

## **Mandatory Disclosure**

1. Name of the Institute : Rajalakshmi Engineering College
2. Name and Address of the Trust / Society /  
Company and the Trustee : Rajalakshmi Educational Trust,  
K 67 New Avadi Road,  
Anna Nagar,  
Chennai 602 105.
3. Name and Address of the ~~Vice Chancellor/~~  
Principal / ~~Director~~ : Dr. S N Murugesan  
Principal  
Rajalakshmi Engineering College  
Rajalakshmi Nagar  
Thandalam  
Chennai 602 105.
4. Name of the Affiliating University : Anna University, Chennai.
5. Governance
  - Members of the Board and their brief background

S.No.	Name of the member	Title
1	Thiru. S. Meganathan, B.E., F.I.E.	Chairman
2	Dr. (Mrs.) Thangam Meganathan, M.A., M.Phil., Ph.D.	Trust Member
3	Thiru. M. Abhay Shankar, B.E., M.S.	Trust Member
4	Dr.M. Haree Shankar, M.B.B.S.,M.D.	Trust Member
5	Mr.K.Jayaramakrishnan, Consultant, Tata Consultancy Services	Trust Nominee
6	Dr. C.R. Muthukrishnan Advisor, Rajalakshmi Institutions, Former Deputy Director, IIT-M & Consulting Advisor, TCS	Academician – Trust Nominee
7	Dr.M.Subbiah, B.E., M.Sc.(Engg.), Ph.D. Professor Emeritus, Department of Electrical & Electronics Engineering	Faculty Member of the College
8	Dr.T.Thamizhselvan, M.E., Ph.D. Associate Professor, Department of Electrical & Electronics Engineering	Faculty Member of the College
9	Mr.R.Vijayakumar, Manager, Rajalakshmi Automobiles Pvt. Ltd.,	Industrialist – Management nominee

10	Prof.R.Govindarajan, CAS Department of Computer Science & Automation, IISc, Bangalore	UGC Nominee
11	To be appointed	State Government Nominee
12	Dr. T.V. Gopal Coordinator, Centre for Applied Research in Indic Technologies (CARIT) & Professor, Department of Computer Science and Engineering Anna University, Chennai - 600 025	Anna University Nominee
13	Dr.S.N.Murugesan, M.E., Ph.D. Principal	Member Secretary / Ex- Officio

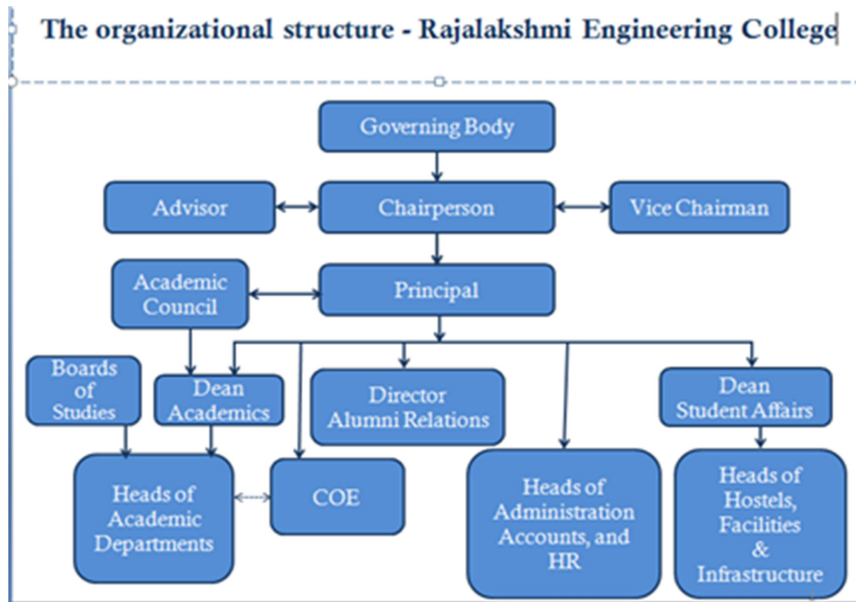
- Members of Academic Advisory Body

S.No.	Name of the Academic Council Member	Category
1.	Dr. S.N.Murugesan	Principal & Chairman
2.	Dr.M.Sekar Former Professor Department of Civil Engineering CEG Campus, Anna University Chennai – 600 025	University Representative
3.	Dr. K. Sundareswaran Senior Professor, Department of Electrical and Electronics Engineering National Institute of Technology Tiruchirappalli – 620 015	University Representative
4.	Dr. P.V. Ramakrishna Professor Department of Electronics and Communication Engineering CEG Campus, Anna University, Chennai – 600 025	University Representative
5.	Mr. R. Vasudevan, Head Talent Acquisition (India), TCS	Industry Representative
6.	Mr.MuthukumarThanu Group Chief HR Officer, TAFE	Industry Representative
7.	Dr.C.R.Muthukrishnan	Academician
8.	Dr.G.Thanigaiyarasu	Academician

9.	Dr.M.Subbiah	Academician
10.	Dr. J. Kavitha	COE
11.	Dr. Suresh Chandra Khandai	Acting HOD Aeronautical Engineering
12.	Dr.S.BaghavathiPriya	Professor & HOD Artificial Intelligence and Machine Learning
13.	Dr. K. Bhaskar	Professor & HOD Automobile Engineering
14.	Dr.S.Rajkumar	Professor &HOD Biomedical Engineering
15.	Dr. K. Sathya	Professor & HOD I/c Biotechnology
16.	Dr.K.Nagarajan	Professor & HOD Chemical Engineering
17.	Dr. A. Rose Enid Teresa	Professor & HOD Civil Engineering
18.	Dr.K.Devaki	Professor & HOD, Computer Science and Business System
19.	Dr. P.Revathy	Professor & HOD Computer Science & Engineering
20.	Dr. M.Palanivelan	Professor & HOD Electronics & Communication Engineering
21.	Dr. C.Kamalakaran	Professor & HOD Electrical & Electronics Engineering
22.	Dr.K.Ramalakshmi	Professor & HOD Food Technology
23.	Dr. R.G.Sakthivelan	Professor & HOD Information Technology
24.	Dr. S.P.Srinivasan	Professor & HOD Mechanical Engineering
25.	Dr. V. Santhanam	Professor & HOD Mechatronics Engineering
26.	Dr. R. Giri	Professor& HOD Robotics & Automation
27.	Dr.J.Krithika	Professor &HOD I/c Management Studies
28.	Dr. M. Muthusamy	Professor & HOD Humanities & Sciences
29.	Dr.V.PrasannaKumari	Teachers' Representative

30.	Dr. Johanna Rajkumar	Teachers' Representative
31.	Mr.I.Philip Praveen	Teachers' Representative
32.	Dr.V.MuraliBhaskaran	Member Secretary & Dean (Academics)

- Frequently of the Board meeting and Academic Advisory Body :  
Twice in a year
- Organization Chart and Process :



- Nature and Extent of Involvement of Faculty students in academic affairs / improvement
  - Academic Council
  - Governing Council
  - Board of Studies
  - Disciplinary Committee
  - ICC / Redressal Committee
  - SC / ST Committee
  - IQAC Committee
  - Anti Ragging Committee
  - Institute Innovation Cell [IIC]
  - Research and Consultancy Cell
  - Talent Enhancement Cell
  - CFSR – student clubs
    - a. Atrium
    - b. Debating Union
    - c. Yaazh mandram

- d. Rotaract club
  - e. Leo club
  - f. Young Indians Club
  - g. Enactus Club
  - h. International Sports Organisation [Sports Club]
  - i. Entrepreneur Development Cell
  - j. Youth Red Cross [YRC]
  - k. National Service Scheme [NSS]
  - l. Photography Club
  - m. Ethics Club
- Industry Institute Interaction Cell [IIIC]
- Mechanism / Norms and Procedure for democratic / good Governance

College has statutory and non statutory committee for an affirmative E-governance in which faculty member from various cadres committee and help in implementing the initiatives.

- Student Feedback on Institutional Governance / Faculty performance

Faculty members who are not handling the particular class are given the responsibility of collecting feedback from students belonging to that class to ensure free and fair response.

A structured proforma consisting of important parameters pertaining to teaching – learning process has been designed for the purpose of collecting students’ feedback.

The responses are subject to Electronic Data Processing and the results are analyzed by the HoDs and the Principal, and the feedback is communicated to the faculty members concerned wherever necessary, for their improvement.

Students’ feedback on value added programme conducted (for example guest lectures, seminars, employability camp, etc.) is obtained at the end of the programme by distributing questionnaire on the event.

The feedback is entered into computer and the ratings given by students are calculated to arrive at a cumulative index which will denote the rating of the students for the faculty in a given subject. Further, parameter wise rating also noted for certain parameters to identify the strength and areas for improvements for the faculty.

5 - Excellent, 4 - Very Good, 3 - Good, 2 - Fair, 1 - Poor

The subject knowledge, presentation skills, and the readiness of the faculty to help the students in case of clarifications, additional inputs given in the class and other factors could be inferred from the feedback.

The inputs are communicated to the faculty members through HoD by the Principal for suitable improvements. Besides, the inference is discussed with the faculty members during the annual faculty appraisal.

a. Grievance Redress 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.

- Establishment of Anti Ragging Committee : 2009
- Establishment of Online Grievance Redressal Mechanism : 2017
- Establishment of Internal Complaint Committee [ICC] : 2016
- Establishment of Committee for SC / ST : 2016

- Internal Quality Assistance Cell : as following

Members of IQAC :

Name	Designation
Dr.S.N.Murugesan	Principal
Dr.M.Subbiah	Emeritus Professor, EEE
Dr.V.MuraliBhaskaran	Dean Academics
Dr. Johanna Rajkumar	Dean, Biotechnology
Dr.Yogesh Kumar Sinha	HOD, Aero & Chief Superintendent, Anna University Examinations
Dr.S.P.Srinivasan	Controller of Examinations (Autonomous)
Mr. I. Philip Praveen	Director - T&P and Dean-Student Affairs
Dr. P. Kumar	Director (Alumni Affairs)
Mrs. Deborah Sharon	Assistant Professor, MBA
Mrs.P.Mahila	Senior Administrative Officer
Mr.Srinivasan K R	Administrative Officer
Mr.B.R.Gopi	IT Manager
Mr. SundaravadivelPurushothaman	Global Head
	EAS Advance Planning & Logistics Services
	Tata Consultancy Services Limited
Mr.C.Devarajan	General Manager – TS, Ford India Limited.
Dr. Sivaramakrishnan.K	Director & Chief Executive Officer. Taoka Chemical India Pvt Ltd., (Subsidiary of MNC Taoka Chemical Company Ltd. Osaka Japan)
Mrs.Rasmi	Parent of Ms.Sneha of III BT
Ms.Deepikashini V	Alumni 2013-17 Batch (B.Tech IT)
Mr.Deepak V M	Alumni 2012-16 Batch (B.E Civil)
Mr.MuthuVeeran B	Student (IV B Mech)
Dr.V.Prasannakumari	Professor, IT & IQAC Coordinator

1. Programme :

- Name of Program Approved by AICTE

**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

**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



- Name of Programmes Accredited by NBA

#### **Under Graduate Programme**

- B.E. Aeronautical Engineering
- B.E. Automobile Engineering
- B.E. Biomedical Engineering
- B.Tech. Biotechnology
- B.E. Civil Engineering
- B.E. Computer Science and Engineering
- B.E. Electronics and Communication Engineering
- B.E. Electrical and Electronics Engineering
- B.Tech. Information Technology
- B.E. Mechanical Engineering

#### **Post Graduate Programme**

- M.Tech. Biotechnology

- Status of Accreditation of the Courses - **Accredited [Valid upto till June 2022]**

Total Number of Courses :

10 UG Programmes and 1 PG Programme

- No. of Courses for which applied for Accreditation :

Re-Accreditation : 10 UG Programmes and 1 PG Programme

Fresh Accreditation : 1 UG Programme

- Status of Accreditation – ~~Preliminary~~ / Applied for SAR and ~~Result Awarded~~ / ~~Applied for SAR and visits awaited~~ / ~~Rejected~~ / ~~Approved for Courses~~ [specify the number of courses]

Re-Accreditation : 10 UG Programmes and 1 PG Programme

Fresh Accreditation : 1 UG Programme

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

<b>2021 Cutoff Marks</b>		
<b>Branch name</b>	<b>Max. Cutoff</b>	<b>Min. Cutoff</b>
Aeronautical Engineering	196	153.5
Artificial Intelligence and Machine Learning	186.5	146
Automobile Engineering	194.5	165.5
Bio Medical Engineering	195.69	159.5
Biotechnology	188.25	165
Comp Science and Business Systems	188.24	158
Computer Science and Design	198.9	147.5
Civil Engineering	194.725	140
Chemical Engineering	193	159
Computer Science and Engineering	195	145.5
Electronics and Communication Engg.	190.5	152.5
Electrical and Electronics Engineering	188.9	142
Food Technology	188.13	166
Information Technology	196.185	150.5
Mechanical Engineering	197.815	126.5
Mechatronics Engineering	190.5	147.5
Robotics and Automation	191	150

<b>2020 Cut-off Marks</b>							
<b>Branch name</b>	<b>OC</b>	<b>BCM</b>	<b>BC</b>	<b>MBC</b>	<b>SC</b>	<b>SCA</b>	<b>ST</b>
Aeronautical Engineering	171	163	152.5	123.5	119.5		
Artificial Intelligence and Machine Learning	178	165	172	157	121	112.5	109
Automobile Engineering	121		82		109.5		
Bio Medical Engineering	176	154	164	153	146		140
Biotechnology	173	147	157.5	148	129		148.5
Comp Science and Business Systems	176.5	159	166.5	149.5	125	88.5	
Computer Science and Design	138		106.5				
Civil Engineering	157	136.5	144	139	100		
Chemical Engineering	182.5	166.5	176.5	167	143.5		131.5
Computer Science and Engineering	173.5	152	166.5	150.5	133		108.5
Electronics and Communication Engg.	162.5	119.5	152	140.5	116		
Electrical and Electronics Engineering	160	148	148.5	135	119		
Food Technology	175	159	171	159.5	137		
Information Technology	143		111	120			
Mechanical Engineering	158	156.5	145	132	83		
Mechatronics Engineering	158.5	124	152	123.5	104		
<b>2019 Cut-off Marks</b>							
<b>Branch name</b>	<b>OC</b>	<b>BCM</b>	<b>BC</b>	<b>MBC</b>	<b>SC</b>	<b>SCA</b>	<b>ST</b>
Aeronautical Engineering	160	151	148.5	142	119.5	96.5	
Automobile Engineering	134	94.5	103.5		94		
Bio Medical Engineering	171	153	160.5	146.5	122		
Bio-Technology	165	132	151.5	116	113		
Civil Engineering	116.5						
Chemical Engineering	164	140.5	148.5	128.5	115		
Computer Science And Engineering	178	167.5	170	159.5	119		127
Electronics And Communication	170.8	147.5	163	149.5	98		
Electrical And Electronics Engineering	149.5	86.5	124.5	111.5			
Food Technology	161	146	145.5	128.5	110		
Information Technology	169.5	153	162.5	150	115		
Mechatronics Engineering	161.5	158	147	146.5	107.5		
Mechanical Engineering	151.5	108	132.5	121.5	96.5		

**b.**

<b>2018 Cut-off Marks</b>							
<b>Branch name</b>	<b>OC</b>	<b>BCM</b>	<b>BC</b>	<b>MBC</b>	<b>SC</b>	<b>SCA</b>	<b>ST</b>
Aeronautical Engineering	184.3	153.3	173.3	158.8	145.3	153	
Automobile Engineering	172.5	165	154.5	149.3	134		
Bio Medical Engineering	185.3	177.5	181	176	143.5		148
Biotechnology	179	135.8	162.8	152.3	125.5		149.5
Civil Engineering	157.5	104.5	109.8	96	90.75		
Chemical Engineering	178.3	155.5	171	159.5	124.5		
Computer Science And Engineering	188	180.5	183.5	177.3	140	121.3	144
Electronics And Comm. Engineering	186	173.5	180.3	173.3	142	95.75	120.8
Electrical And Electronics Engineering	172.5	144.8	160	156	91		
Food Technology	169.5	148	155.5	120.3	106		
Information Technology	180.8	167	176.8	172.5	131.5		
Mechatronics Engineering	185	164	175.3	163.3	147.5		
Mechanical Engineering	180.5	167	174.3	161.8	149.5		116.5

- Placement Facilities
  - 600+ Systems with 1 Gbps High speed internet facility
  - 4 Seminar halls and one Indoor auditorium with a capacity to accommodate 1500 students
  - 45 Interview cabins
  - 6 GD rooms
  - 1500 Sq. feet Training and Placement workplace
  - 2 Conference hall
  - 3 office rooms
  - 1 Stock room
  - Workstations
- Campus placement in last three years with minimum salary, maximum salary and average salary

Year	Minimum Salary	Average Salary	Maximum Salary
2018-19	2.40 LPA	3.80 LPA	9.50 LPA
2019-20	2.48 LPA	4.15 LPA	17.0 LPA
2020-21	3.10 LPA	4.50 LPA	12 .0 LPA

7.. Faculty :

- Permanent Faculty : 503 :
- Adjunct Faculty : Nil
- Permanent Faculty / Student Ratio : 1:1.14
- Number of Faculty employed and left during the last three years :

Year	Faculty Employed	Faculty Left
2018 - 19	102	41
2019 - 20		
2020 - 21		

8. a. Profile of ~~Vice Chancellor / Director~~ / Principal / Faculty :



- Name : Dr. S N Murugesan
- Date of Birth : 01.04.1969
- Unique ID : ME 123
- Education Qualification : M.E., Ph.D.
- Work Experience
  - Teaching : 29 years
  - Research : 08 years
  - Industry : Nil
  - Others : Nil
- Area of Specialization : Thermal Science
- Course taught at ~~Diploma / Post Diploma~~ / Under Graduate / Post Graduate / ~~Post Graduate Diploma~~  
Diploma :-
  1. Thermodynamics
  2. Thermal Engineering
  3. Heat and Mass Transfer

**Please click the following link to view the Profile of Faculty**

**<https://www.rajalakshmi.org/MD/FacultyProfile.pdf>**

- Master (Completed / Ongoing) : M.E. / M.Tech. / M B.A

No.	Department	Completed		On Going
		2018-19	2019-20	2020-21
1	M B A. Master of Business Administration	112	110	78
2	M.E. Avionics	3	3	2
3	M.E. Medical Electronics	3	15	2
4	M.Tech. Biotechnology	18	11	15
5	M.E. Computer Science and Engg.	3	6	2
6	M.E. Communication Systems	5	1	2
7	M.E. Embedded System Technology	6	8	1
8	M.E. Engineering Design	2	5	5
9	M.Tech. Data Science	3	-	4

- Ph.D. (Completed / Ongoing))

Ph.D. Completed			
BRANCH	FT	PT	Total
Biomedical Engineering	0	2	2
Biotechnology	2	10	12
Computer Science and Engineering	1	3	4
Electronics and Comm. Engineering	1	9	10
Electrical and Electronics Engineering	0	11	11
Mechanical Engineering	1	22	23
Information Technology	0	11	11
Mathematics	0	0	0
Chemistry	0	0	0
Total	5	68	73

Ph.D. Pursuing			
BRANCH	FT	PT	Total
Biomedical Engineering	0	13	13
Biotechnology	5	4	9
Computer Science and Engineering	3	23	26
Electronics and Comm. Engineering	6	28	34
Electrical and Electronics Engineering	0	21	21
Mechanical Engineering	0	33	33
Information Technology	0	0	0
Mathematics	0	12	12
Chemistry	0	3	3
Total	5	68	73

- Project Carried Out :

Sponsored Research Details

Year	2020	2019	2018
Total No. of Sponsored Projects	18	2	
No. of Project Agencies	14	9	7
Total Amount Received in Rs.	788435500	72146000	34011000

Consultancy Project Details

Year	2020	2019	2018
Total No. of Consultancy Projects	41	35	21

- Patents (Filed and Granted)

Year	2020	2019
No. of Patents Published	18	2
No. of Patents Granted	5	0

:

- No. of Books published with details (Name of the book published with ISBN, year of publication, etc)

	Book Publication	Book Chapter Publication
2018	4	6
2019	2	22
2020	1	36
2021	0	38



**9. Fees :**

- Details of fees as approved by State Fee Committee for the Institution:

B.E. / B.Tech. (Govt. Quota) Non Accredited Course – Rs.50,000/ Annum, and Accredited Course – Rs.55,000/- Annum

B.E. / B.Tech. (Management Quota) Non Accredited Course – Rs.1,40,000 / Annum  
Accredited Course – Rs.1,45,000/- Annum

MBA - Government Quota and Management Quota - Rs.35,000/- per annum

M.E. / M.Tech - Government Quota and Management Quota - Rs.50,000/- per annum

- Estimated cost of Boarding and Lodging in Hostels : Rs.76000/- per annum
- Any other fee please specify- NIL

**10. Admission :** Number of seats sanctioned with the year of approval

Department [Under Graduate]	AICTE Approval Year	Approved [2021-22]
B.E. Aeronautical Engineering	2005	60
B.E. Automobile Engineering	2006	30
B.E. Biomedical Engineering	2006	120
B.Tech. Biotechnology	2002	180
B.Tech. Chemical Engineering	2016	60
B.E. Civil Engineering	2009	60
B.E. Computer Science and Engineering	1997	300
B.E. Electronics and Communication Engineering	1997	240
B.E. Electrical and Electronics Engineering	1998	120
B.Tech. Information Technology	1999	120
B.E. Mechanical Engineering	1997	180
B.E. Mechatronics Engineering	2015	60
B.Tech. Food Technology	2018	60
B.Tech. Computer Science and Business Systems	2019	60
B.Tech. Artificial Intelligence and Machine Learning	2020	120
B.E. Robotics and Automation	2020	60
B.E. Computer Science and Design	2021	60
	Total	1890

Department [Post Graduate]	AICTE Approval Year	Approved [2021-22]
M B A. Master of Business Administration	2002	120
M.E. Avionics	2017	18
M.E. Medical Electronics	2011	18
M.Tech. Biotechnology	2006	24
M.E. Computer Science and Engineering	2004	18
M.E. Communication Systems	2006	18
M.E. Embedded System Technology	2012	18
M.E. Engineering Design	2011	18
M.Tech. Data Science	2019	18
Total		270

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

	2019-2020				2021-2021				2021-2021			
Department	Gen eral	OB C	SC	ST	Gen eral	OBC	SC	ST	General	OBC	SC	ST
B.E. Aeronautical Engg	7	35	6	0	7	35	6	0	12	38	4	1
B.E. Automobile Engg	4	27	5	22	3	0	12	1	1	16	0	16
B.E. Biomedical Engg	22	73	11	1	14	69	10	0	16	91	11	0
B.Tech. Biotechnology	33	98	8	16	34	107	14	1	32	114	13	0
B.Tech. Chemical Engg	6	31	6	0	6	26	2	0	9	43	6	0
B.E. Civil Engineering	6	47	8	0	2	29	2	0	4	39	8	0
B.E. Computer Sc. and Engg.	72	174	25	132	63	217	27	1	60	241	26	1
B.E. Electronics and Comm Engg.	32	158	16	1	55	171	25	1	49	181	25	1
B.E. Electrical and Electronics Engg.	22	91	7	0	11	69	11	0	24	91	12	0
B.Tech. Information Tech	27	74	11	0	31	83	11	0	31	86	10	0
B.E. Mechanical Engineering	25	117	24	1	11	119	17	0	19	97	16	0
B.E. Mechatronics Engineering	12	36	4	0	13	41	6	0	7	37	6	0
B.Tech. Food Technology	12	33	8	0	31	83	11	0	10	44	2	0
B.Tech. Computer Science and Business Systems	15	29	5	0	17	34	6	0	18	42	6	0
B.Tech. Artificial Intelligence and Machine Learning					13	43	5	1	29	83	14	1
B.E. Robotics and Automation					4	27	4	0	11	37	8	0
B.E. Computer Science and Design									14	42	6	0

	2019-2020				2020-2021			
Department	General	OBC	SC	ST	General	OBC	SC	ST
M B A. Master of Business Administration	16	81	13	0	15	56	7	0
M.E. Avionics	0	3	0	0	0	1	1	0
M.E. Medical Electronics	1	13	1	0	0	2	0	0
M.Tech. Biotechnology	1	11	0	0	3	11	1	0
M.E. Computer Science and Engineering	0	6	0	0	0	1	1	0
M.E. Communication Systems	0	1	1	0	0	2	0	0
M.E. Embedded System Technology	1	6	1	0	0	1	0	0
M.E. Engineering Design	2	3	0	0	1	4	0	0
M.Tech. Data Science	0	2	1	0	1	3	0	0

- Number of application received during last two years for admission under Management Quota and number admitted :

	2020-2021		2021-2022	
Department	Application Received	Admitted Management Quota	Application Received	Admitted Management Quota
B.E. Aeronautical Engineering	1254	22	936	24
B.E. Automobile Engineering	285	5	312	8
B.E. Biomedical Engineering	3800	50	2756	53
B.Tech. Biotechnology	4237	66	4784	82
B.Tech. Chemical Engineering	684	12	1092	28
B.E. Civil Engineering	627	11	975	25
B.E. Computer Science and Engineering	3135	121	8430	144
B.E. Electronics and Communication Engineering	7752	102	6422	123
B.E. Electrical and Electronics Engineering	2280	40	1794	46
B.Tech. Information Technology	3344	44	2964	57
B.E. Mechanical Engineering	3876	51	2652	51
B.E. Mechatronics Engineering	1311	23	858	22
B.Tech. Food Technology	1596	28	1053	27
B.Tech. Computer Science and Business Systems	1824	24	1287	33
B.Tech. Artificial Intelligence and Machine Learning	1596	21	3016	58
B.E. Robotics and Automation	855	15	936	24
B.E. Computer Science and Design	0	0	1560	30

	2020-2021		2021-2022	
Department	Application Received	Admitted Management Quota	Application Received	Admitted Management Quota
M B A. Master of Business Administration	180	45	380	95
M.E. Avionics	10	2	6	0
M.E. Medical Electronics	10	2	30	10
M.Tech. Biotechnology	33	11	56	14
M.E. Computer Science and Engineering	10	2	10	1
M.E. Communication Systems	10	2	10	3
M.E. Embedded System Technology	10	1	15	6
M.E. Engineering Design	10	5	10	5
M.Tech. Data Science	10	3	15	5

## 11. Admission Procedure :

- Calendar for admission Management / Vacant 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 : <a href="http://www.tnsfconsortium.org/">http://www.tnsfconsortium.org/</a>
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

- Criteria and Weightages for Admission :

**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.

<b>2021 Cutoff Marks</b>		
<b>Branch name</b>	<b>Max. Cutoff</b>	<b>Min. Cutoff</b>
Aeronautical Engineering	194	153.5
Artificial Intelligence and Machine Learning	196	146
Automobile Engineering	183	165.5
Bio Medical Engineering	193	159.5
Biotechnology	191.5	165
Comp Science and Business Systems	192.5	158
Computer Science and Design	190	147.5
Civil Engineering	181.5	140
Chemical Engineering	188.5	159
Computer Science and Engineering	197.5	145.5
Electronics and Communication Engineering	193	152.5
Electrical and Electronics Engineering	192.5	142
Food Technology	188.5	166
Information Technology	193	150.5
Mechanical Engineering	186.5	126.5
Mechatronics Engineering	185.5	147.5
Robotics and Automation	187.5	150



<b>2020 Cut-off Marks</b>							
<b>Branch name</b>	<b>OC</b>	<b>BCM</b>	<b>BC</b>	<b>MBC</b>	<b>SC</b>	<b>SCA</b>	<b>ST</b>
Aeronautical Engineering	171	163	152.5	123.5	119.5		
Artificial Intelligence and Machine Learning	178	165	172	157	121	112.5	109
Automobile Engineering	121		82		109.5		
Bio Medical Engineering	176	154	164	153	146		140
Biotechnology	173	147	157.5	148	129		148.5
Comp Science and Business Systems	176.5	159	166.5	149.5	125	88.5	
Computer Science and Design	138		106.5				
Civil Engineering	157	136.5	144	139	100		
Chemical Engineering	182.5	166.5	176.5	167	143.5		131.5
Computer Science and Engineering	173.5	152	166.5	150.5	133		108.5
Electrical and Electronics Engineering	162.5	119.5	152	140.5	116		
Food Technology	160	148	148.5	135	119		
Information Technology	175	159	171	159.5	137		
Mechanical Engineering	143		111	120			
Mechatronics Engineering	158	156.5	145	132	83		
Robotics and Automation	158.5	124	152	123.5	104		
<b>2019 Cut-off Marks</b>							
<b>Branch name</b>	<b>OC</b>	<b>BCM</b>	<b>BC</b>	<b>MBC</b>	<b>SC</b>	<b>SCA</b>	<b>ST</b>
Aeronautical Engineering	160	151	148.5	142	119.5	96.5	
Automobile Engineering	134	94.5	103.5		94		
Bio Medical Engineering	171	153	160.5	146.5	122		
Bio-Technology	165	132	151.5	116	113		
Civil Engineering	116.5						
Chemical Engineering	164	140.5	148.5	128.5	115		
Computer Science and Engineering	178	167.5	170	159.5	119		127
Electronics And Communication	170.8	147.5	163	149.5	98		
Electrical And Electronics Engineering	149.5	86.5	124.5	111.5			
Food Technology	161	146	145.5	128.5	110		
Information Technology	169.5	153	162.5	150	115		
Mechatronics	161.5	158	147	146.5	107.5		
Mechanical Engineering	151.5	108	132.5	121.5	96.5		

<b>2018 Cut-off Marks</b>							
<b>Branch name</b>	<b>OC</b>	<b>BCM</b>	<b>BC</b>	<b>MBC</b>	<b>SC</b>	<b>SCA</b>	<b>ST</b>
Aeronautical Engineering	184.3	153.3	173.3	158.8	145.3	153	
Automobile Engineering	172.5	165	154.5	149.3	134		
Bio Medical Engineering	185.3	177.5	181	176	143.5		148
Biotechnology	179	135.8	162.8	152.3	125.5		149.5
Civil Engineering	157.5	104.5	109.8	96	90.75		
Chemical Engineering.	178.3	155.5	171	159.5	124.5		
Computer Science And Engineering	188	180.5	183.5	177.3	140	121.3	144
Electronics And Comm. Engg.	186	173.5	180.3	173.3	142	95.75	120.8
Electrical And Electronics Engineering	172.5	144.8	160	156	91		
Food Technology	169.5	148	155.5	120.3	106		
Information Technology	180.8	167	176.8	172.5	131.5		
Mechatronics	185	164	175.3	163.3	147.5		
Mechanical Engineering	180.5	167	174.3	161.8	149.5		116.5

15. **Information of Infrastructure and other Resources available :**

- Number of Class Rooms and size of each

No. of Class Rooms : 117                      Size : 87.0 Sq.M

- Number of Tutorial Rooms and size of each

No. of Tutorial Rooms :24                      Size : 47.0Sq.M

- Number of Laboratories and size of each

No. of Laboratories :176                      Size : Avg. 71.0 Sq.M

- Number of Drawing Halls with capacity of each

No. of Drawing Halls : 4                      Size : Avg. 158 Sq.M

- Number of ComputerCentres with capacity of each [MANAGER IT]

No. of Computer Centres :4                      Size : 153 Sq,M

- Central Examination facility, Number of rooms and capacity of each

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

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

No. of Nodes : 600

Internet Bandwidth : (1000 Mbps)

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

i. Occupancy Certificate : [Please click the following link view the Certificate](#)

<https://www.rajalakshmi.org/MD/REC-OccupancyCertificate-MD.pdf>

j. Fire and Safety Certificate : [Please click the following link to view the Certificate](#)

<https://www.rajalakshmi.org/MD/REC-FireSafetyCertificate-MD.pdf>

- 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

- Library

- Number of Library books : 67400
- Title : 15092
- Journals {National} :260
- Journals (International\_ :2030

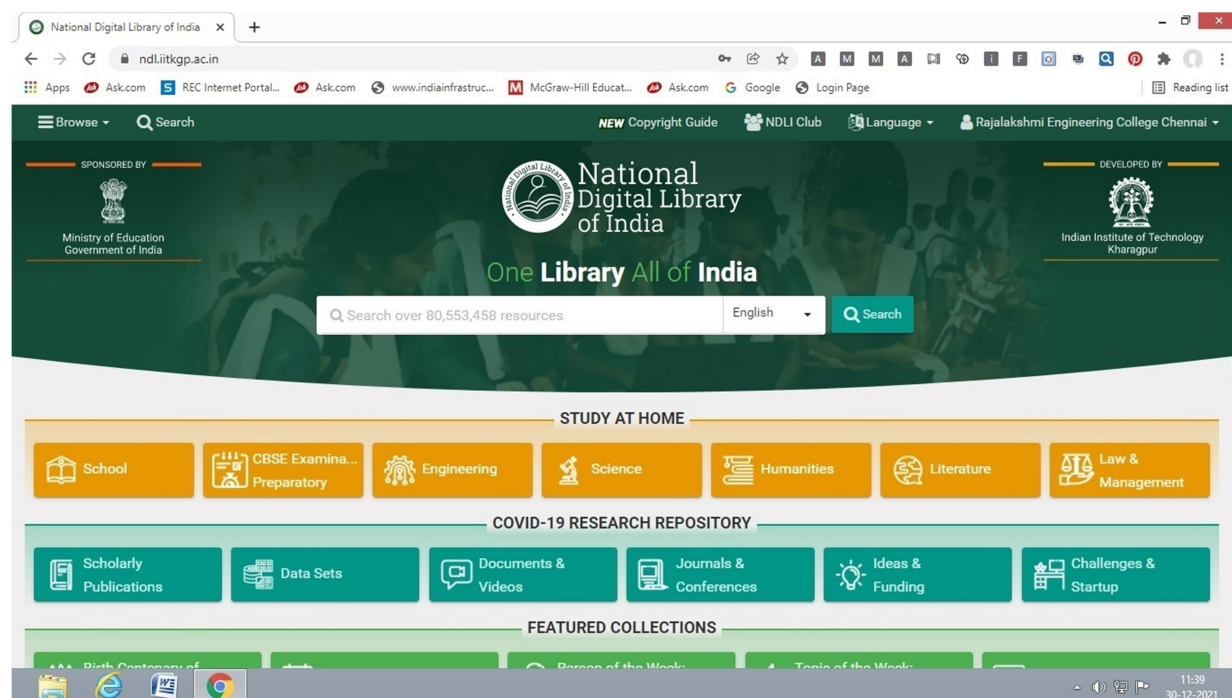
List of online National / International Journals subscribed

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	20	175
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	10	38
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
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
- National Digital Library (NDL) subscription details

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



- Laboratory and Workshop :
  - List of Major Equipments / Facilities in each Laboratory / Workshop :  
[Please click the following link to view the List of Major Equipments/Facilities](https://www.rajalakshmi.org/MD/REC-ListofMajorEquipments-MD.pdf)  
<https://www.rajalakshmi.org/MD/REC-ListofMajorEquipments-MD.pdf>
  - List of Experimental Setup in each Laboratory / Workshop  
<https://www.rajalakshmi.org/academics.php>

## Computing Facilities

### Internet Bandwidth

Our college has a dedicated internet lab working 24 hours a day, 7 days a week. We give free internet access to our students. We have **1155 Mbps 1:1 dedicated leased line internet connectivity** (1 Gbps from Tata and 155 Mbps from Vodafone Idea). The internet can be accessed from more than 1300 computers. All the departments and the HODs have internet connectivity. We have also provided a free 24x7 Wi-Fi facility in the entire campus (including hostels, cafeteria, seminar halls, auditorium) for the benefit of the students and faculty to avail internet connection from anywhere in the campus.

### No. and Configuration of Systems

The campus has 1750+ Desktop Computers / Laptops for UG programs and 150+ Desktop Computers / Laptops for PG programs. We have configurations from Intel Core i3 processor to Core i7 processor workstations in desktop model and High end servers with Xeon Silver Processors.

Our recent addition to the desktop model includes **Core i7 Platform Based Desktop with B560 chipset** (11<sup>th</sup> Generation Processor : **Intel Core i7 11700 with Intel UHD Graphics 750**, CPU Details : 2.5 Ghz base Frequency up to 4.9 Ghz with Intel Turbo Boost technology, 8 Cores & 16 Threads, Memory : **16 GB DDR4 RAM upgradable to 64 GB**, Max – Dual channel memory, HDD : **1 TB SATA (7200 RPM) HDD**, Integrated Gigabit LAN Port, **Graphics & Audio: 4 GB AMD Radeon Graphics Card & Internal High Definition Audio (2 Watts)**, Power Supply : Std 260W SMPS with 85% efficiency, Display / Monitor : **24 “ Wide LED Antiglare Flat panel Monitor**) and **Core i5 Platform Based Desktop with B560 chipset**, (11<sup>th</sup> Generation Processor : **Intel Core i5 11400 with Intel UHD Graphics 730**, CPU Details : 2.6 Ghz base Frequency up to 4.4 Ghz with Intel Turbo Boost technology, 12 Mb L3 cache, 6 Cores & 12 Threads, Memory : **16 GB DDR4 RAM upgradable to 64 GB**, HDD : **1 TB SATA (7200 RPM) HDD**, Integrated Gigabit LAN Port, **Graphics & Audio: 4 GB AMD Radeon Graphics Card & Internal High Definition Audio (2 Watts)**, Power Supply : Std 260W SMPS with 85% efficiency, Display / Monitor : **24” Wide LED Antiglare Flat panel Monitor LENOVO**)

Total Number of Systems connected by LAN: 1978

Total Number of Systems connected by LAN: 1978

### Major Software Packages available

System Software	
S.No.	
1	MS DOS 6.22
2	SCO UNIX 5.0
3	NOVELL NETWARE 5.0
4	MICROSOFT WINDOWS 98

5	MICROSOFT WINDOWS NT 4.0
6	MICROSOFT WINDOWS NT WORKSTATION 4.0
7	MICROSOFT WINDOWS 2000 PROFESSIONAL
8	MICROSOFT WINDOWS XP PROFESSIONAL(all version)
9	REDHAT LINUX ENTERPRISE EDITION 4 VERSION
10	MICROSOFT WINDOWS 2003 SERVER
11	MICROSOFT WINDOWS 8.0
<b>MICROSOFT CAMPUS AGREEMENT</b>	
12	MICROSOFT WINDOWS VISTA (All Version)
13	MICROSOFT WINDOWS 7 (All Version)
14	MICROSOFT WINDOWS 8 (All Version)
15	MICROSOFT WINDOWS 8.1 (All Version)
16	MICROSOFT WINDOWS 10 (All Version)
17	Windows HPC Server OS 2008R2 - Windows HPC Server OS 2008 R2
18	Windows HPC Server OS 2008R2 with SP2
19	Windows Server 2008(All Version)
20	Windows Server Standard 2008 without Hyper-V - Windows Server Standard 2008 W/O Hyper-V
21	Windows Server 2012 Essentials
22	Windows Server Standard 2012 R2 (All Verson )
23	Windows Server 2016 Standard
24	Windows Server 2019 Standard
25	Windows Server 2019 Essentials
26	Windows Small Business Server Essentials 2011
27	Windows XP Prof, x64 Ed.
28	Windows XP Professional
29	Windows XP Tablet PC Edition
30	Windows Thin PC
<b>OTHER SYSTEMS SOFTWARES</b>	
31	SUN SOLARIS 8.
32	FEDORA (FREE VERSION)
33	UBUNTU (Free Version)
34	CENTOS (FREE VERSION)

<b>Application Software</b>	
<b>S.No.</b>	
1	Borland Turbo C++ Suite
2	Microsoft Visual Studio 6.0 - Enterprise Edition
3	MSDN Library - Visual Studio 6.0 - Essential Resource for Developers
4	Microsoft Visual J++ 6.0
5	Microsoft Visual Studio .NET 2003 - Academic
6	Microsoft Visual Studio .NET 2003 - Academic - MSDN Library
7	Microsoft Visual Studio .NET 2003 - Professional
8	Microsoft Visual Studio .NET 2003 - Professional - MSDN Library
9	Visual Studio Professional 2015
10	Oracle 8i - Release 8.1.5 for MS Windows NT
11	Oracle Enterprise Manager - Release 2.0.4 - Windows NT & SUN SPARC Solaris
12	Oracle Web DB - Version 2.0.5 for Windows NT 4.0
13	Microsoft Office 2000 Professional
14	Microsoft Office Professional Enterprise Edition 2003
<b>MSDN CAMPUS AGREEMENT</b>	
15	Lync for Mac 2011
16	Office 2007 Suites
17	Office Professional Plus 2010
18	Office Professional Plus 2010 with SP1
19	Office Professional Plus 2013
20	Office Professional Plus 2013 with SP1
21	Office Enterprise 2007 with BCM - Office Enterprise 2007
22	Office Professional Plus 2016
23	Office Professional Plus 2019
24	Visual Studio Professional 2015
25	Visual Studio Professional 2017
26	Visual Studio Team Foundation Server 2015
27	Visual Studio Team Foundation Server 2017
28	Visual Studio Team Foundation Server 2018
29	SQL Server 2008 Standard Edition
30	SQL Server for Small Business 2008
31	SQL Server Web 2008
32	SQL Server 2012 Standard Edition
33	SQL Server 2014 Standard Edition
34	SQL Server 2016 Standard Edition
35	SQL Server 2017 Standard Edition
36	Microsoft Sql Server Workgroup 2008
37	System Center 2012 End Point Protection
38	System Center Virtual Machine Manager
39	System Center Configuration Manager
40	System Center 2012 Config Mgr Client Mgmt License



41	Windows Embedded 8.1 Industry Enterprise
<b>OTHER SOFTWARES</b>	
42	Eclipse
43	Netbeans
44	XAMPP
45	Android Studio
46	WAMP
47	Hadoop Horton Works
48	R Studio
49	VMWare
50	Python
51	IBM Rational Software
52	Microsoft Frontpage 98
53	Macromedia Studio MX - 2004
54	Adobe Creative Suite
55	SPSS Student Version 8.0
<b>S.No.</b>	
56	<b>IBM Software</b>
	WSAD 5.1.2 (Windows)
	WSAD 5.1.2 (Linux)
	WSAD 5 Audio Visual Tutorial
	WAS 5.1 (Windows & Linux)
	DB2 8.2 (Windows)
	DB2 8.2 (Linux)
	Eclipse, Apache Derby, Geronimo (Windows & Linux)
	DB2, UDB Enterprise Server Edition V8.2
	Websphere Application Server V6.0
	WAS V6.0 Application Server Toolkit
	Websphere Studio Application Developer 5.1.2
	Open Source (DB2 Express C, WAS CE, Eclipse)
	Courseware
	Websphere Application Server Community Edition
	IBM Academic Initiative Resource CD (The Great Mind Challenge 2006)
57	<b>ORACLE 10 G Suite</b>
	Oracle Database 10g
	Oracle Warehouse Builder 10g
	Oracle Content Database and Oracle Records Database 10g
	Oracle Application Server 10g (10.1.2.0.2) and Documentation
	Oracle Enterprise Manager 10g
	Oracle System Monitoring Plug-Ins
	Oracle Database Lite 10g
	Oracle Database 10g Client
	Oracle Enterprise Manager Grid Control
	Oracle Content Database and Oracle Records Database 10g Release 1, Oracle

	Drive Client (10.2.0.0.2)
	Oracle Secure Backup (10.1.0.2.0)
	Oracle Fail Safe Server
58	eZsms - Business Messaging System
59	<b>Adobe Bundle Suite CS2- 15 Licenses</b>
	Macromedia Director MX
	Macromedia Flash Professional 8
	Macromedia Dreamweaver 8
	Adobe Photoshop CS2 - Windows
	Total Training Video Workshop - Aobe Photoshop CS2
60	<b>Win Runner Software Suite</b>
61	<b>Renet( English Communication Software)</b>
	Multimedia Language Lab Package (New Version 2.60)
	Manuals & Samples
62	<b>SYSTAT 12 Software suite</b>
63	<b>Adobe Bundle CS3 Suite - 15 Licenses</b>
	Adobe Flash CS3 Professional - Windows
	Adobe Creative Suite 3 - Video Workshop
	Adobe Dreamweaver CS3 - Windows
	Adobe Creative Suite 3 - Video Workshop
	Adobe Director 11 - Windows
	Adobe Photoshop CS3 Extended - Windows
	Adobe Creative Suite 3 - Video Workshop
<b>S.No.</b>	
64	Adobe PageMaker 7.0 - Application - Windows
65	Adobe PageMaker 7.0 - Content - Windows & Macintosh
66	<b>SPSS 18 Suite</b>
	PASW Statistics Base - 18.0
	PASW Regression - Module
	PASW Direct Marketing - Module
67	<b>SUN JDK (Freeware)</b>
	JDK 1.6 SOFTWARE FOR WINDOWS
	JDK 1.7 SOFTWARE FOR WINDOWS
	JDK 1.8 SOFTWARE FOR WINDOWS
68	<b>APACHE TOMCAT Server (Freeware )</b>
	Tomcat 4 Server for windows
	Tomcat 5 Server fro windows
	Tomcat 6 Server Windows
69	<b>MYSQL Server (Open Source - Freeware)</b>
70	<b>NS - 2 (Open source Freeware)</b>
71	<b>Tally Software</b>
	Tally 5.4
	Tally 6.3

	Tally erp 9.0
72	<b>Microsoft Windows Defender</b>
73	<b>Symantec Endpoint Protection 11.0</b>
	<b>Mechanical Engineering</b>
1	ANSYS Software V 13.0 - 25 Licenses
2	Solidworks Software - 30 Licenses
3	Cadian Software - Site License (Unlimited)
4	CATIA V5 R18 - 15 Licenses
5	MATLAB Software - 5 Licenses
6	EDGE CAM Software - 20 Licenses
7	Pro E WF 5.0 Software University Plus Lab Bundle perpetual License - 50 Licenses
	<b>Aeronautical Engineering</b>
1	ANSYS Academic Teaching CFO version 12.0 - 25 Nos.
	<b>Electronics &amp; Communication Engineering</b>
1	MATLAB Software - 5 Licenses
2	Labview Software - 10+50 Licenses
3	PCAAD 5.0 - 1
4	MICROWIND 3.3 -15 Licenses
5	MASM Software - 30 Licenses
6	Network Lab Education Software and Hardware -15 Licenses
7	ORCAD CAPTURE with Pspice - 5 Licenses
8	ORCAD LAYOUT Plus User -1 License
9	EDATool Software ( B2PICE) - 5 Licenses
10	CROSS ASSEMBLER - 1 License
	<b>Electrical &amp; Electronics Engineering</b>
1	PSIM 7.0 - 5 Licenses
2	AU Power Lab
3	Labview Software - 10 Licenses
4	MATLAB Software - 5 Licenses
5	Cadence University Bundle Analog & Digital FE & BE
	<b>Biomedical Engineering</b>
1	MATLAB Software - 5 Licenses
	<b>Research and Development</b>
1	COMSOL Multiphysics - Class Kit License of 30 Users
2	COVENTER WARE - 1 Licenses
3	MEMS+2 - 1 License
4	INTELLISUITE 8.2 - 2 Licenses
5	TANNER EDA L-Edit - 1 License

6	Fuel Cells and Battery(COMSOL Module)- 30 User Class Kit License
7	3 DM Classroom Suite Termed License
	1. Engineering Graphics Drawings - 3 Licenses
	2. Manufacturing Tecnology -1 License
8	IE3D Antenna Design Software Perpetual License -5 Nos.
<b>Mechatronics Engineering</b>	
1	MSC - Software - University Motion Bundle - 50 User License
<b>CIVIL Engineering</b>	
1	Bentley Academic STAAD Pro Software Bundle Perpetual(Subscription) - 5 Nos.

### **Special purpose activities available (conduct of online Meetings/ Webinars / Workshops, etc.)**

To attend and actively participate in online meetings / webinars on-the-go, REC has procured licenses for 1. Google Workspace for Education: Teaching and Learning Upgrade, 2. Zoom Standard Pro, 3. Webinarjam.

#### **FEATURES**

- Easily join webinars from the webinar link in your email or calendar invite
- Connect to webinar using Wifi or cellular networks
- View webinar presentations up close
- Participate in polls, ask questions, and send emoji's

**20<sup>th</sup> Graduation Day**, held on 10.07.2021 was conducted **ONLINE** through webinarjam platform wherein 1500+ students and 2500+ parents/guests participated.

300+ of webinars, guest lectures, workshops, conferences, alumni webinar series were conducted using Google Meet and Zoom.

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

REC has procured licenses for Google Workspace for Education: Teaching and Learning Upgrade to conduct classes / courses in online mode. REC has developed REC Digital Café, a Moodle based customized application for conducting CS related practical classes.

REC, has always been a TECHNOLOGY FIRST INSTITUTION, for the first time in CHENNAI, introduced the Lecture Capturing System (LCS) in 2019, as a part of digital transformation to enhance the learning experience of the students and to revamp the teaching style of the faculty to offer better contextual and relevant content.

REC-LCS is an amazing way to extend material beyond the walls of the classroom. Students can access their education content anytime, anywhere and can learn at their own pace by simply logging in to the REC-LCS. Some students need to hear information more than once for it to sink in. Others get new information that recontextualizes earlier material, and need to go back and get everything to fit. REC-LCS makes it easy for the students to watch as many times as they need to. They can even watch the

video at a slower/faster pace if they want. Giving them control over how fast they can watch makes for more efficient study habits.

## **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 more.

<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>

**Compliant of the National Academic Depository (NAD), applicable to PGCM/PGDM Institution and University Department**

NA

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

REC is using Autoproctor integrated with Google Apps for Education for online examinations and is conducting online examinations successfully for the past 3 years.

Certain security measures were used including web camera authentication. It resulted in the simplification of the overall examination process. More than 50,000 exams were conducted over a period of 2 weeks' time.

The entire process was conducted in a paperless manner and with 100% accuracy. It resulted in instant mark sheet generation for the students and the college is able to declare results ahead of time. The overall process resulted in huge savings related to administration costs.

#### **o. List of facilities available**

- **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.

:

p. Extra-Curricular Activities

### **EXTRA CURRICULAR ACTIVITIES**

To impart Extra Curricular Activities at our College started Personality Development Program under the banner of **CFSR** ( Centre for Fostering Social Responsibility) approved by the Governing Council and commenced its activities from Academic Year 2015.

As initial step Our College Principal approved to start with NSS, Rotaract and Enactus Clubs and today we have active 14 clubs, such as Atrium, Debating, NSS, Rotaract, Youth Red cross, CII Yi ( Confederation of India Industry sponsored) Leo, Ethics, Yazh Tamil Mandram, ED Cell (Under the guidance of Anna University) Enactus (Social Entrepreneurship) NSO (National Sports Organization) and Unison Music Band (Won many First prizes both locally, such as Sarang and from Inter State Music Competition

All the first year students are eligible to join and each student is empowered to join in any of the club above, subject to the condition that each student to join one Club from Group A and One Club from Group B ( In total he is eligible to join in Two clubs)

Each Student should involve himself for 80 hours per Academic Year and will be given One Credit Under Personality Development Program, attendance will be monitored by the respective CFSR Club Coordinators.

Each student should compulsorily serve the society in any form such **Swatch Bharath, SwachPakwada, Unnath Bharath Aryan, MatribashaDiwas**, attending**AzadikaAmritMohotsav**CPR training, Tree Plantation, Organizing Blood Donation Campaign, Temple Cleaning, Pond Cleaning, Visit to old age home, encouraging Rural Sports , arranging guest speakers from various walks of life,Campus Cleaning **Seedball** distribution to the public, Traffic Controlling, Organic farming projectand other activities supporting to bring reformation and uplifting the Society.

One of our flagship program was telecasted in the “PuthiaThalaimurai leading Tamil TV Channel for adopting a Dalith Village “Nayapakkam” nearby our college, cleaned their village pond for human consumption. NSS Club did an Exemplary project under Social Forestry at “Rettai Lake” and received award from Rotary Club

Even during the Pandemic – Covid”19 period out CFSR Volunteers conducted various programs through Online pertaining to precautionary measures to be taken during this Covid period, giving importance to Vaccination, Social distancing. Enactus club volunteers madeMASK and marketed under Social Entrepreneurship activities at an affordable price, and the Journey towards Society goes on. Won many Recognitions from Govt. of India, Govt of Tamilnadu, Rotary Club, Voluntary Health Services for our Blood donation Campaign for contributing blood to the Cancer Institute.

q. Soft Skill Development Facilities

Year	Minimum Salary	Average Salary	Maximum Salary
2018-19	2.40 LPA	3.80 LPA	9.50 LPA
2019-20	2.48 LPA	4.15 LPA	17.0 LPA
2020-21	3.10 LPA	4.50 LPA	12.0 LPA

:

16. Teaching Learning Process :

a. Curricula and syllabus for each of the programmes as approved by the University

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

b. Academic Calendar of the University : (<http://www.rajalakshmi.org/academic-calendar.php>)

Odd Semester 2021-22:

RAJALAKSHMI ENGINEERING COLLEGE													
ACADEMIC CALENDAR - ODD SEMESTER 2021-2022 - II YEAR													
[III Semesters] [SANTYODHAR]													
Week	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Week	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4	5	6	7	1	2	3	4	5	6	7
8	9	10	11	12	13	14	8	9	10	11	12	13	14
15	16	17	18	19	20	21	15	16	17	18	19	20	21
22	23	24	25	26	27	28	22	23	24	25	26	27	28
29	30	31					29	30	31				
32							32						
33							33						
34							34						
35							35						
36							36						
37							37						
38							38						
39							39						
40							40						
41							41						
42							42						
43							43						
44							44						
45							45						
46							46						
47							47						
48							48						
49							49						
50							50						
51							51						
52							52						
53							53						
54							54						
55							55						
56							56						
57							57						
58							58						
59							59						
60							60						
61							61						
62							62						
63							63						
64							64						
65							65						
66							66						
67							67						
68							68						
69							69						
70							70						
71							71						
72							72						
73							73						
74							74						
75							75						
76							76						
77							77						
78							78						
79							79						
80							80						
81							81						
82							82						
83							83						
84							84						
85							85						
86							86						
87							87						
88							88						
89							89						
90							90						
91							91						
92							92						
93							93						
94							94						
95							95						
96							96						
97							97						
98							98						
99							99						
100							100						
101							101						
102							102						
103							103						
104							104						
105							105						
106							106						
107							107						
108							108						
109							109						
110							110						
111							111						
112							112						
113							113						
114							114						
115							115						
116							116						
117							117						
118							118						
119							119						
120							120						
121							121						
122							122						
123							123						
124							124						
125							125						
126							126						
127							127						
128							128						
129							129						
130							130						
131							131						
132							132						
133							133						
134							134						
135							135						
136							136						
137							137						
138							138						
139							139						
140							140						
141							141						
142							142						
143							143						
144							144						
145							145						
146							146						
147							147						
148							148						
149							149						
150							150						
151							151						
152							152						
153							153						
154							154						
155							155						
156							156						
157							157						
158							158						
159							159						
160							160						
161							161						
162							162						
163							163						
164							164						
165							165						
166							166						
167							167						
168							168						
169							169						
170							170						
171							171						
172							172						
173							173						
174							174						
175							175						
176							176						
177							177						
178							178						
179							179						
180							180						
181							181						
182							182						
183							183						
184							184						
185							185						
186							186						
187							187						
188							188						
189							189						
190							190						
191							191						
192							192						
193							193						
194							194						
195							195						
196							196						
197							197						
198							198						
199							199						
200							200						
201							201						
202							202						
203							203						
204							204						
205							205						
206							206						



**Even Semester 2021-22**[illegible]

- c. Academic Time Table with the name of the Faculty members handling the Course :

**Click the following link to view the Time Table**

<https://www.rajalakshmi.org/MD/REC-TimeTable-MD.pdf>

- d. Teaching Load of each Faculty

**Professor – 8 hours / week,**

**Addpcoate Professor – 12 hours / week**

**Assistant Professor : 16 hours / week**

- e. Internal Continuous Evaluation System and Place

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.

**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 performance in the viva-voce examination.

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

- f. 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.

17. For each Post Graduate Courses give the following:

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

b. Curricula and Syllabi : <https://www.rajalakshmi.org/academics.php> :

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

[Click the following link to view the PG facilities](#)

<https://www.rajalakshmi.org/MD/REC-PGLabfacilities-MD.pdf>

d. Special purpose

- Software all design tools in case
- Academic Calendar and framework

Academic calendar is planned well before the beginning of each semester , odd semester from June-November and even semester Dec-May, which consists of following activities

- ✓ Reopening of the classes
- ✓ Continues Assessment Tests (CAT) –I, II, III
- ✓ General counseling sessions
- ✓ Online feedback on Faculty Teaching learning process
- ✓ Parents-teachers meet
- ✓ End semester exam – Practical
- ✓ End semester exam – Theory
- ✓ Government holidays
- ✓ Reopening of the classes for next semester

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

Year	Number of Students placed
2018-19	1154+
2019-20	1222+
2020-21	1398+

19. List of Research / Project / Consultancy Works

a. Number of Projects carried out, funding agency, Grant received

Sponsored Research Details

Year	2020	2019	2018
Total No. of Sponsored Projects	18	2	
No. of Project Agencies	14	9	7
Total Amount Received in Rs.	788435500	72146000	34011000

Consultancy Project Details

Year	2020	2019	2018
Total No. of Consultancy Projects	41	35	21

b. Publication (if any) out of research in last three years out of masters projects

	Book Publication	Book Chapter Publication
2018	4	6
2019	2	22
2020	1	36
2021	0	38

c. Industry Linkage [Annexure ]

d. MoU's with Industries (minimum 3(10))

Sl No	Name of Company	Year of signing
1	TATA CONSULTANCY SERVICES	2012
2	REC BOSCH	2013
3	APOLLO HOSPITALS	2014
4	ARIES BIOMED	2014
5	INFOSYS	2014
6	VALEO	2014
7	AWS	2015
8	BSNL	2015
9	EMC CORP CENTRE FOR BIG DATA SCIENCE AND BIG DATA ANALYTICS	2015
10	EMC CORP –CLOUD INFRASTRUCTURE SERVICES	2015
11	PALO ALTO NETWORKS AUTHORISED ACADEMY CENTER- FIREWALL	2015
12	WIPRO UTLP EMBEDDED SYSTEMS	2015
13	HITACHI SOLUTIONS	2016
14	SYSTECH SOLUTIONS	2016
15	AUTODESK (REVIT)	2017
16	BARY WHEMILLER	2017
17	UAP – PEGASYSTEMS	2017
18	UI PATH	2017
19	MANDO	2018
20	PHA INDIA	2018
21	VMWARE IT ACADEMY- VIRTUALISATION	2018
22	WIPRO TALENTNEXT	2018
23	AUTOMATION ANYWHERE	2019
24	BRAKES INDIA	2019
25	VIRTUSA	2019
26	WIPRO GE HEALTHCARE	2019
27	ORACLE ACADEMY	2019
28	BLUEPRISM UNIVERSITY	2021
29	TATA ELXSI	2021

20. LOA and Subsequent EOA till the current Academic Year :

[Click the following link to view the EoA till current Academic Year – Engineering & Technology](#)

<https://www.rajalakshmi.org/MD/REC-AICTE-EOA-ET-MD.pdf>

[Click the following link to view the EoA till current Academic Year – MBA](#)

<https://www.rajalakshmi.org/MD/REC-AICTE-EOA-MBA-MD.pdf>

21. **Best Practices adopted, if any**

The Context

Upgrading oneself in latest technologies, cross discipline courses have become a success mantra for enriched success in the lives of students and faculty of engineering nowadays. Through SWAYAM NPTEL, we get an opportunity to pursue to a range of engineering and cross cutting technology courses taught by professors of IITs, IISc and reputed industries.

The objective

NPTEL local chapter of Rajalakshmi Engineering College has been keen in encouraging the learners who has interest in upgrading their knowledge in basic and advanced courses offered by NPTEL. Objective of the Local chapter is to increase the number of learners and support them by clarifying all doubts with due assistance wherever possible. Courses list offered by NPTEL will be circulated through group emails to students and faculty of all departments. Periodic reminders for deadline on enrollment and registration of certification examinations are sent.

The practice

In addition to the support in terms of reminders, clarifications, transport to exam centers, hall ticket copies and certificate copies, we also provide a unique reward for all performers of NPTEL Certification exams proportionate to their scores as below.

Topper - Rs.1000 or 100% of exam fee

Gold - Rs.1000 or 100% of exam fee

Silver - Rs 750 or 75% of exam fee

Elite - Rs.500 or 50% of exam fee

Successfully Completed - Rs. 250 or 25% of exam fee

We also ensure that the other incentives offered by NPTEL like internships, free workshops, joint work at IIT labs etc., for good performers are taken up by learners of REC.

Obstacles/ problems faced

At early stage, students felt this as an overload beyond the courses they had in every semester. But after experiencing the courses and other benefits, slowly numbers started improving and learners gained more interest in scoring high grades in certification exams. Seniors also shared the value consideration of NPTEL

certificate in Placement interviews and higher education. This motivated many enthusiastic learners to pursue courses on a continuous basis. Faculty also vouch the courses enrich their knowledge that supplement their teaching and research work.

### Evidence of success

Our local chapter has been an active local chapter since 2015 and has been in top 100 local chapters ranked by NPTEL at national level.

NPTEL is very happy to be associated with RAJALAKSHMI ENGINEERING COLLEGE institute and its students. We are thankful to DR V.PRASANNAKUMARI for being a pillar of support in NPTEL initiatives.

**Jan-Dec 2020**  
CONGRATS! You are one of the top 100 Local Chapters. Your college is hereby recognized as an ACTIVE Local Chapter.

Semester	Placard	Gold	Silver	Bronze	Participates	Topper	NPTEL Stars
Jan-Dec 2016	228	16	113	47	73	46	21
Jan-Dec 2017	213	10	113	91	39	40	28
Jan-Apr 2018	407	29	47	98	103	40	32
Jan-Dec 2018	1106	8	300	0	433	125	28
Jan-Apr 2019	229	8	139	0	47	23	17
Jan-Dec 2017	184	8	112	0	48	8	13
Jan-Dec 2017	99	2	27	0	31	8	8
Jan-Dec 2016	42	3	27	0	17	15	4
Jan-Dec 2016	18	0	8	0	6	2	3
Jan-Dec 2018	33	0	31	0	12	12	1
Jan-Dec 2018	3	0	0	0	2	1	0

As a result and evidence of our success in self learning, though the number of learners have been around 400, the number of toppers, Gold and silver certificates have also been proving our quality. Based on our standing in Top 100 LCs for 8 consecutive semesters, we have been awarded as LC STAR by NPTEL.



### Resources required

We provided 24 x 7 support in clarifying all doubts of learners through email and phone. Every department had NPTEL coordinators to get in touch with student learners and motivate them. Student ambassadors were nominated and they also acted as guides in pursuing NPTEL courses. Management's financial support as scholarship for the performers encouraged them to pursue more and more courses and do well in exams.

### Contact details

Dr.V.Prasannakumari

SPOC-NPTEL

[prasannakumari.v@rajalakshmi.edu.in](mailto:prasannakumari.v@rajalakshmi.edu.in)

9884179632

@@@@@