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

HARDWORK · DISCIPLINE

REC

ENGINEER YOUR FUTURE

YOUR JOURNEY STARTS HERE!

Rajalakshmi
Institutions
Because the World needs you...

RECENT STUDENT ACHIEVEMENTS

- ICTACT Innovator Award for the App on Rescue Me.
- Melting Point - TATA NEN FIRST DOT award for best Campus startup.
- Prostate Cancer Research Work carried out by Ms.Preethi published in NATURE Journal.
- CII Hackathon Winner for 2 Consecutive years.
- Winner of USIEF Hackathon for Cyber Security.
- National Project Winners of Embedded System Project conducted by WIPRO.
- SAE BAJA Regional Winners.
- Hosted the Prestigious Word Universities debating Championship (WUDC) with participants from 100+ Top Universities in the World.
- Vinodh Guruswamy - UAV entrepreneur, University of Wales.
- Listed as one of the top 30 Institutions by the IBM - The Great Mind Challenge for 2 consecutive years.
- Khorana Research Fellowship.
- Enactus - Regional Winners.
- Represented Tamil Nadu in the National Rowing Championships.
- Represented Anna University in Football, Boxing, Squash, Table Tennis in Various National Level Meets.
- 14 Students from the Department of Biotechnology participated in the iGEM (International Genetically Engineered Machine), an International competition on Synthetic Biology held in Boston and won the BRONZE medal in which UG students from different countries participated.
- Winners among 128 teams from all over India in Smart india hackathon.

IGEM BRONZE MEDAL WINNERS, BOSTON

RESIDENTIAL FACILITIES

Separate Hostels for boys and girls available in the Campus. Well furnished Hostels provide the following facilities:

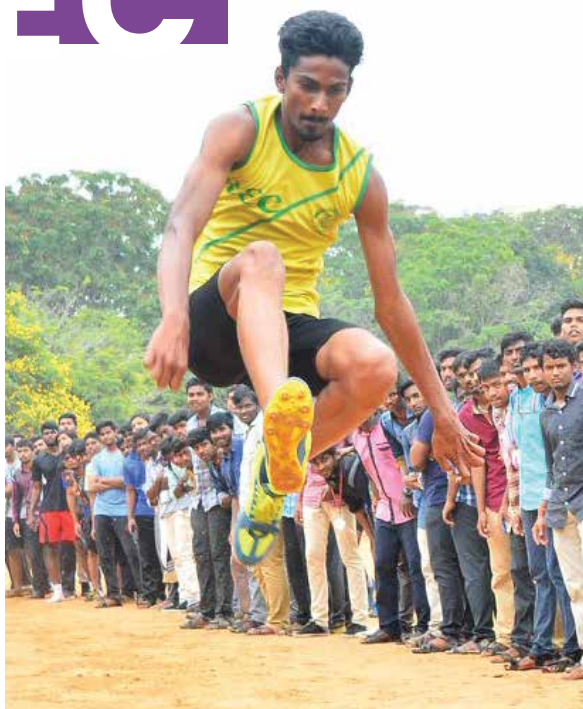| AIR-CONDITIONED ROOMS | CONVENIENCE STORES | LAUNDROMAT | ACCESS TO QUALITY HEALTH CARE | 24/7 AMBULANCE FACILITY | HYGENIC MESS FACILITY | WIFI | ATM | GYM | 24 HOUR POWER BACK UP | THEATRE FOR MOVIE SCREENING & TV |

Indoor and Outdoor facilities for different sports like Badminton, Table Tennis, Cricket, Football, Basketball, Volleyball etc. The campus boasts of a fully equipped Gymnasium also.

REC

REC

COURSES OFFERED

UNDER GRADUATE PROGRAMMES

- B.E. Aeronautical Engineering [1]
- B.E. Automobile Engineering [1]
- B.E. Bio-Medical Engineering [1]
- B.E. Civil Engineering [1]
- B.E. Computer Science & Design [1]
- B.E. Computer Science & Engineering [1&2]
- B.E. Computer & Communication Engineering [2]
- B.E. Electronics & Communication Engineering [1&2]
- B.E. Electrical & Electronics Engineering [1]
- B.E. Mechanical Engineering [1&2]
- B.E. Mechatronics Engineering [1]
- B.E. Robotics & Automation [1]
- B.Tech. Artificial Intelligence & Data Science [2]
- B.Tech. Artificial Intelligence & Machine Learning [1]
- B.Tech. Bio-Technology [1]
- B.Tech. Computer Science & Business Systems [1&2]
- B.Tech. Chemical Engineering [1]
- B.Tech. Food Technology [1]
- B.Tech. Information Technology [1]
- B. Arch. Architecture [1]

POST GRADUATE PROGRAMMES

- M.E. Avionics
- M.E. Communication Systems
- M.E. Computer Science & Engineering
- M.E. Engineering Design
- M.E. Embedded Systems Technologies
- M.E. Medical Electronics
- M.Tech. Bio-Technology
- M.Tech. Data Science
- Master of Business Administration

RESEARCH PROGRAMMES

- Ph.D. Bio-Medical Engineering
- Ph.D. Bio-Technology
- Ph.D. Chemistry
- Ph.D. Computer Science & Engineering
- Ph.D. Electronics & Communication Engineering
- Ph.D. Electrical & Electronics Engineering
- Ph.D. Information Technology
- Ph.D. Mathematics
- Ph.D. Mechanical Engineering

1 – COURSES OFFERED AT REC CAMPUS | 2 – COURSES OFFERED AT RIT CAMPUS

Rajalakshmi™ Institutions
Because the World needs you...

RAJALAKSHMI ENGINEERING COLLEGE

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Highway, Thandalam, Chennai - 602105.
Ph: +91-44-2644 2472, 2646 1316
Mobile: +91 73055 12660
Email: admissions@rajalakshmi.edu.in
Website: www.rajalakshmi.org

APPROVALS ACCREDITATIONS & HONOURS

CELEBRATING

25 REC
IN QUALITY
RESEARCH & INNOVATION
YEARS OF ACADEMIC EXCELLENCE

RANKED
TOP 10 %
nirf NATIONAL INSTITUTIONAL RANKING FRAMEWORK

AMONGST ALL TECHNICAL INSTITUTIONS ACROSS INDIA

APPROVED BY
AICTE
All India Council for Technical Education

A GRADE
ACCREDITED BY
NAAC
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

ACCREDITED BY
NBA
NATIONAL BOARD OF ACCREDITATION

AFFILIATED TO
ANNA UNIVERSITY
PROGRESS THROUGH KNOWLEDGE

FULLY
AUTONOMOUS
UNDER
ANNA UNIVERSITY

14
PROGRAMS

PERMANENT
AFFILIATION
BY ANNA UNIVERSITY

RANKED
12th
IN INDIA FOR PLACEMENTS

RANKED
15th
AMONGST ALL PRIVATE INSTITUTIONS BY
DATAQUEST

tcs TATA CONSULTANCY SERVICES   wipro   Cognizant

ACCREDITED BY LEADING CORPORATES

- Green and eco-friendly campus spread across 100 acres that sow the seeds of change to transform young students into successful technocrats.

- Technology enabled classrooms – Smart TVs and Lecture Capture Systems to facilitate seamless learning at campus and at home.

- Academic Infrastructure spread over 15 lakhs sq.ft of built up area.

- Well stocked libraries with access to 4,560 International Journals and 245 National Journals guaranteeing access to knowledge even beyond classrooms.

- Modern laboratories completely synchronized with Industry 4.0 to facilitate flow of thought and action and help students pick up critical skills.

ACADEMICS

- **Industry 4.0 aligned curriculum** to help students gain deep digital insights.

- **Fully Flexible Choice Based Credit System.**

- Credits for Internship, Student Abroad (Summer / Winter programs), Online courses like NPTEL, etc.

- Credits for programs offered by TCS, Cognizant, etc.

- Continuous Evaluation to help students gain complete mastery of the courses.

- Lab Integrated Theory courses to facilitate acquisition of critical problem solving skills.

- 80 hours of Non Credit activities through multiple student clubs to develop a wholesome personality.

RESEARCH AMBIENCE

- Ecosystem that nurtures high quality research and pushes the boundaries of knowledge through multi-disciplinary collaborations.

- Availability of research labs / Projects funded by Department of Science and Technology (DST), Defense Research and Development Organization (DRDO), Naval Research Board (NRB), Atomic Energy Research Board (AERB), University Grants Commission (UGC) etc.

- Scientific and Industrial Research Organization (SIRO) recognition by Department of Scientific and Industrial Research (DSIR), Government of India.

- 12 (B) approval from University Grants Commission (UGC).

- 9 Departments of the Institution approved as Research Centers of Anna University.

- MEMS Design Center of the Ministry of Information and Communication Technology under the NPMASS Programme.

- Research funding to the tune of Rs. 25 Crores from various funding agencies.

- Consultancy Services to Industry worth Rs. 1.2 Crores for various problems faced by the Industry. Industry clients who have leveraged our Faculty member's expertise include Mando, Iljin, TITAN, Nokia Siemens, Super Auto Forge, Hi-temp furnaces etc.

- 86 Patents filed in the last 2 years.

- 970 Publications in peer reviewed journals in the last 3 years.

- A **Center of Excellence (CoE)** is a body within REC that collaborates across different departments and possesses cutting-edge knowledge and competency in that area. **REC has 15 Centers of Excellence** within the campus and addressing problems in the area of **Machine Vision, MEMS & Microfluidics, Sustainable Construction Materials, Data Science, Embedded Technology, IoT, Renewable Energy, BioFilms, High-Speed Jet Flows, Computational Fluid Dynamics, Assistive Technology, Medical Imaging, Food Products and Process Design, Electric Vehicle and Digital Manufacturing.**

INDUSTRY INSTITUTE INTERACTION

- ◆ Strategic partnerships with various Industry Partners for mutual benefit.

- ◆ Graded Platinum - The highest rating in the AICTE - CII survey on Industry Institute Interaction.

- ◆ Multiple partnerships for Industry driven training and certification, Strategic hiring, Faculty Development Programmes, Internships, Projects, Industry Visits, Guest Lectures etc.

- ◆ Internship.

PARTNERSHIPS WITH INDUSTRY BODIES

- ◆ **CII** - Confederation of Indian Industry

- ◆ **NASSCOM** - National Association of Software Companies

- ◆ **IESA** - Indian Electronics and Semiconductor Association

- ◆ **HCC** - Hindustan Chamber of Commerce

- ◆ **MMA** - Madras Management Association

- ◆ **ICTACT** - ICT Academy of Tamil Nadu

- ◆ **IGCC** - Indo German Chamber of Commerce

- ◆ **SICCI** - The Southern India Chamber Of Commerce And Industry

- ◆ **ASSOCHAM** - The Associated Chambers of Commerce and Industry of India

OUR INDUSTRY PARTNERS

wipro | UiPath | Valeo | vmware IT ACADEMY | Pega | virtusa | TATA ELXSI | Infosys Navigate your next

tcs TATA CONSULTANCY SERVICES | ORACLE Academy | wipro GE | paloalto | SysTech Solutions | Mando | HITACHI Inspire the Next |

EMC² where information lives | PHA India (P) Ltd | BSNL Connecting India Faster | Brakes India Limited | AUTOMATION ANYWHERE | BOSCH | AUTODESK REVIT | blueprism

Apollo HOSPITALS | barrywehmiller | aws | ARIES BIOMED TECHNOLOGY

ACTIVITIES

- TRAINING
- STRATEGIC HIRING
- INTERNSHIP
- INDUSTRIAL VISIT
- FDP
- NEW COURSES
- FACULTY SABBATICALS

PLACEMENT TRENDS

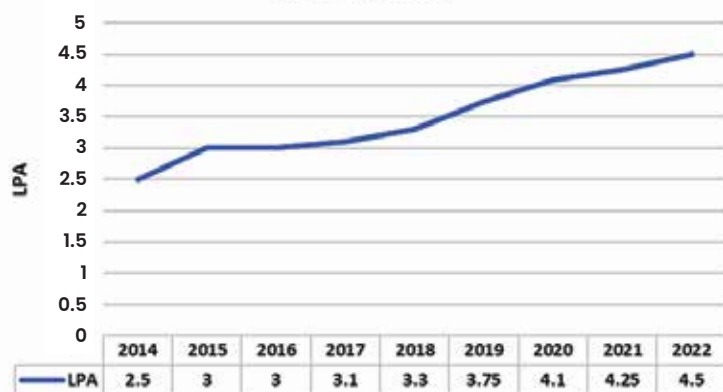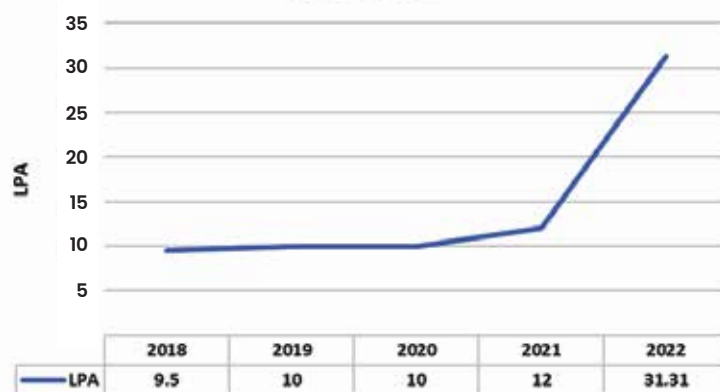|	IT		CORE		OTHERS		TOTAL
2020	838	+	312	+	87	=	1237
2021	1115	+	259	+	28	=	1402
2022*	1611	+	266	+	34	=	1911

* IN PROGRESS

CTC TRENDS

Median Salary

	2014	2015	2016	2017	2018	2019	2020	2021	2022
LPA	2.5	3	3	3.1	3.3	3.75	4.1	4.25	4.5

Highest CTC

	2018	2019	2020	2021	2022
LPA	9.5	10	10	12	31.31

CORE COMPANIES

HYUNDAI · ZIFO R&D SOLUTIONS · L&T Technology Services · WABCO · SANMAR · torrent GAS · TVS Sundaram-Clayton Limited · APPLIED MATERIALS · Brakes India Limited · SCHWING Stetter · Rane Expanding Horizons · DAIMLER · SAINT-GOBAIN · RENAULT NISSAN MITSUBISHI

& Many More…

PRODUCT COMPANIES

amazon | zoho | Walmart | CISCO | PEGA | TIGER ANALYTICS

& Many More...

IT SERVICE COMPANIES

tcs TATA CONSULTANCY SERVICES | wipro | Cognizant | Infosys | Tech Mahindra | verizon | accenture | virtusa

& Many More...

CONSULTING COMPANIES

pwc | EY | Deloitte. | Goldman Sachs

& Many More...

INTERNATIONAL PARTNERSHIPS

We have active and functional Mou's with several leading Universities such as Michigan State University, University of Plymouth, San Francisco State University, Northern Arizona University, UC Berkeley through which our faculty members and students have taken part in students and faculty exchange programs.

UC BERKELEY EXTENSION, USA	MILLERSVILLE UNIVERSITY OF PENNSYLVANIA, USA	UNIVERSITY OF PARDUBICE, CZECH REPUBLIC
MICHIGAN STATE UNIVERSITY, USA	UNIVERSITY OF UTAH, USA	ALTINBAS UNIVERSITY, TURKEY
CALIFORNIA STATE UNIVERSITY, USA	SAN FRANCISCO STATE UNIVERSITY, USA	ISTANBUL GEDIK, TURKEY
NORTHERN ARIZONA UNIVERSITY, USA	UNIVERSIDADE DE VIGO, SPAIN	SWINBURNE UNIVERSITY
EDINBORO UNIVERSITY, USA	UNIVERSITY OF A CORUNA, SPAIN	UNIVERSIDADE FEDERAL DE JUIZ DE FORA, BRAZIL
ALAMO COLLEGES, USA	MOSCOW AVIATION INSTITUTE, RUSSIA	UNIVERSIDADE PAULISTA – UNIP, BRAZIL
UNIVERSITY OF REGINA, USA	UNIVERSITY OF WOLVERHAMPTON, UK	UNIVERSITY OF PLYMOUTH – ENGLAND
	BAHIR – DAR UNIVERSITY, ETHIOPIA	

MS. SAISRUTHI BALAJI/CSE @ TU BERLIN – SUMMER INTERNSHIP PROGRAMME.

TECHNICAL TRAINING PROGRAMME @ SWINBURNE UNIVERSITY.

DR.T.THAMIZHSELVAN @ NORTHERN ARIZONA UNIVERSITY – VISITING SCHOLAR PROGRAM.

- **Strong emphasis on holistic learning with focus on preparing the students to face tomorrow's world.**
- **Encouragement to participate in Co-curricular and Extracurricular activities.**

INAUGURATION OF REC FUTSAL COURT AND LAUNCH OF STUDENT CLUB ACTIVITIES BY CHAMPION DJ BRAVO

INTERCOLLEGE CULTURAL EVENTS - INAUGURATED BY ACTOR KARTHI

LIST OF PROFESSIONAL SOCIETIES

- **ISTE** – Indian Society of Technical Education
- **CSI** – Computer Society of India
- **IEEE** – Institute of Electrical and Electronics Engineers
- **ASI** – The Aeronautical Society of India
- **IET** – The Institute of Engineering and Technology
- **SAE** – Society of Automotive Engineers
- **ASME** – American Society of Mechanical Engineers
- **NIQR** – National Institute for Quality and Reliability
- **ISHRAE** – Indian Society for Heating Refrigeration and Air-Conditioning
- **SBC** – Society of Biological Chemists
- **IETE** – Institute of Engineering and Technology
- **ACM** – Association for Computing Machinery
- **ICI** – Indian Concrete Institute

LIST OF STUDENT CLUBS

- **ROTARACT** – To help students to enhance the knowledge and skills that will assist them in personal development and to address the physical and social needs of their communities.
- **NSS** – To help students develop their personality through community **service.**
- **Enactus** – To help students understand the power of entrepreneurship to create a better and a sustainable world.
- **Atrium** – To help students fine-tune their English Literary skills.
- **Debating Society** – To help students understand the power of debating and improve prove their oratorical and presentation skills.
- **Yaazh** – To help students fine-tune their Tamil Literary skills.
- **Unison** – The college official band.
- **Ethics** – To promote moral values and ethical behavior amongst youth.
- **LEO** – To develop the leadership skills of the students by organizing social activities.
- **ED Cell** – To build Technical / Non-Technical Entrepreneurs in the campus.
- **CII Yi** – Student wing of the Young Indians Movement in collaboration with the Confederation of Indian Industry to make the youth more efficient, entrepreneurial, innovative and mould them to be a bold representation at Global and National levels.
- **Photography** – To promote the art among the students who have passion for photography.
- **Youth Red Cross** – To develop the personality and character of the youth by organizing awareness and social programs.

UNISON
REC'S MUSIC BAND