysis software (example python and open source AI tools)
Two And Three Wheelers Laboratory	1	Two wheeler chassis dynamometer
	2	Two wheeler engine and Three Wheeler Engines
	3	Coil spring test rig

	4	Chain tension test rig
	5	Two wheeler brake and clutch play adjustment
	6	Two wheeler gearbox
	7	Three Wheeler gear box
	8	Three wheeler brake and clutch play adjustment
	9	Three-wheeler steering assembly
	10	Two wheeler and Three wheeler vehicles

Department of Biomedical Engineering

BIOMEDICAL INSTRUMENTATION LAB

S. NO	Name of the Instruments
1	Bio kit make EMG biofeed back
2	Biokit make datascope 8 amplifier system
3	Biokit make biotelemetry
4	Bio kit make Electro surgical Diathermy unit
5	Bio kit make ultrasound doppler flow meter
6	Scientific make CRO
7	Audiometer

DIAGNOSTIC AND THERAPEUTIC EQUIPMENTS LAB

S.No	Name Of The Instruments
1	8 amplifier system
2	Multichannel biotelemetry
3	Biokit make shortwave diathermy unit
4	Arythmia simulator
5	Electrical Isolation System
6	Defibrillator
7	LP 9 Defibrillator (Physio control)
8	Ventolator, Syring infusion pump, centry system Dialysis machine
9	Xbioequiliser 10 channel - USB - DAQ acquisition system with TMI system software

M.E MEDICAL ELECTRONICS

MEDICAL ELECTRONICS LAB

S.No	Name of The Instruments
1	ECG Machine
2	EEG Machine
3	EMG Machine
4	Electrical Safety Analyser
5	Bio pack kit
6	PS-644 Minispir Light spirometer
7	PS-755 Auditory Evoked Potential analyzer
8	Bio pack sensors

Department of Biotechnology

Molecular Biology and Genetic Engineering Lab/

Advanced Molecular Biology and Genetic Engineering Lab

S.NO	NAME OF THE EQUIPMENT
1	GEL DOCUMENTATION SYSTEM
2	UV-TRANS ILLUMINATOR
3	MINI HORIZONTAL ELECTROPHORESIS GEL TANK
4	ORBITAL SHAKER
5	POWER SUPPLY
6	VERTICAL SLAB MINI GEL ELECTROPHORESIS
7	TEMPRATURE WATER BATH
8	CILINICAL CENTRIFUGE REMI
9	LAMINAR AIR FLOW
10	THERMAL CYCLER(PCR)
11	VORTEX MIXER
12	ROCKING PLAT FORM (GEL ROCKER)
13	CENTRIFUGE REMI
14	MICRO CENTRIFUGE REMI
15	HEATING MANTLE(500 ML)
16	SEROLOGICAL WATER BATH SHAKER
17	WATER BATH
18	DIGITAL ELECTRONIC BALANCE(SHIMADZU)
19	DIGITAL ELECTRONIC BALANCE
20	COOLING CENTRIFUGE
21	FREEZE DRYER
22	DEEP FREEZER (-20)

23	CO2 INCUBATOR
24	MICRO PIPETTES

IMMUNOLOGY LAB/
IMMUNOTECHNOLOGY LAB

S.NO	NAME OF THE EQUIPMENT
1	SPINWIN
2	ELISA READER
3	ELISA WASHER
4	WHIRLPOOL 350l
5	VDRL SHAKER
6	COOLING CENTRIFUGE
7	DIGITAL ELECTRONIC BALANCE
8	COOLING CENTRIFUGE
9	MAGNETIC STIRRER WITH HOT PLATE
10	TABLE TOP CENTRIFUGE
11	MICROCENTRIFUGE
12	WESTERN BLOTT APPARATUS
13	MICROSCOPE
14	BIONACULAR MICROSCOPE
15	MICRO PIPETTES
16	COLORIMETER
17	SERVO STABILIZER-5KV
18	SERVO STABILIZER-2KV

BIOCHEMISTRY LAB/
ANALYTICAL TECHNIQUES IN BIOTECHNOLOGY LAB/
PREPARATIVE AND ANALYTICAL TECHNIQUES IN BIOTECHNOLOGIST

S.NO	NAME OF THE EQUIPMENT
1	UV SPECTROPHOTOMETER
2	DIGITAL FLAME PHOTOMETER
3	PHOTOCHEM COLORIMETER
4	NEPHLOMETER
5	HEATING MANTLE
6	HEATING MANTLE (500ml)
7	HOT AIR OVEN
8	INCUBATOR
9	ELETRONIC BALANCE
10	ELETRONIC BALANCE
11	VACCUM DESSICATOR
12	WATER BATH(12 holes)
13	WATER BATH
14	ROTARY SHAKER
15	PH METER DIGITAL
16	FUME HOOD
17	CENTRIFUGE
18	MAGNETIC STIRRER WITH HOT PLATE

MICRO BIOLOGY LAB/
BASIC FOOD AND ENZYME TECHNOLOGY LABORATORY

S.NO	NAME OF THE EQUIPMENT
1	HOT AIR OVEN
2	INCUBATOR
3	CYCLO MIXER
4	BINOCULAR RESEARCH MICROSCOPE
5	BINOCULAR MICROSCOPE
6	INCUBATOR CUM ORBITAL SHAKER
7	LAMINAR AIRFLOW CHAMBER
8	ELECTRONIC BALANCE(shimazdu)
9	AUTOCLAVE
10	COUNTING CHAMBER
11	WATER BATH
12	HOT PLATE
13	OCULAR MICROMETER
14	STAGE MICROMETER
15	Ph METER PROBE
16	CENTRIFUGE

DOWN STREAM PROCESSING LAB/
CHEMICAL ENGINEERING LAB FOR BIOTECHNOLOGISTS

S.NO	NAME OF THE EQUIPMENT
1	FLOW THRO PACKED BED
2	FLOW THRO FLUIDIZED BED
3	ELECTRONIC WEIGHING BALANCE
4	AUTO CLAVE
5	LEAF FILTER
6	PACKED BED DISTLLATION APPARATUS
7	SHELL AND TUBE HEAT EXCHANGER APPARATUS
8	STEAM DISTILLATION UNIT APPARATUS
9	ROTARY SHAKER(16 FLASK,250 to 500MI)
10	ULTRASONIC HOMOGENISER
11	DIGITAL TURBIDITY METER
12	HEATING MANTLE
13	PERISTALTIC PUMP
14	Ph METER
15	UV-VIS SPECTROPHOTOMETER
16	MAGNETIC STIRRER WITH HOT PLATE
17	PERISTALTIC PUMP
18	VORTEX MIXER
19	SPECTROPHOTOMETER ELICO
20	MILLIPORE(ultrafiltration)
21	COLORIMETER

BIO PROCESS LABS/
BIO PROCESS AND DOWN STREAM PROCESSING LAB

S.NO	NAME OF THE EQUIPMENT
1	ORBITAL SHAKING
2	DIGITAL PH METER
3	ROTARY SHAKER(36 FLASK,50 to 100ml)
4	HEATING MANTLE
5	MAGNETIC STIRRER
6	FERMENTOR
7	AUTO CLAVE
8	AUTO CLAVABLE BIOBUNDLE FERMENTOR
9	UV-VIS SPECTROPHOTOMETER
10	ELECTRONIC BALANCE (SHIMADZU)
11	CYCLO MIXER
12	CENTRIFUGE
13	WATERBATH RECTANGULAR
14	COLORIMETER
15	Ph METER

SOPHISTICATED INSTRUMENTATION LAB (HONORS DEGREE)

S.NO	NAME OF THE EQUIPMENT
1	GEL DOCUMENTATION SYSTEM
2	THERMAL CYCLER (PCR)
3	HPLC
4	UV-VIS SPECTROPHOTOMETER
5	ELISA READER
6	ELISA WASHER

BIOINFORMATICS LAB/

NUMERICAL PROGRAMMING FOR BIOTECHNOLOGISTS/

ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

S.NO	NAME OF THE EQUIPMENT
1	HCL PC
2	INTEL CORE2DUO@2.93GHZ
3	4 GB DDR3 RAM
4	320 GB SATA HDD
5	18.5"TFT WIDE SCREEN MONITOR

Department of Civil Engineering

Name of the Laboratory : CADD LAB

S.no	Name of the Instruments
1	System
2	LCD Projectors

Name of the Laboratory : Construction Materials lab

1	Compression Testing Machine
2	Flow Table
3	Concrete Mixer
4	Flexure Testing Machine
5	Vibrating Table
6	Hot Air Oven
7	Sieve Shaker– Motorised
8	Compaction Factor Apparatus
9	Aggregate Impact Testing Machine
10	Leaf Spring Testing machine

Name of the Laboratory : HIGHWAY ENGG. LAB

1	Marshall stability testing machine
2	Ducility testing machine
3	Los Angeles abrasion testing machine
4	Dorry abrasion testing machine

Name of the Laboratory : FLUID MECHANICS AND MACHINERY LAB

1	Centrifugal Pump
2	Reciprocating pump
3	Gear oil Pump
4	Jet Pump
5	Submerisble Pump
6	Ventriometer
7	Orifice meter
8	Pelton Turbine
9	Francis and Kaplan Turbine
10	Bernoulli's Apparatus

Name of the Laboratory : SOIL ENGG. LAB

1	Direct shear test equipment
2	Triaxial compression test machine
3	Relative Density equipment
4	permeability apparatus
5	consolidation test equipment
6	unconfined compression test equipment
7	vane shear test apparatus
8	CBR test equipment
9	standard proctor compaction test apparatus
10	core cutter apparatus
11	sand pouring cylinder apparatus
12	Liquid limit
13	plastic limit and shrinkage limit apparatus
14	sieve set
15	Hydrometer with high speed stirrer
16	sieve shaker
17	hot air oven
18	weighing balance

Name of the Laboratory : STRENGTH OF MATERIAL LAB

1	Universal Testing Machine
2	Impact Testing Machine
3	Torsion Testing Machine
4	Spring Testing Machine
5	Hardness Testing Machine

Name of the Laboratory : SURVEY LAB I

1	GPS
2	Total station
3	Vernier Transit Theodolite
4	Digital Theodolite
5	Dumpy Level, Compass
6	Plane table etc

Name of the Laboratory : WATER AND WASTE WATER ANALYSIS LABORATORY

1	Jar Test Apparatus
2	Chlorine Comparator
3	Turbidity meter
4	Magnetic stirrer with regulator 200 watts
5	Muffle furnace 6"*6" 3000 ml
6	Hot air oven
7	TDS and Conductivity meter
8	BOD incubator
9	Ion selective Electrode
10	Oxygen Analyzer
11	COD Analyzer
12	Weight Balance 0.001 g
13	Laminar air flow
14	Autoclave lab

Department of Chemical Engineering

Name of the Laboratory : Heat Transfer

**Name of the Laboratory : CHEMICAL REACTION
ENGINEERING LAB**

Sl. No.	Name of the Instruments
1	Batch reactor
2	Plug flow reactor
3	Continuous Stirred tank reactor
4	Sono chemical reactor
5	Photochemical reactor
6	Packed bed reactor
7	Combined Reactors
8	Batch Reactive Distillation

Name of the Laboratory : MASS TRANSFER LAB

Sl. No.	Name of the Instruments
1	Simple Distillation
2	Steam Distillation
3	Packed bed distillation
4	Tray dryer
5	Rotary dryer
6	Cooling tower
7	Liquid Liquid Extraction
8	Liquid Absorption
9	Vacuum Drier

Name of the Laboratory : COMPUTER APPLICATIONS IN CHEMICAL ENGINEERING LAB

Sl. No.	Name of the Instruments
1	Computer -15 NO'S MATLAB AND ASPENTECH SOFTWARE

Name of the Laboratory : FLUID MECHANICS LAB

Sl. No.	Name of the Instruments
1	Open drum orifice
2	Annular pipe
3	Helical and spiral coil
4	Drag studies

Name of the Laboratory : PARTICLE SCIENCE AND TECHNOLOGY LAB

Sl. No.	Name of the Instruments
1	Sieve Shaker (Gyratory)
2	Vibrating Sieve Shaker
3	Roll crusher
4	Ball mill
5	Jaw Crusher
6	Elutriator
7	Cyclone Separator
8	Drop weight crusher
9	Plate and Frame & Leaf Filter

Name of the Laboratory : PROCESS CONTROL LAB

Sl. No.	Name of the Instruments
1	Non-Interacting level system
2	Interacting level system
3	Flow controller
4	Pressure Controller
5	Cascade controller
6	Control Valve characteristics
7	U-tube manometer(1st and 2nd Order)
8	Temperature controller

Department of Computer Science and Engineering / Computer Science and Business Systems, Computer Science and Design, Computer Science and Engineering [Cyber Security]

S. No.	Name of the Laboratory	Server Configuration
1	DBMS Lab	IBM Server 8648 IAS - Dual Xeon@3.0Ghz,8 GB RAM,6*73Gb scsi hdd,15"CRT,DVD Writer,RDD SMPS
2	Data Structures Lab	Server- IBMX3400M3 ,xeon Quad Core 2.26GHz,32 GB DDR3 RAM,146 GB hdd,2*500 GB hot swap hdd, DVD Writer,Redundant Poer Supply,cabinet,Keyboard, Optical Mouse,onboard Lan/VGA.
3	Programming Using C Lab/Python Programming Lab	IBM X3500 M4 Server(7383 13 A) Intel 6 Core Xeon E52620@2.00 GHZ Processor(15 MB Cache,1333 Mhz FSB) 8GB@1333 Mhz ECC DDR3 ram 300 GB 10 k Rpm SAS 2.5" HS HDD Dual gigabit E-NeV DVD Writer/KBD/Mouse S.NO.06FKBB2 Add 8GB @ 1333 Mhz ECC DDR3 Ram(49y1397)-1No Add 600GB 10k Rpm SAS 2.5" HDD (94y5974)-1No 750w Redundent Power Supply(94y5974)-1No Raid 5 update serve Raid 1100(81y4542)-1No 3 years Onsite Warrenty 18.5" Wide TFT Color Monitor(Lenovo-2580 AF1) S.no.V302825 3 years Onsite Warrenty
4	Software Engineering Lab	SERVER - HP Z2 G9 INTEL I7/12700/512 GB SSD , 32 GB DDR5 RAM/RTX3070 8 GB GDDDR6 GRAPHICS/WIB=N 11 PRO/ 550 WATT MICROTOWER EPA92 5*12V POWER SUPPLY with HP 64W18AA P24V G5 FHD VA HDMI 24" Monitor
5	Cloud Computing Lab	SERVER - HP Z2 G9 INTEL I7/12700/512 GB SSD , 32 GB DDR5 RAM/RTX3070 8 GB GDDDR6 GRAPHICS/WIB=N 11 PRO/ 550 WATT MICROTOWER EPA92 5*12V POWER SUPPLY with HP 64W18AA P24V G5 FHD VA HDMI 24" Monitor
6	Machine Learning Lab/Deep Learning Lab	SERVER - HP Z2 G9 INTEL I7/12700/512 GB SSD , 32 GB DDR5 RAM/RTX3070 8 GB GDDDR6 GRAPHICS/WIB=N 11 PRO/ 550 WATT MICROTOWER EPA92 5*12V POWER SUPPLY with HP 64W18AA P24V G5 FHD VA HDMI 24" Monitor

Department of Electronics and Communication Engineering

Name of the laboratory: Communication Systems Laboratory

Sl. No.	Name of the Instruments
1	Personal Computer
2	Frequency Meter/Counter
3	Function Generator
4	1 MHz Oscillator
5	Aplab 9 in 1 Test Lab
6	Sampling and Reconstruction Trainer Kit
7	Time Division Multiplexer / Pulse / Amplitude Modulation Demodulation Trainer Kit
8	Time Division Multiplexer / Pulse Code Modulation Transmitter and Receiver Trainer Kit
9	Delta Adaptive Demodulation Trainer Kit
10	Data Formatting and Carrier Trainer Kit
11	Carrier Demodulation Data Receiver Trainer Kit
12	Audio I/P and O/P Module Trainer Kit
13	Pulse Amplitude Modulation, Pulse Position Modulation, Pulse Width Modulation and Demod Trainer Kit
14	Triple Power Supply
15	De-Multiplexer / Multiplexer Coder, Decoder Trainer Kit
16	PSB / SSB Receiver Trainer Kit
17	Frequency Modulation and Demodulation Trainer Kit
18	Amplitude Shift Key, Frequency Shift Key, Pulse Shift Key Trainer Kit Line Coding Kit
19	Time Division Multiplexing and Demultiplexing Kit
20	Cathode Ray Oscilloscope (CRO)
21	Digital Storage Oscilloscope
22	Dual Regulated Power Supply
23	Delta / Sigma Delta and Adaptive Delta Modulation
24	Data Conditioning and Carrier Modulation Kit
25	Data Reconditioning and Carrier Demodulation Kit
26	Mixed Signal Oscilloscope

Name of the laboratory: Embedded System Laboratory and ME Communication Laboratory

Sl. No.	Name of the Instruments
1	Personal Computer
2	Embedded Trainer Kit with ARM Processor
3	XILINX FPGA Interface Module with USB Downloader
4	Zigbee Wireless Interface Module
5	Embedded Trainer Kit with ARM 7 Based Board 32 Bit
6	RF CS Modulator RF Training Kit
7	Model RFS-01 10MHz to 1.15 GHz RF Signal Source
8	Model RFPD-01 10MHz to 500MHz RF Signal Detector
9	RF CS ATS-2002 86- 860MHz Advanced Antenna training System
10	ATS 2002-A Add-on Antenna Training System
11	Video Link Trainer
12	GPS Technology Training System
13	Basic Microstrip Training System 5MHz-2GHz Model MIC10
14	Transmission Line Analyser TLA05
15	Advance Fiber Optical Communication Trainer Kit
16	Basic Transmission Line Trainer
17	100MHz 1GHz/sec with FET Colour DSO
18	Fibre Optic Trainer Kit (ST2502) Advanced
19	3GHz Full S-Parameter PC Based Network Analyzer
20	Advanced Motorized Antenna Measurement Trainer
21	BONFS-KT-4001 ARM Processor
22	Spectrum Analyzer (0.15MHz to 1GHz)
23	60MHz 2 Channel Digital Real Time Storage Oscilloscope with GS/s
24	100MHz 2 Channel Colour Digital Storage Oscilloscope

Name of the laboratory: Basic Electronics I Laboratory

Sl. No.	Name of the Instruments
1	Cathode Ray Oscilloscope
2	Digital Storage Oscilloscope
3	Function Generator
4	Regulated Power Supply
5	Bridge Rectifier Trainer Kit

Name of the laboratory: Basic Electronics II Laboratory

Sl. No.	Name of the Instruments
1	Cathode Ray Oscilloscope
2	Digital Storage Oscilloscope
3	Function Generator
4	Regulated Power Supply
5	Personal Computer

Name of the laboratory: Optical and Microwave Laboratory

Sl. No.	Name of the Instruments
1	Microwave Test Bench - Klystron Source
2	Microwave Test Bench - Gunn Source
3	Microwave Power Meter
4	Cathode Ray Oscilloscope
5	Fiber Optical Trainer Kit
6	Fiber Optical Trainer Kit for Determining Mode Characteristics for Single Mode / Multi Mode Optical Fibre
7	Software Defined Radio - SDR
8	Digital Storage Oscilloscope

Name of the laboratory: Microprocessor and Microcontroller I Lab

Sl. No.	Name of the Instruments
1	8085 Microprocessor Kit
2	8086 Microprocessor Kit
3	8051 Microcontroller Kit
4	Personal Computer
5	Keyboard & Display Interface Cards
6	Stepper Motor Controller (SMC) Card
7	8 Channel Analog to Digital Converter Card (VBM 003)
8	2 Channel Digital to Analog Converter Card (VBM 002)
9	8251/8253 Interface Card
10	Traffic Light Controller (TLC) CARD
11	8279 Keyboard & Display Card
12	8251 Interface Card
13	8255 Programmable Peripheral Interface(PPI) Card
14	8259 Interface Card

Name of the laboratory: Microprocessor and Microcontroller II Lab

Sl. No.	Name of the Instruments
1	8086 Microprocessor Kit
2	8051 Microcontroller Kit
3	8085 Microprocessor Kit
4	Cathode Ray Oscilloscope(CRO)
5	Function Generator (FG)
6	Programmable Logic Controller(PLC) Kit
7	Digital Storage Oscilloscope (DSO)
8	NVIS Programmable Microcontroller Development Board
9	Personal Computer
10	Keyboard & Display Interface Cards
11	Stepper Motor Controller (SMC) Card
12	8 Channel Analog to Digital Converter Card (VBM 003)
13	2 Channel Digital to Analog Converter Card (VBM 002)

14	8251/8253 Interface Card
15	Traffic Light Controller (TLC) CARD
16	8279 Keyboard & Display Card
17	8251 Interface Card
18	8255 Programmable Peripheral Interface(PPI) Card
19	8259 Interface Card

Name of the laboratory: VLSI Lab

Sl. No.	Name of the Instruments
1	Personal Computer
2	Cadence University Bundle - Analog & Digital FE & BE
3	FPGA Protoboard With Spartan -III XC3S400 PQ208C
4	Universal VLSI Base Board
5	FPGA Spartan Trainer Kit

Name of the laboratory: Networks Lab

Sl. No.	Name of the Instruments
1	Personal Computer
2	DCT -03 Data Communication Trainer
3	LTS -01 Local Area Network Trainer
4	Wireless Lan Accessories
5	Network Lab Educational Softwares L-SIM & N -SIM

Name of the laboratory: Digital Signal Processing Laboratory

Sl. No.	Name of the Instruments
1	Personal Computer
2	TMS320C50 Based Trainer Kit (MICRO 50 EB P.F)
3	ADSP 2181 Trainer Kit with On Board Codec with Limited C Compiler
4	TMS320 5416 DSP Trainer Kit PGE Trainer Kit
5	TMS320C6713 DSP Trainer Floating Point Kit
6	DSP Processor Kit - TMS3206748 Floating Point DSP Processor with Accessories

Name of the laboratory: Linear Integrated Circuits Laboratory

Sl. No.	Name of the Instruments
1	Cathode Ray Oscilloscope
2	Function Generator
3	Regulated Power Supply
4	Fixed DC Power Supply
5	Linear IC Trainer Kit
6	Linear IC Tester
7	Digital Storage Oscilloscope
8	Personal Computer

Name of the laboratory: Digital Laboratory I

Sl. No.	Name of the Instruments
1	Digital Trainer Kit
2	Digital IC Tester
3	Personal Computer

Name of the laboratory: Digital Laboratory II

Sl. No.	Name of the Instruments
1	Digital Trainer Kit
2	Digital IC Tester
3	Personal Computer

Name of the laboratory: First Year Electronics Laboratory

Sl. No.	Name of the Instruments
1	Cathode Ray Oscilloscope
2	Function Generator
3	Regulated Power Supply
4	Digital Trainer Kit
5	IC Tester

Department of Electrical & Electronics Engineering

List of Major Equipment

S.No.	Name of the Lab : Electrical Machines Lab (UG)
1	Kirloskar electrical make 5 KVA ,415V,50 Hz,3 phase,star connected, 1500 rpm AC Generator ,m/c No 06AHS05-07.5. 2KW DC shunt motor,220V 1500 rpm , Ms base frame & 3point starter
2	FFO1 no of 250A MCCB,32ANeutral Lines Voltmeter Selector Switch Chambers
3	Rectifier UnitI/P 3Ph 415V, 50C/S AC O/P 0-220V DC Capacity 100A with built in Variac in the I/P Side
4	DC Shunt motor 3HP , 220V, 1500rpm with braking loading arrangement and 3 point starter ELGT
5	DC Shunt motor 3HP, 220V 1500rpm, Coupled with DC shunt generator 2.2KW 220V,1500rpm
6	DC Compound motor 3Hp,220,1500rpm coupled with DC compound generator 4 point starter ELGT
7	Kirloskar electrical make 3.5 KW DC shunt motor,220V 1500 rpm ,
8	Kirloskar electrical make 5 HP DC series motor,220 V 1500 rpm
9	DC Compound motor 5HP coupled with 3 phase squirrel cage Induction Motor MC

10	3 HP DC shunt motor coupled with DC Shunt generator 2.5KW frame
11	DC Shunt motor 3HP 220V,1500rpm, WITH STARTER with Loading Arrangement
12	DC Shunt motor 3HP, 220V 1500rpm, Coupled with DC shunt generator 2.5KW 220V,1500rpm with starter
13	DC series motor 3HP 220V,1500rpm, with Loading Arrangement and with starter
14	Transformer 5KVA 3 phase , 440V/220V
15	5 HP , 3 phase , 1440rpm slipring Induction motor with brake loading arrangement
16	DC Shunt motor 230 V, 5HP, 1500Rpm Coupled with 3phase salient pole alternator M.S. Channel ELG make
17	BENN BEST INDIAN MAKE 5KVA Alternator 3 phase / 4wire 4pole/ 1500rpm,400 - 415 V ,50HZ, Continous rating,horizontal foot mounted, rotor wound stater excited with damper winding Motor
18	DC Shunt motor 7.5 HP Coupled with 5HP synchronous motor make , Benlock. Coupling is separated. 5 KVA alternator is coupled to DC shunt motor
19	BENN MAKE 5 HP, Slip Ring Induction Motor 415V AC,1410 Rpm, Self Fan Cooled Continous rated 132/178 Frame,with brake Loading Arrangement
20	BENN MAKE AC Alternator(Salient Pole for Synchronisation)5KVA,1500RPM,400V-415VAC Sl.no 100.9807(Alternator)
21	3 Phase squirrel cage induction motor 5HP loading setup MC NO:1732J
22	5HP DC Shunt Motor with 3KVA Alternator set with base Arrangement SNO:2K/11/10/259
23	3phase Synchronous Motor 5HP with Loading Arrangement MC NO:SM909.1707
24	Single power factor meter 250V/500V 11/01/105601/4
25	Tachogenerator
26	DC Rectifier 100A , 220V DC
27	Single phase, Resistive load 230V, 10A,2.5KW

S.No.	Name of the Lab : Power Electronics Lab (UG)
1	Single phase IGBT based PWM Inverter
2	IGBT based three phase PWM inverter
3	Forced commutation trainer
4	Three phase SCR based half & full controlled converter
5	SCR half and fully controlled converter
6	Advanced PLC trainer
7	Digital Storage oscilloscope(SI.NOL:C056136), 100 MHz
8	Digital Storage oscilloscope 4 channels, 50 MHz

S.No.	Name of the Lab : Control & Instrumentation Lab (UG)
1	Ward – Leonard system 0.5 HP 1 ϕ induction motor, DC motor&DCG Generator set,1 HP 3 ϕ induction motor coupled with 1 HP DC Generator and 1 HP DC Shunt motor controller module.
2	Linear system simulator Kit
3	AC synchro transmitter Kit
4	DC Position control Kit
5	AC Position control Kit
6	Oil test kit

S.No.	Name of the Lab : Power System Simulation Lab (UG)
1	HITA make 7.5 UPS IGBT, Micro processor Controlled true online UPS with 1hour SMF battery backup
2	PSIM 7.0 power electronics simulation software
3	MATLAB R 2014 b

S.No.	Name of the Lab : Embedded Systems Lab (PG)
1	PS - TYRO ARM9 2129
2	PS - TYRO TMS 32067XX(DSP)
3	U - LINK EMULATOR
4	JET-JTAG DEBUGGER
5	PS - PRIMER 8051 (SLICKER BOARD)
6	PS - PRIMER 8051B
7	PS - PRIMER 8086
8	ADVANCE FPGA UNIVERSAL DEVELOPMENT BOARD (UDB) WITH XILINX CPLD TOP BOARD

S.No.	Name of the Lab : Centre of Excellence in Renewable Energy Systems (UG/PG/Research)
1	PV source, Solar Panel With grid tied inverter & charging inverter ,5 kW, 6KVA
2	Power Quality analyzer ,Fluke - 434 with 4CTs
3	Power Quality analyzer , MI2883
4	dSPACE Harmonic Analyzer ,ACE1104PCIE_CLB_USB; CLP1104
5	7.5kVA Semicron Inverter with Driver Board

Department of Mechanical Engineering

Name of the Laboratory : Centre of Excellence in Computational Fluid Dynamics

Name of the Instruments
32 GB Workstation
64GB workstation
64GB workstation
128 GB workstation
32 GB Workstation

Name of the
Laboratory : MECHATRONICS LABORATORY

.Name of the Instruments
BASIC TRAINER PNEUMATIC KIT
ELECTROPNEUMATIC TRAINER KIT
ELECTROPNEUMATIC TRAINER KIT WITH PLC
AC SERVO MOTOR
PID DC MOTOR
PRESSURE PROCESS STATION
FLOW PROCESS STATION
TEMPERATURE PROCESS STATION
HYDRAULIC TRAINER KIT
STEPPER MOTOR
8051 MICROCONTROLLER
SCIENTECH STEPPER MOTOR CONTROLLER CARD WITH MOTOR
DESKTOP
TRANSDUCER TRAINER KIT
TRAFFIC LIGHT CONTROLLER
STEPPER MOTOR INTERFACE

Name of the Laboratory : Centre of Excellence in Digital Manufacturing
Name of the Instruments
3D Printer
3D Scanner
Free Vibration Setup

Digital Universal Testing Machine
Workstation - Dell Inspire

Name of the Laboratory : Metrology and Measurements

Name of the Instrument
Japan/ Vernier CaliperSp: 0-200 mm
Jaapan/ Digital Vernier Caliper Sp: 0-200 mm
Japan/ Vernier Caliper Sp: 0-200 mm
India/ Digital Vernier Caliper Sp: 0-200 mm
Japan/Outside Micrometer Sp: 0-25 mm
Japan/ Outside MicrometerSp: 0-25 mm
Japan/ Outside MicrometerSp: 0-50 mm
INSIZE/ Outside Micrometer Sp: 0-25 mm
Japan/ Outside Micrometer Sp: 75-100 mm
International Tool Supply/ Outside Micrometer Sp: 0-25 mm
AH Taher & Co./ Dail gauge/ Sp: 0-10 mm
Progressive Trading/ Sp: 0-5 mm
Progressive Trading/ Magnetic Stand
AH Taher & Co./ Dail gauge/ Sp: 0-10 mm
AH Taher & Co./ Magnetic Stand / Sp: 0-10 mm
International Tool Supply/ Dial Gauge Sp: 0-10 mm
International Tool Supply/ Dial Gauge Sp: 0-10 mm
Progressive Trading Corporation/Depth Micrometer Sp: 0-25 mm
Progressive Trading Corporation/Vernier Height Gauge/ Sp: 0-600 mm
International Tool Supply/ vernier Height gauge/ Sp: 0-300 mm
Progressive Trading Corporation/Bore Gauge/ Sp: 2"-6"
Progressive Trading Corporation/Digital Height Gauge/ Sp: 0-300 mm
Metro Metallurgical Equipment/Slip Gauges/ Sp; 83 pieces
International Tool Supply/ Slip Gauge / Sp: 83 Pieces
Modern Metallurgical/ Slip Gauge/ 87 Pieces
Metro Metallurgical Equipment/Sine Bar/ Sp;200 mm
International Tool Supply/ Sine Bar / Sp: 250 mm
Metro Metallurgical Equipment/Profile Projector
International Tool Supply/ CI, V BLOCK
International Tool Supply/ CI Surface Plate
International Tool Supply/ Angle Plate
International Tool Supply/ Thread Plug gauge
International Tool Supply/ Combination Protactor

B.S.Pyramtic Ltd./ Vernier Bevel Protactor
International Tool Supply/ Gear Tooth Vernier
Madras Metallurgical/ Gear Tooth Vernier Caliper
International Tool Supply/ Granite Surface Plate
Madras Metallurgical/ Electronic Comparator
Metro Metallurgical Equipment/Tools Maker Microscope
BS Pyromatic/ Vibration meter set up
BS Pyromatic /Vernier Depth Gauge
BS Pyromatic / Floating Carriage Micrometer
BS Pyromatic / Dual Axis Autocollimator
Modern Metallurgical/ Temperature Set up
Modern Metallurgical/ Force Measurement Set up
Modern Metallurgical/ Torque Measurement Set up
Modern Metallurgical/ Sine Centre
Modern Metallurgical/ Screw Thread Micrometer
Surface Roughness Tester
Supertech Scientific Metallurgical Services/ Digital Ultrasonic Flaw Detector
Progressive Trading/Free Mans Measuring Tape 3 m
Progressive Trading/Kristeel Steel Rule 3 '
Progressive Trading/Vernier Caliper 6"
Progressive Trading/ O/S Micrometer/Range: 25-50 mm
Progressive Trading/ Korean O/S Micrometer/ Range: 25-50 mm
Progressive Trading/ Bore Micrometer/ Range: 5-30 mm
Progressive Trading/ Bore Micrometer/ Range: 50-200 mm
INDYAN WEIGING/AXPERT DIGITAL SCALE 30
INDYAN WEIGING/AXPERT DIGITAL SCALE 100

Name of the Laboratory : Machine Shop

Name of the Instruments
4 1/2 Feet Centre Lathe
All Geared Lathe
Capstan Lathe
Turret Lathe
Tool & Cutter Grinder
Shaping Machine
Universal Milling Machine
Vertical Milling Machine
Slotting Machine

Surface Grinder
Cylindrical Grinder
Upright Drilling Machine
Radial Drilling Machine
Tapping Machine
Gear Hobbing Machine
Metal Cutting Bandsaw
Lathe Tool Dynamometer
Milling Tool Dynamometer
Semi Automatic Injection Moulding Machine
Hand operated Injection Moulding Machine
Hand Shear
Vernier Caliper
Screw Gauge

Name of the Laboratory : CAD LAB

.Name of the Instruments
Desktops
Printer
Scanner
Projector
Laptop
Plotter

Name of the Laboratory : Strength of Materials Lab

Name of the Instruments
FATIGUE TESTING MACHINE
IMPACT TESTING MACHINE
DIGITAL IMPACT TESTING MACHINE
TORSIONAL TESTING MACHINE
TORSIONAL TESTING MACHINE (Analog cum digital)
SPRING TESTING MACHINE
SPRING TESTING MACHINE (Analog capacity 250 kgf)
UNIVERSAL TESTING MACHINE (Analog)
BRINELL HARDNESS TESTING MACHINE
BRINELL HARDNESS TESTING MACHINE WITH MICROSCOPE

ROCKWELL HARDNESS TESTING MACHINE
ROCKWELL HARDNESS TESTING MACHINE 150 kgf
WIRE TESTING MACHINE
COMPRESSION TESTING MACHINE
SIMPLY SUPPORTED BEAM (IN-HOUSE MADE)
ADJUSTABLE SIMPLY SUPPORTED BEAM (IN-HOUSE MADE)
CANTILEVER BEAM
CANTILEVER BEAM WITH DIGITAL DIAL GAUGE & MAGNETIC STAND
MUFFLE FURNACE
DOUBLE DISC POLISHING MACHINE
ROSETTE STRAIN GAUGE
VICKERS HARDNESS TESTER
METALLURGICAL MICROSCOPE
DIAL GAUGE WITH MAGNETIC STAND
BRINELL MICROSCOPE
ANALOG EXTENSOMETER
CLOSED COIL SPRINGS & OPEN COIL SPRINGS
STEEL SCALE 1.0 METRE LENGTH
VERNIER CALIPER
VERNIER CALIPER (YAMAYO)

Name of the Laboratory : Fluid Mechanics and Machinery Lab

Name of the Instruments
CIRCULAR ORIFICE
MOUTH PICE APPARATUS
BERNOULIS APPARATUS
MAJOR LOSS APPARAUS
MINOR LOSS APPARATUS
VENTURI METER
ORIFICE METER
ORIFICE METER (MODIFIED FROM SUBMERSIBLE PUMP)
NOTCHES APPARATUS
METACENTRIC APPARATUS
ROTOMETER
PITOT TUBE TEST RIG
ADJUSTABLE OPEN CHANNEL APPARATUS
JETPUMP TEST RIG

SUBMERSIBLE PUMP
RECIPROCATING PUMP
CENTRIFUGAL PUMP
GEAR OIL PUMP
FRANCIS TURBINE
PELTON WHEEL TURBINE
KAPLAN TURBINE
STOP CLOCK DIGITAL
WATER COOLER SETUP with Stand

Name of the Laboratory : Basic Workshop

Name of the Instruments
Arc Welding AC Transformer
Air Cooled Portable Welding Machine
Arc Welding Booth
O2 and DA Cylinder with accessories
Spot Welding Machine
Carpentry Worktable
Power Tools
Carpentry Tools
Plumbing Worktable
Plumbing Tools
Foundry Tables
Foundry Tools
Sheet Metal Fabrication Worktable
Sheet Metal Fabrication Tools

Name of the Laboratory : Thermal Engineering Lab

Name of the Instruments
Cut section model – 2 stroke petrol engine
Cut section model – 4 stroke diesel engine
Cut section working model of 4 cylinder 4 stroke petrol engine
Cut section working model of 4 cylinder 4 stroke Diesel Engine
Apparatus for Flash and Fire Point
Red Wood Viscometer
4 stroke single cylinder vertical diesel engine with water rheostat

4 stroke twin cylinder diesel engine with swinging dynamometer and resistance loading
4 stroke single cylinder slow speed diesel engine with rope brake dynamometer
Steam Boiler and Turbine
Guarded plate apparatus
Lagged pipe apparatus
Natural convection-vertical cylinder apparatus
Forced convection inside tube apparatus
Composite wall apparatus
Thermal conductivity of insulating powder apparatus
Pin-fin apparatus
Stefan-Boltzmann apparatus
Emissivity measurement apparatus
Parallel/counter flow heat exchanger apparatus
Refrigeration test rig
Air-conditioning test rig
Two stage reciprocating air compressor
Fluidized bed cooling tower
Air Blower test rig

Name of the Laboratory : Dynamics Laboratory

.Name of the Instruments
Cam Analysis - DC Motor - 0.37kW, 230v, 5000 rpm
Epicyclic Gear train - Motor - 0.5HP, Digital speed measuring transducer
Differential Gear train - Motor - 0.5HP, Digital speed measuring transducer
Multi Degree Freedom suspension system - Measuring weight, Frame
Transverse Beam - Free - Free - Beam - Channe length 1.2m, Weights
Compound Pendulum
Motorised Gyroscope - MOTOR- 1/6HP,230 V DC
Static & Dynamic Balancing machine - Motor - 6000 rpm
Vibration Lab Equipment
All Type Gears (Model - Spur)

All Type Gears (Model - Worm)
All Type Gears (Model - Helical)
All Type Gears (Model - Bevel)
Whirling of Shaft System
Two rotor vibration set up
Dyanamic Balancing Machine - Reciprocating

Department of Mechatronics

Name of the Lab : Industrial Automation
Name of the Instruments
Basic hardware Wiring connection panel to connect field devices in PLC
Bottle filling Station control using Delta PLC
HMI based Mitsubishi PLC Control of Conveyor System
Omron PLC Trainer Kit
Delta PLC Trainer Kit
Siemens PLC Trainer Kit
AB PLC Trainer Kit
Position control of servo motor using Delta PLC
Control of 3 phase induction motor with leads servo setup using VFD technique
Delta PLC Based washing machine control
Desktop HP 23 inch Full HD LED Backlit IPS Panel Monitor, Intel i5 12th gen processor with 16GB RAM, 500 GB HDD
Desktop V530 Lenovo i5 - 9400/8GB/1TB HDD- Monitor 18.5 "inches" LCD

Name of the Lab :: Applied Hydraulics and Pneumatics Lab
Name of the Instruments
Hydraulic Trainer Kit
PLC Based Advanced Pneumatics Trainer Kit
Basic Pneumatic trainer kit
Advanced Electro Pneumatic Trainer Kit
Compressor
Intel core 2 duo processor , 4 GB ram, 500 GB/1TB hard disk(HCL)
Name of the Lab : : CAD Lab
Name of the Instruments
Acer Veriton Desktop PC Intel(R) Core(TM) i5-7400 CPU
Epson EB-X03 Projector
ADAMS Software
ANSYS 14.0

AUTOCAD 2024
Solid Works
MATLAB
Dell Laptop
HP Laptop
CANON L11121E Printer
HP M1136 Printer

Name of the Lab : : Digital Design Lab
Name of the Instruments
FPGA Kit
Xilinx software
Desktop V530 Lenovo i5 - 9400/8GB/1TBHDD- Monitor 18.5 "inches" LCD
IC Tester
Name of the Lab: MECHATRONICS LAB
Name of the Instruments
AC servo motors
Process station

Name of the Lab : : Sensors and Instrumentation Lab
Name of the Instruments
Capacitive Pickup Trainer Module
Position and Velocity Measurement using encoder kit
Servo Motor position control kit
Speed measurement and closed loop control of DC
Motor Using photo electric pickup Kit
Thermister Module ,Thermocouple
Absolute Encoder
Potentiometer trainer pickup
Strain gauge Module
Digital IC trainer kit
Sample and hold circuit kit
Instrumentation amplifier kit using Op Amp
Load cell measurement kit

Microphone and sound level meter
Measurement of 3 phase power and power factor kit
Regulated Power Supply
Signal Generator
Function Generator
Cathode Ray Oscilloscope
Digital Storage Oscilloscope
IOT Trainer Kit with PI
Sensor Modules

Name of the Lab :: Microprocessor and Microcontroller
Name of the Instruments
8085 Microprocessor Trainer Kit
8051 Microcontroller Trainer Kit
Stepper Motor Trainer Kit
SCR Trainer Kit
LCD and LED Trainer Kit
DAC Interface Kit
ADC Interface Kit
Matrix keyboard Interface Kit
Electronic Components Project Kit,
50 MHz DSO
Desktop Dell i3/8GB/1TB/HDD Monitor 18.5"

Department of Robotics and Automation

Computer Aided Modelling Laboratory

S No	Name of the Equipments
1	COMPUTERS
2	CAD SOFTWARE(AUTOCAD 2024/SOLIDWORKS)
3	LASER JET PRINTER

Digital System Design laboratory

S No	Name of the Equipments
1	Bread board
2	FPGA Kit, Xilinx software
3	ICS 7400 7402 7404 7408 7432 7486 7483 7485 7427 7483 7485 74151 74138
4	PATCH CARDS
5	COMPUTERS
6	SIMULATION SOFTWARE (Open source)
7	SPARTAN 3E KIT WITH USB PROGRAMMING CABLE

Mechanics of Materials laboratory

S No	Name of the Equipments
1	Brinell hardness testing machine
2	Fatigue testing machine
3	Impact testing machine
4	Torsion testing machine
5	Spring testing machine
6	Universal testing machine
7	Rock well hardness testing machine
8	Wire testing machine
9	Compression testing machine
10	Simply supported beam
11	Cantilever Beam

PROBLEM SOLVING AND PROGRAMMING IN PYTHON

S No	Name of the Equipments
1	COMPUTERS
2	LASER JET PRINTER

PYTHON PROGRAMMING FOR MACHINE LEARNING

S No	Name of the Equipments
1	COMPUTERS
2	LASER JET PRINTER

Manufacturing Technology laboratory

S No	Name of the Equipments
1	FOUNDRY CEMENTED TABLE
2	VERNIER CALIPER 0 - 150MM
3	MICROMETER 0 - 25MM
4	4 1/2' V BELT DRIVE CENTRE LATHE
5	4 1/2' V BELT WITH NORTON GEAR TYPE CENTRE LATHE
6	TOOL AND CUTTER GRINDER MACHINE
7	UPRIGHT DRILLING MACHINE
8	MILLING TOOL DYNOMOMETER
9	TAPPING MACHINE
10	LATHE TOOL DYNOMOMETER
11	GEAR HOBGING MACHINE
12	CYLINDRICAL GRINDING MACHINE
13	VERTICAL MILLING MACHINE
14	TOOLMAKERS MICROSCOPE
15	CAPSTAN LATHE
16	SHAPING MACHINE
17	SURFACE GRINDER
18	RADIAL DRILLING MACHINE
19	POWER HACKSAW MACHINE

Microprocessors and Microcontrollers for Automation Laboratory

S No	Name of the Equipments
1	REGULATED POWER SUPPLY
2	PULSE GENERATOR
3	FUNCTION GENERATOR
4	CATHODE RAY OSCILLOSCOPE
5	8051 MICRO CONTROLLER KIT
6	STEPPER MOTOR INTERFACIN BOARD
7	PLC TRAINER KIT AND RELATED SOFTWARE
8	LED LCD INTERFACE UNIT
9	SCR TRIAC POWER MESFET INTERFACE UNIT
10	8085 MICROPROCESSOR KIT WITH KEYBOARD LCD TYPE
11	ADC INTERFACE KIT
12	DAC INTERFACE KIT
13	MATRIX KEYBOARD
14	ROBOT KIT COMPONENTS
15	COMPUTERS

ROBOTICS LABORATORY

S No	Name of the Equipments
1	Mitsubishi Articulated Robot , 6-Axis, Vision, Panel and Conveyor Tracking
2	Dobot Magician - Advanced Educational Plan
3	Industrial Robot Simulation Software
4	Computers

Fluid Power Systems laboratory

S No	Name of the Equipments
1	BASIC PNEUMATICS TRAINER KIT
2	BASIC ELECTRO PNEUMATIC TRAINER KIT
3	ELECTRO PNEUMATIC TRAINER KIT WITH PLC
4	HYDROSIM SOFTWARE
5	PNEUMOSIM SOFTWARE

6	COMPUTERS
7	FESTO FRL, pneumatic valves that are regularly used are 5/3, 5/2, 4/2, 3/2, and 2/2.
8	Hydraulic Power pack with Solenoid DCV

ROBOTIC VISION AND INTELLIGENCE (INTEGRATED COURSE)

S No	Name of the Equipments
1	TORTOISE BOT RPi4 4GB
2	360 Degree laser range finder
3	Raspberry Pi Camera Module V2-8 Megapixel, 1080p
4	Raspberry Pi 4 Model B 4Gb Ram Micro Controller Board
5	Jetson Nano Development Board
6	Arduino board with sensor and actuator
7	Open MV Camera

COMPUTER AIDED ENGINEERING

S No	Name of the Equipments
1	SolidWorks software
2	ANSYS Software
3	ADAMS Software
4	CNC CUTTER
5	COMPUTERS
6	LASER JET PRINTER

ROBOTICS AND AUTOMATION PROBLEM SOLVING USING AI,ML AND DL

S No	Name of the Equipments
1	Raspberry Pi Camera Module V2-8 Megapixel, 1080p
2	Rasperry Pi 4 4 GB Starter Kit Raspberry pi4 4 GB*1 Samsung 64 GB High speed memory card *1, HDMI cable *1, Heat Sink *1, 5V 3 A Powe adaptor *1
3	ArduinoTiny ML Kit
4	Open MV Camera H7 Plus
5	JETBOT ROS
6	Computers

Department of Information Technology

PROGRAM SOLVING PYTHON LAB	
Sl. No	Name of Equipments
1	Computer: 62 No's
	Lenova 10 Gen Intel® Core i3 - 10100 @ 3.60Ghz
	4 GB DDR4 RAM, 1 TB Sata HDD
	Lenova USB Keyboard, Lenova USB Mouse
	18.5' LED Lenova Monitor
	Windows 10/11 Operating system
2	UPS: 1
	20 KVA NUMERIC UPS

DATABASE MANAGEMENT LAB	
Sl. No	Name of Equipments
1	Computer: 35 No's
	Lenova 11 Gen Intel® Core i7-11700 @ 2.50Ghz
	16 GB DDR4 RAM, 1 TB Sata HDD, RX 550X Graphics card
	Lenova USB Keyboard, Lenova USB Mouse
	23' LED Lenova Monitor
	Windows 10/11 Operating system
2	UPS: 1
	20 KVA NUMERIC UPS

WEB DEVELOPMENT LAB	
Sl. No	Name of Equipments
1	Computer: 29 No's
	Wipro intel Core i3-2120 @ 3.00Ghz
	8 GB DDR3 RAM, 500 GB Sata HDD
	Wipro PS/2 Keyboard, Wipro USB Mouse
	18.5' LED WIPRO Monitor
	Windows 10 Operating system
2	Computer: 6 No's
	HCL INTEL CORE 2 DUO@2.93 GHZ
	DDR2 2GB RAM, 160 HDD
	HCL MONITOR, KEY BOARD, MOUSE
	18.5' LED HCL Monitor
	Windows 8/LINUX Operating system
3	UPS: 1
	20 KVA NUMERIC UPS

OOPS LAB	
Sl. No	Name of Equipments
1	Computer: 35 No's
	Zebronics intel Pentium® D CPU 3.00 Ghz
	2 GB RAM, 80 GB HDD
	Logitech PS/2 Keyboard, Logitech Mouse
	Samsung 14.5" Monitor
	Windows 8.1 OS
2	UPS: 1
	20 KVA NUMERIC UPS

PYTHON PROGRAMMING LAB	
Sl. No	Name of Equipments
1	Computer: 64 No's
	ACER Intel CORE2DUO 2.4ghz
	4GB DDR4 RAM, 1TB HDD,
	ACER 18.5" LED Monitor
	ACER USB Keyboard, ACER USB Mouse
	Windows 10 Operating system
2	UPS: 1
	20 KVA NUMERIC UPS

Department of Chemistry

Sl. No.	Name of the Instruments
1	Spectrophotometer
2	Conductivity meter
3	Potentiometer
4	pH meter
5	DO meter
6	Magnetic stirrer
7	Flash and fire point apparatus
8	Flame Photometer

Department of Physics

S.No	Name of the Instruments
1	CRO
2	Spectrometer
3	Band Gap Set- kit
4	Ultrasonics Interferrometer
5	Travelling Microscope
6	B - H Curve setup
7	Hall effect setup
8	Electromagnet and Power supply
9	Digital Gauss meter
10	Solar cell kit
11	Magnetoresistance setup
12	Stefan's constant kit
13	Photo diode setup
14	LCR circuit kit with function generator
15	Photo electric effect setup

Department : Department Of Food Technology	
Name of the Laboratory : 1.BAKING AND CONFECTIONERY TECHNOLOGY LABORATORY	
Sl. No.	Name of the Instruments
1	REFRIGERATOR (220 L)
2	SEDIMENTATION CYLINDER
3	DECK OVEN
4	DOUGH MIXER
5	FERMENTAION CABINET
6	HUMIDITY

Name of the Laboratory : 2.BIOCHEMICAL AND NUTRITION LABORATORY	
Sl. No.	Name of the Instruments
1	BROOKFIELDS VISCOMETER
2	REFRACTOMETER
3	SOXHLET
4	MUFFLE FURNACE
5	POLARIMETER
6	pH METER
7	WATER BATH

Name of the Laboratory : 3.CHEMICAL ENGINEERING LABORATORY	
Sl. No.	Name of the Instruments
1	ORIFICE METER
2	VENTURI METER
3	STEAM DISTILLATION UNIT
4	CENTRIFUGAL SEPARATOR
5	BALL MILL
6	PIN MIL

Name of the Laboratory : 4.DAIRY PROCESSING TECHNOLOGY LABORATORY	
Sl. No.	Name of the Instruments
1	GERBER CENTRIFUGE
2	BUTYROMETER
3	LACTOMETER
4	MILKO TESTER
5	LOVI BOND COMPARATOR DISC
6	DIGITAL BACTERIA COUNTER
7	CREAM SEPARATOR

Name of the Laboratory :5.FOOD ANALYSIS LABORATORY	
Sl. No.	Name of the Instruments
1	SOXHLET APPARATUS
2	KJELDHAL APPARATUS
3	UV SPECTRPHOTOMETER
4	DEAN AND STARK APPARATUS
5	SIMPLE DISTILLATION UNIT

Name of the Laboratory : 6.FOOD CHEMISTRY LABORATORY	
Sl. No.	Name of the Instruments
1	COLORIMETER
2	OIL BATH
3	LIGHT MICROSCOPE
4	HOT AIR OVEN
5	POLARIMETER
6	WATER BATH

Name of the Laboratory : 7.FOOD MICROBIOLOGY LABORATORY	
Sl. No.	Name of the Instruments
1	AUTOCLAVE
2	STATIC INCUBATOR
3	LIGHT MICROSCOPE
4	LAMINAR AIR FLOW CHAMBER
5	COLONY COUNTER
6	COLORIMETER
7	INUCBATOR

Name of the Laboratory : 8.FOOD PACKAGING LABORATORY	
Sl. No.	Name of the Instruments
1	Universal Tensile Testing Machine
2	Calliper
3	Thickness Gauge
4	Heat Seal Tester
5	Burst Pressure Tester
6	Water vapour Permeability Tester

Name of the Laboratory :9.FOOD PROCESSING AND PRESERVATION LABORATORY	
Sl. No.	Name of the Instruments
1	Analytical Weighing Balance
2	Tray Dryer
3	Noodle and Pasta Maker
4	Plate Heat Exchanger
5	Retort Unit

Name of the Laboratory : 10. FRUIT AND VEGETABLE TECHNOLOGY LABORATORY	
Sl. No.	Name of the Instruments
1	TRAY DRYER
2	MIXER
3	INDUCTION STOVE
4	GAS STOVE
5	REFRACTOMETER
6	DIGITAL WEIGHING BALANCE
7	INCUBATOR, REFRIGERATOR
8	MAGNETIC STIRRER

Name of the Laboratory : 11.LIVESTOCK AND MARINE TECHNOLOGY LABORATORY	
Sl. No.	Name of the Instruments
1	HOT AIR OVEN
2	VACUUM OVEN
3	SOXHLET'S APPARATUS
4	UV VISIBLE SPECTROPHOTOMETER
5	MEAT MINCER
6	WATER BATH

Rajalakshmi Engineering College, Chennai.

Laboratory facilities exclusive to the Post Graduate Course

M.E. Avionics

Name of the Laboratory / Workshop	Name of the major Instruments	No. of Instruments
AVIONICS INTEGRATION LABORATORY	MIL STD 1553B	1
FLIGHT CONTROL SYSTEMS LABORATORY	Work station with MATLAB	3

M.E. Medical Electronics

- (i) Biopac MP36 R
- (ii) Biosignal acquisition system
- (iii) MyRIO (NI)
- (iv) Patient Monitoring System
- (v) EEG acquisition system
- (vi) ElectroCardioGraph

M.E. Computer Science and Engineering :

PG lab has full-fledged State of Art laboratories to cater to all PG courses as per curriculum requirements. Laboratory is equipped with white board, computer, Internet facilities available for all students to carry out research work and projects. Institution is having 1Gbps primary dedicated 1:1 internet based line and a 155 Mbps secondary line, connected with all UG and PG laboratories.

M.E. Communication Systems:

S.No.	Name of the Equipment's / Software	Available
1	PCAAD 50 Window Compatible Antenna Analysis Software	1
2	Transmission Line Analyzer TLA O5	1
3	Basic Microstrip Training System 5MHz To 2GHz	1
4	Spectrum Analyzer	1
5	ATS 2002 86 860MHz Advance Antenna Digital Training System Receiver	1
6	3GHz Full Parameter PC Based Network Analyzer	1
7	Basic Transmission Line Trainer	1
8	GPS 04 Global Positioning Training System	1
9	Video Link Trainer	1
10	100MHz FFT Colour DSO	1
11	Advance Fiber Optic Communication Trainer	1
12	Fiber Optic Trainer Kit ST 2502	1
13	PCs	18
14	RF Signal Source 10MHz To 1.15GHz With 3 Power Cables	3
15	Model RFS -01 10MHz to1.15 GHz Rf Signal Source with 3 Power Cables	3
16	ATS-2002-A Add-On Antenna Training System With Antenna Accessories: Serial Port Cable (M-M,F-F)	1
17	ATS-2002-R Antenna Digital RF Receiver	1
18	ATS-2002 T Antenna Digital RF Transmitter	1
19	Antenna Stepper Motor Controller ATS-2002	1

20	100MHz 2 Channel Colour Display Digital Storage Oscilloscope with Gold Sampling with Probes and Connecting Cable	1
21	60MHz 2 Channel Colour Display Digital Storage Oscilloscope with Gold Sampling with Probes and Connecting Cable	1
22	IE3D Antenna Software 5user USB Pen Drive (Sl.No:9-61 Df2 71a8626)	1
23	Advanced Motorised Antenna Measurement Trainer With Accessories	1

M.E. Embedded System Technologies:

Name of the Laboratory / Workshop	Name of the Major Instruments	No. of Instruments
Embedded Lab	PS - TYRO ARM9 2129	4
	PS - TYRO TMS 32067XX(DSP)	4
	U - LINK EMULATOR	4
	ADVANCE FPGA UNIVERSAL DEVELOPMENT BOARD (UDB) WITH XILINX CPLD TOP BOARD	1
	JET-JTAG DEBUGGER	1
	Lenova computers	15
	PS - UDB FPGA/CPLD (UNIVERSAL DEVELOPMENT BOARD)	1
	PS - TYRO PSOC -67XX	1

M.E. Engineering Design:

Name of the Laboratory	Name of the Major Instruments	No. of Instruments
CAD LAB	Computer System	15
	Solidworks Software	30
	ANSYS Software	25
	ADAMS Software	15
	Printer	01
Vibration Lab	Bifilar Suspension	01
	Free vibration Test setup	01
	Transverse vibration test setup	01
	Torsional Vibration setup	01
	Whirling of shaft setup	01
	Compound Pendulum setup	01
	Connecting rod setup	01
	Balancing machine setup	01

M.Tech. Biotechnology : Research Facility

In-addition to the above mentioned laboratories the department has the following research labs:

S.No	Name of the Research Facility	Description of Facility
1	Environmental Research Lab	This research lab, established with AICTE-RPS Grant, deals with study of environmental toxicology effects of pharmaceutical compounds using fish models and
2	Nano Biotechnology Lab	This research lab, established with support from AICTE-RPS Grant, deals with investigating nanotechnology as a mode of novel targeted drug delivery for various disease conditions.

3	Aquaculture Lab	This lab's research work deals with toxicology study related to common environmental pollutants and toxins using fish as model organisms. Fish have been used to study wound healing properties of engineered biomaterials. Fortification of fish feed, immunostimulant studies and some genetic studies relevant to phytochemical impacts have been carried
4	Food processing and preservation laboratory	This facility has been set up to carry out research under consultancy project funded by IITM-PALS-RuTAG towards improving the shelf life of Padhaneer. Steps have also been taken towards patenting the packaging technology developed. The lab has also collaborated with CFTRI, Mysore for relevant research.
5	Molecular Research Lab	This facility has been set up by the department to aid in the synthetic biology research of students participating in the International Genetically Engineered Machines (iGEM) competition held every year at MIT, Boston and Paris, France
6	Biofilms Lab	This research lab, under the aegis of DST-SERB, deals with characterization of exopolysaccharide by oral biofilm forming bacteria for effective diagnosis and treatment of oral infections.
7	SERB-TARE Two workstations - Computational biology	<p>Dell workstation Precision 3630,64gb RAM and 2TB Hard Disk. HP Z1 G8 Tower Workstation Intel i9-11900 2.50 GhZ 8 Core 16GB DDR4 RMA 512GB M.2 NVMe SSD,DVDRW HP KBD and optical mouse</p> <p>This facility has been created for high through put computational biology projects.</p> <ul style="list-style-type: none"> ➤ Big data analysis in LifeScience (NGS data (Genome and Transcriptome data analysis) ➤ Novel Biomarker Identification using Gene network (WGCNA and Machine Learning) ➤ Text mining of PubMed data to understand Drug-Drug Interaction, Pharmacogenomics and
7	Additional facility DST- FIST Sponsored Sophisticated Analytical Instrumentation Laboratory for Multidisciplinary Research in Biological Sciences	This facility is being utilized to carryout multi-disciplinary research; organize workshops, faculty development programs and internships. Also to develops novel products and processes.

M.Tech. Data Science	
DATA VISUALIZATION LAB/ MACHINE LEARNING LAB	
Sl. No	Name of Equipments
1	Computer: 62 No's
	Lenova 10 Gen Intel® Core i3 - 10100 @ 3.60Ghz
	4 GB DDR4 RAM, 1 TB Sata HDD
	Lenova USB Keyboard, Lenova USB Mouse
	18.5' LED Lenova Monitor
	Windows 10/11 Operating system
2	UPS: 1
	20 KVA NUMERIC UPS

CLOUD AND BIG DATA LAB	
Sl. No	Name of Equipments
1	Computer: 35 No's
	Lenovo V50T Gen2 -11 Gen Intel® Core i5-4.4Ghz
	4 GB DDR4 RAM, 1 TB Sata HDD
	Lenovo USB Keyboard, Lenova USB OPT'Mouse
	24' LED Lenovo Wide Flate Monitor
	Windows 10/11 Operating system
2	UPS: 1
	20 KVA LIEBERTICS power plus UPS

Rajalakshmi Engineering College, Chennai. Completed Project Details			
S.no.	Name of consultancy project/corporate training program	Consulting/Sponsoring agency with contact details	Dept. invovled
1	PWD Consultancy	(PWD),Government of Tamilnadu,Thiruvallur	CIVIL
2	PWD Consultancy	(PWD),Government of Tamilnadu,chepauk	CIVIL
3	Soil Testing	HAP Design Studio Pvt Ltd,Thiruninravur	CIVIL
4	Material Testing	(PWD),Government of Tamilnadu,Thiruvallur	CIVIL
5	Optimization of foundry sand in soil for land filling	Sakthi Auto Component Limited, Tirupur	CIVIL
6	Camera Power Trigger Cable and Nylon Bunk	Super Auto Forge, Thirumudivakkam	CEMV and AUTO
7	AMCSAF-TVM (Quarterly)for	Super Auto Forge Thirumudivakkam	CEMV
8	SFMS Mobile application	RANE(Madras)Private limited, Chennai	IT and CSE
9	Expert Advise	Deejay coconut Farms private limited, Goa	FT and IT
10	Aero Consultancy Service	SRM University, Chennai	AERO
11	Control and Implementation of Special Functions through the Embedded Coder	Prime Tech,Chennai	EEE
12	GUI Based PV Emulator Program Deployment	Educare Solutions	EEE
13	MTPA Field Oriented Control of PMSM	Matlab School	EEE
14	NIDAC Card Installation and Software Development	Iljin Automotive India, Pvt Limited, Irrungattukottai	CEMV and CSBS
15	MV Machine Service	Super Auto Forge, Thirumudivakkam	CEMV
16	Material Testing, Sieve Analysis, Liquid and Plastic Limit, Std Proctor Test	PWD, Chennai	CIVIL
17	Bullet Impact Test Facility	Easwari Engineering College,Chennai	AERO

18	Utilisation of High Speed Jet Facility of Acoustic Measurement.	SRM University, Chennai	AERO
19	AMC- SAF- TVM	Super Auto Forge, Thirumudivakkam	CEMV
20	Inventory management system	Reynolds India, chennai	MCT and IT
21	Research on Potential Utility of Foundry Sand Waste as Sustainable Construction Material	PWD, Chennai	CIVIL
22	System Modification to10 Holes	Super Auto Forge, Thirumudivakam	CEMV
23	Vision Inspection System for Fly Wheel Assembly	Iljin Automotive India,Pvt Limited, Irrungattukottai	CEMV
24	Machine Vision Systems For Tulip	Super Auto Forge,Kolapakkam	CEMV
25	AMC- SAF- TVM	Super Auto Forge, Thirumudivakkam	CEMV
26	Software Development for Bar Code System	Harita Fehrer Limited, Irrungattukottai	CEMV
27	Face Shield	Aerion Purifier Pvt Ltd.	IT
28	Testing of cubes(08 sets)	TRANSRAIL Lighting Limited	EEE
29	Testing Concrete Cubes(4sets) M sand Testing(4nos) (c) Coarse Aggregate (4samples)	TRANSRAIL Lighting Limited	CIVIL
30	Documentation for Existing ERP	CCCL	IT
31	Coarse Aggregate (3samples)	TRANSRAIL Lighting Limited	CIVIL
32	Setting up 'Renewable Energy Systems' Laboratory	Er.PERUMAL Manimekalai College of Engineering ,Hosur	EEE
33	Fractional order fuzzy speed control for BLDC	Viswa JothiTechnologies Pvt.Ltd. ,Bangalore	EEE
34	Machine Vision Systems forA20 Stay rod	Harita Fehrer Limited,Irrungattukotai	CEMV
35	Purchase of Vision Camera And Accessories And Integration	Super Auto forge, Thirumudivakkam	CEMV
36	Website Development for Welding Certification	Weld-R	IT
37	Website Development for V-Art Gallery	V-Art Gallery,Anna Nagar	IT
38	Thermo Compression System	Titan Company Ltd.	CEMM

39	MATLAB and SIMULINK With Real Time Applications	Navodaya Institute of Technology, Andhra Pradesh	EEE
40	Job Scheduling problem in MATLAB Program	INTEGRUMENT ERPRISES, Chennai	EEE
41	To develop the biased transformer for hybrid heating application	TRANSPower Company, Erode	EEE
42	MATLAB and SIMULINK With Real Time Applications	LoYola-ICAM, Loyola Campus, Nungambakkam,	EEE
43	Temperature Monitoring Units For ultra-low deep freezer	The National Institute for Research in Tuberculosis - ICMR, Chetpet, Chennai	EEE
44	Inverter Controller for BLDC drive applications by using	Viswa Jothi Technologies Pvt.Ltd. Bangalore	EEE
45	Temperature Controller using Fuzzy control p	SanSel Instruments and Control, Maduravoyal	EEE
46	PV sourced Nanogrid controller model for charging applications	ADROIT Solutions	EEE
47	Testing of Concrete cubes	Sakthi Construction, ECR	CIVIL
48	Mix Design and Testing of Cubes	Krishna Water Supply Project Sub Division I, PWD, Chepauk	CIVIL
49	Concrete Block Test	M/s. Arni Enterprises, Kancheepuram	CIVIL
50	Testing Concrete Cubes (6 Samples) M-sand Testing (1 Sample)	TRANSRAIL Lighting Limited	CIVIL
51	Concrete Cube Test	Rajkumaran Builders, Porur, Chennai	CIVIL
52	Vision System for BRG Assembly	Iijin automotive private limited, Irrungattukottai	CEMV
53	AMC- SAF - TVM	Super auto forge, thirumudivakkam	CEMV
54	Tele Radiology Software	Sentinel Radiology Solutions, Kipauk	IT
55	Cement Test, Fine & Coarse Aggregate test, & Mix Design	Krishna Water Supply Project Sub Division III, PWD, Thiruvallur	CIVIL
56	Mix Design for M15, M20 & M25 & Concrete Cube Test	Krishna Water Supply Project Sub Division III, PWD, Thiruvallur	CIVIL
57	Concrete Cube Test	MPN Construction	CIVIL
58	Mix Design for M15, M20 & M25	Krishna Water Supply Project Sub Division III, PWD, Thiruvallur	CIVIL

59	Cement Test, Fine & Coarse Aggregate test, Soil Test & Mix Design	Krishna Water Supply Project Sub Division II, PWD, Chepauk	CIVIL
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On Going Projects:

S.no.	Name of consultancy project/corporate training program	Consulting/Sponsoring agency with contact details	Dept. Involved	status
1	MV Machine Control Panel Refurbishment	Super Auto Forge-Thirumudivakkam	CEMV	Ongoing
2	Mobile application for DHRM	RANE(Madras) private limited, Chennai	CSE	ongoing
3	Design & Develop system(D/Checker)	ILJIN automotive private limited, Irungattukottai	CEMV/IT	Ongoing
4	Trench Conveyor AI Interface	Applo Tyre Ltd.-Gurgaon	EEE	Ongoing
5	Power Quality Analysis	Nippon Paints Pvt Limited-Kanchipuram	EEE	Ongoing
6	Studying the cause of discoloration of 301LNMT stainless steel during resistances pot welding	Alstom Andhra Pradesh/Bulk MRO Industrial Supply Pvt. Ltd.-Maharashtra.	MECH	Ongoing
7	Testing of Light weight Aerated/Foamed Concrete Blocks	Osprey Concrete Solution-Medavakkam	CIVIL	Ongoing
8	Testing of Light weight concrete blocks	SHASHEE Reinforcements Private Limited, Chennai	CIVIL	Ongoing
9	Root-Cause Fault Analysis	Rajalakshmi Wind Energy Limited, Chennai.	EEE	Ongoing
10	Development of ready-to-drink Coconut Neera from the concentrate through vending machine	Deejay coconut Farms private limited, Bengaluru	FT	Ongoing
11	Machine vision quality assessment of Cereals and Pulses	Way cool Food products private limited	IT and CEMV	On-going
12	Water dispersible spice oleoresin	JAMA Botanics, Bengaluru	FT	On-going
13	Machine Vision Solution for Tulip Assembly Line	MTE Industries ,Hyderabad	IT and CEMV	On-going
14	IoT- Smart Boat-Product Design, Development and Implementation	AnDnR Soft Solution Pvt Ltd, Chrompet	CSE, IT, ECE	On-going
15	Testing of Water, Raw Material and Plant-Water and Emulsion	Nippon paints private limited, Kanchipuram	BT	On-going
16	DHRM Web Application (Phase 1, 2 and 3 Development)	RANE(Madras) Private limited, Chennai	IT, CSE and CSBS	On-going
17	DHRM Mobile application for RANE(Madras) Private limited, Chennai.			