



RGCE

RAJIV GANDHI COLLEGE OF ENGINEERING



PROSPECTUS 2015-2016



ABOUT THE COLLEGE

Rajiv Gandhi College of Engineering (RGCE) is a reputed institution approved by AICTE, New Delhi and affiliated to Anna University, Chennai. It is a Christian minority institution established in 2001 by **The Gulf Returnees Educational Society (GRES)**. The College campus is situated at Nemili, Sriperumbudur on the Chennai – Bangalore - NH4 National Highway. Sriperumbudur, Chennai is an industrial hub with many reputed Industries. The College is well equipped with the best of infrastructure and has well qualified professionals who form part of the teaching and the administrative staff.

RGCE is an ISO 9001:2008 Certified Institution which constantly strives hard to offer value based quality education and training to students. The college was accredited by NBA, New Delhi and has been awarded permanent affiliation by Anna University in Circuit Branches. Till date, 10 batches of students have successfully passed out and are well placed in different sectors all over India & abroad. The College offers 8 UG and 4 PG Courses.

Since inception, the College has maintained its eminence as one of the leading Engineering Colleges in TamilNadu and India. It provides a stimulating environment for intellectual development, free thinking and personal growth, challenging its students with dynamic learning opportunities and equipping them with the skills, insights, attitudes and practical experiences that are necessary to take up responsibilities in the society.

While students at RGCE immerse themselves in academics, the college has a lot in store for them outside the classroom. Student's life includes participation in sports, recreational, co-curricular and extracurricular activities. In short, at RGCE, students will find an academic and social environment where everyone- from faculty members to peers help shape their future.

Why RGCE?

1. Excellent Infrastructure
2. Qualified and Dedicated Faculty
3. Well equipped labs with latest equipments and Software
4. High Speed Internet
5. Digital library
6. Hostel facilities for Boys and Girls
7. Placement cell
8. Industrial visits and In plant Training
9. Entrepreneurship cell
10. Soft skill training
11. Guest lectures and Seminars
12. Personality Development Programs
13. Transport facilities
14. Hygienic food
15. Gym and Sports
16. Co curricular and extracurricular activities



OUR GOAL

To emerge as a premier engineering technical institution in the country by imparting quality education and thus facilitate the students to grow as a dynamic professional so that they play a vital role for the progress of the nation and for a peaceful co-existence of the fellow human being.



OUR VISION

The Vision of RGCE is to be a Center of Excellence in Academic and Research.



OUR MISSION

Mission is to establish and develop a multi-disciplinary College of Engineering, bench-marking its academic standards and quality of campus life with the best educational centers in India.

**EXECUTIVE COMMITTEE OF THE GULF RETURNEES EDUCATIONAL SOCIETY,
CHENNAI (Promoters of Rajiv Gandhi College of Engineering)**



**Rev. Dr. Kurien Thomas
Chairman**



**Mrs. Annamma John
Secretary**



**P. J. Mammen
Treasurer**



**Jacob Chandy
Vice Chairman**



**Jose Mathew
Joint Secretary**



**Babu Thomas
Member**



**John Thomas
Member**



**V. V. Varghese
Member**



**Mathew Eapen
Member**

ABOUT THE CHAIRMAN



Rev. Dr. Kurian Thomas M.A. (SW), Ph.D (USA), is an eminent person and a well known social worker. He is the Founder and President of AshaNivas Social Service Centre and Madras Institute of Labour Consultancy. He has a doctorate in Social Sciences from the University of East Georgia (USA) and Masters Degree in Social Work. He has authored many books and has served as a member in many committees. He has presented many papers in various Seminars both National and International.

ABOUT THE PRINCIPAL



Dr. R. Ponnusamy received his M.Tech. in Computer Science & Engineering from Pondicherry University, Pondicherry, in 2000. He then obtained his Ph.D. in Computer Science and Engineering from Anna University, Chennai in 2008. He has been in teaching profession for more than 15 years. He has guided several projects at the Ph.D., P.G and U.G level. His areas of interests are Distributed Artificial Intelligence, Soft-Computing, E-Governance, Information Retrieval, Human-Computer Interaction and Higher-Education. He has presented/published more than 50 papers in various international conference and journals. He has received a Young Scientist Fellowship from Tamil Nadu State Council for Science & Technology in 2005 and deputed to Supercomputer Education Research Center, Indian Institute of Science, Bangalore, (2005 – 2006) as a Visiting Fellow.

COURSES

About the Courses

All the programs offered, are affiliated to Anna University, Chennai and approved by the All India Council for Technical Education (AICTE), New Delhi.

The B.E/B.Tech programs are 8 semesters (4 years) in duration. The M.E/M.Tech programs are 4 semesters (2 years) in duration. Evaluation is done according to the norms of Anna University, Chennai and consists of both internal and external evaluations.

UG COURSES

- **B.E. - Automobile Engineering**
- **B.E. - Bio Medical Engineering**
- **B.E. - Civil 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. - Petroleum Engineering**

PG COURSES

- **M.E. - Applied Electronics**
- **M.E. - Communication and Networking**
- **M.E. - Computer Science and Engineering**
- **M.E. - Embedded Systems Technologies**

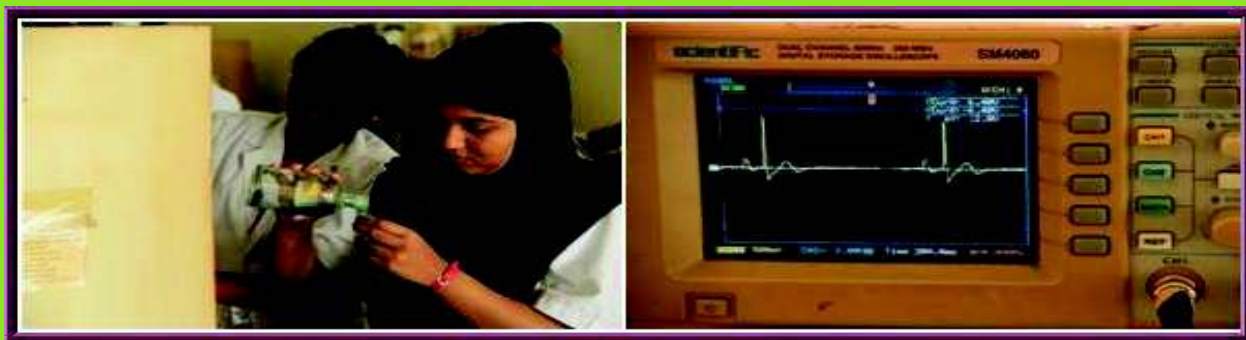
AUTOMOBILE ENGINEERING

The Department of Automobile Engineering was started in the year 2012 with sanctioned intake of 60. It has well equipped laboratories. This branch has been a major attraction among engineering aspirants. The students are trained in the fundamentals of automotive engineering including design and analytical skills. Field visits and internships add value to their practical appreciation of industry practices and problem solving experience.



BIOMEDICAL ENGINEERING

RGCE is the first college to introduce undergraduate course in Bio- Medical Engineering in Tamil Nadu through Anna University. The course B.E. Bio-Medical Engineering was started in the year 2002 with an intake of 60. It is accredited by NBA, New Delhi. Its main objective is to provide a knowledge-based, timely, cost-effective and high-quality service to hospitals in upkeep of high tech hospital equipment. The students of the department have regular visits to various hospitals to get in depth knowledge about existing medical devices and instruments. Further, the students undergo in-plant training at reputed hospitals and industry located in various parts of India. They are trained on installation, operation and maintaining complex medical equipments used in diagnosis and treatment of diseases.



CIVIL ENGINEERING

The B.E. Civil Engineering course was started in 2014, with an intake of 60. The department has well equipped laboratory facilities and highly qualified faculty members having rich experience in teaching and industrial background.



The curriculum includes Surveying, Building materials & construction, Soil mechanics & Foundation Engineering, Structural analysis & design, Hydraulics & Water resources Engineering, Environmental Engineering, Transportation and Coastal engineering.

COMPUTER SCIENCE AND ENGINEERING



Department of Computer Science and Engineering has been consistent in teaching and research activities with an intake of 60 since inception in 2001. The Department offers both Under Graduate and Post Graduate programs. The Department has been maintaining an active

interaction with the industries particularly with the Computer Society of India. Many of our graduates are well placed in leading software companies such as Infosys, CTS and other MNCs.

ELECTRICAL AND ELECTRONICS ENGINEERING



Electrical and Electronics Engineering is a continuously evolving subject. A silicon chip containing over 100 million transistors in an area no larger than a postage stamp is yesterday's news. As technology has advanced, so have the challenges facing the modern engineer. The department was established in the year 2005 with an intake of 60 students

The postgraduate program in Embedded System Technologies was started in the year 2012. This is a 2 year Master's Degree course in Engineering which provides a platform for EEE/ECE/CSE/I&C/E&I/IT/IE/SE/EE graduates to specialize in Research and Development.

ELECTRONICS AND COMMUNICATION ENGINEERING



Electronics and Communication Engineering (ECE) is a swiftly advancing field, with new ideas emerging every other day. From mobile phones to fiber optics and remote sensing, there are exciting avenues to explore and create. The ECE department prepares students for careers in this constantly evolving discipline. The Department was started in the year 2001 with an intake of 60 and offers M.E Degree courses in Applied Electronics (started in the year 2010) & Communication and Networking (started in the year 2012).

MECHANICAL ENGINEERING



The department was started in the year of 2005 with an intake of 60 Students. The intake level was increased to 120 in the year 2012 due to renewed interest in core engineering courses. The department prepares students to be technically competent, socially committed and disciplined engineers with creative ability, innovative thinking and managerial skill to manufacture quality products for the benefit of mankind.

PETROLEUM ENGINEERING



RGCE is the first institution to start Petroleum Engineering degree course in South India and continuously to remain a flagship institution in this field. The department of Petroleum Engineering was established in the year 2005 with the objective to fulfill the growing demand of well-qualified petroleum engineers. Initially, the annual intake was 60. In tune with the growing demand profile globally for Petroleum Engineers, the intake level was enhanced to 90 in the year 2014.

RGCE has been experiencing great demand for its Petroleum Engineering graduates in the private/public sectors and foreign oil companies; technical service providers, tertiary sectors like insurance, IT, Banking, Business Advisory and Consulting; Associated Industries like Petrochemical, Paints and Dye and in Overseas Countries like in ME, SE Asia, China, Russia and CIS countries. Graduates are absorbed in Reliance Industries Ltd., ONGC, Schlumberger, Shell, Gas Authority of India Ltd., British Gas, OIL, Halliburton Services, Essar Oil, GSPC, Cairn Energy, IOCL, Baker Hughes, Reliance Energy, NIKO Resources, GEOENPRO, MECOM Ltd., etc.



PLACEMENT CELL

Training and Placement Cell focus on,



- Guiding students for placement in reputed organization.
- Conducting seminars, group discussions and mock interviews as a part of career guidance and personality development.
- Arranging industrial training for students.
- Encouraging students to appear for Career Competitive Examinations like GATE, TOEFEL, ILTS, GRE, CAT etc.
- Providing soft skill training for student's personal development through training programs / lectures / seminars / workshop & presentations.

NUMBER OF STUDENTS PLACED THROUGH CAMPUS RECRUITMENT

SI.NO	COMPANY NAME	NUMBER OF STUDENTS PLACED								
		ECE	EEE	CSE	IT	BME	MECH	PE	ME(AE)	TOTAL
1	TNQ BOOKS & JOURNALS PVT LTD	-	-	-	-	7		-	-	7
2	SUTHERLAND GLOBAL SERVICES	6	3	5	1	4	2	6	1	28
3	AGS HEALTH	-	-	-	-	3	-	-		3
4	ACCENTURE	-	-	-	1	-	-	-		1
5	CTS	1	-	2	-	-	-	-		3
6	HCL	-	-	-	-	1	-	-	1	2
7	VISIONARY INFOTECH	-	-	-	-	8	-	-	-	8
8.	SCOPE E KNOWLEDGE	-	-	-	-	-	-	7	-	7
9.	6i-INFOTECH	-	-	2	-	-	-	-	-	2
10.	TATA BSS SERVICES	4	1	11	4	-	-	-	-	20
11.	SULEKHA	1	-	3	-	-	1	3	-	8
12.	JUSTDIAL	-	-	-	-	-	1	2	-	3
13.	CEEQUENCE	3	-	-	-	-	-	-	-	3
14.	TELEBUY	9	-	14	-	4	-	6	-	33
15.	HARVAS	2	-	4	-	-	1	1		8
16.	CRUISELINE SHIP MANAGEMENT LTD	-	-	-	-	-	1	-	-	1
16.	JBM GROUP	-	-	-	-	-	15	-	-	15
	TOTAL NO OF STUDENTS PLACED	26	4	41	6	27	21	25	2	152

OUR CURRENT AND PAST RECRUITERS



OTHER FACILITIES

Our college campus has library, reading rooms, sports facilities, clinic facilities, fitness centre, internet café and stationary shop.

SERVICES ON CAMPUS

Library- Let Your Mind Wander

Facilities:

1. Titles-5500
2. Volumes-25000
3. International Journals-75
4. National Journals-60
5. DELNET unlimited ejournals'
6. Multimedia facility
7. NPTEL CD's
8. MOU with British Council, IIT(Madras) and Anna University
9. Management Application Software
10. Photocopier



The College library is open to students from 8am to 8pm on all working days. The books are available in all disciplines and are continuously upgraded with latest editions. Journals and Multimedia facilities are available to fulfill the needs of students and staff.

Clinic - Health and wellbeing



The College clinic is kept open throughout the day. It is headed by resident doctor and assisted by nurse. College ambulance is kept ready to handle emergencies all through the day.

Clubs – Get Involved



Students get involved with events, clubs and societies on social programs for personal development. The college has clubs such as Rajiv Gandhi College Communication Club and Tamil Mandram. Through these Clubs we also offer a number of “Super-learning” days throughout the year, focusing on creative writing and learning, mass communication and awareness rally for the public cause. The NSS and Youth Red Cross team are also actively participating in public service. The Department of Biomedical Engineering also joins hands with them to organize blood donation camps and medical camps.

Gymnasium – Stay fit

State of art gymnasium facility is available in the campus for the students and staff to enhance their physical fitness.



Cyber cafe – world in your hands



The college has round the clock high speed internet café for the staff and students. Students and faculty are allowed to access internet after the regular working hours. This helps the students to get updated on the latest technologies to present themselves in various symposium and seminars. A variety of software is also available to the users.

ATM – Any time Money



Punjab National Banks ATM facility is available 24hours in the campus for students and staff.

Canteen – Destination for Hygienic Food



College canteen is open from 7 am to 9 pm on all days.

SPORTS & GAMES

The college has both indoor and outdoor sports facilities for both staff and students. Students are encouraged to participate in inter-college sports and games. Our college students have won many trophies and championships at the state level and national level tournament. College has courts for volley ball and basketball and vast open space for football, cricket, track and field events in the campus.



HOSTEL – Home away from Home

The college provides separate hostel facility for boys and girls. Individual cots, cupboards, tables, chairs are available for inmates. Easy access to library, Canteen and computer facilities are possible during leisure hours. A standby generator ensures uninterrupted power supply to the hostellers. The hostel provides an ideal ambience with a quiet rural backdrop to make the inmates feel at home and take to serious study in a calm and serene atmosphere. Separate dining halls are available with a combined capacity of 600 for both boys and girls.



TRANSPORT – On the Move



The college maintains a fleet of buses for the benefit of students and staff. The buses are operated in all major routes and cover major areas in and around Chennai, Tiruvallur and Kanchipuram. Resident students and staff can use College transport facility during weekends.

CAMPUS:

Rajiv Gandhi College of Engineering
Nemili, Sriperumbudur - 602 105, Chennai,
Tamil Nadu, India

Mobile : +91 - 9282337921, 9282997922, 85086 95731, 9444206377

E-mail: principal_rgce@yahoo.co.in , principal@rgce.edu.in

ADMIN OFFICE:

AA-70, 1st Floor, 2nd Street,
3rd Main Road Anna Nagar, Chennai - 600 040
Tamil Nadu, India

For Admissions contact Joint Secretary:

Mobile: 9444284780

Phone No: + 91 - 44 - 4269 3949 , 2619 4729

Fax: 044 - 2619 1927

Email: gresrgce@gmail.com , admissionsrgce@gmail.com