RajaRajeswari College of Engineering

Nurturing excellence, the Institute has the satisfaction of seeing dreams fulfilled every year!

Chairman’s Motto
"To Create Job Creators not Job Seekers"

One of the TOP TEN COLLEGES in Karnataka

Source: Times of India

RajaRajeswari College of Engineering

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RRCE Social at:

Approved by AICTE - New Delhi. Affiliated to VTU, Belagavi and Govt. of Karnataka
From aspirations to achievement...

Every student who steps into an educational institution walks in with the hope of getting a good education. At RajaRajeswari College of Engineering, we understand that the education is the means to an end. It is the accomplishment of aspirations and ambitions that the student actually seeks. We believe our role, thus, is to create an environment that fosters learning and understanding as well as providing the skills needed for achieving life-goals.

At RajaRajeswari College of Engineering, we strive to be more than just a provider of technical education. We seek to be the fertile ground on which aspirations and ambitions are nurtured to become achievements. We have invested in facilities and faculty to enable this. And the success that our students have achieved, is, for us, truly a source of pride and a manifestation of our success.

Sri. A.C.S. Arun Kumar, 
Vice Chairman, 
B.Tech (Hons)., LMISTE., MIET.,(UK)., LMCSI.,

Dr. A.C. Shanmugam, 
Chairman 
B.A., L.L.B, FIMSA, FRCPS (Glasgow, UK)

An environment that helps you grow

RajaRajeswari College of Engineering came into existence in 2006 with the objective of becoming a Center of Excellence in technical education. In less than a decade, it has carved a niche for itself as an Institution that makes a positive difference in the lives of its students.

Located off the Bangalore - Mysore Highway, the college campus is a space devoted to offering the very best in terms of learning. The college is approved by the AICTE - New Delhi, affiliated to VTU, Belagavi and Govt. of Karnataka. Accredited by NBA (CSE, ECE, EEE, ME), NAAC with ‘A’ Grade, HLACT (UK), ISO-9001:2008 Certified. It offers undergraduate programs in six engineering disciplines, besides masters programs. Depts. such as Civil Engineering, Computer Science and Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering, Mechanical Engineering, Information Science and Engineering, Mathematics, Physics, Chemistry and Master of Business Administration (MBA), Master of Computer Applications (MCA). Offers M.Tech-Computer Science and Engineering, Computer Networking Engineering, Digital Electronics and Communication Engineering, Thermal Power Engineering, Communication Engineering, and also offers Research Programs leading to Ph. D and MSc. Engineering (By Research) of VTU.

The RajaRajeswari College of Engineering campus has been designed as a complete, self-contained center of distinction with modern classrooms, state-of-the-art labs, Workshops, Library, Hostels: Wi-Fi enabled campus with High Speed Internet connectivity and advanced computing facilities. A 4000-seater Auditorium, 400-seater Conference Hall and 6 Seminar Halls of 120 capacities each, are regular venues for conferences, seminars and other events. Dedicated, experienced and highly qualified faculties have authored books and regularly publish papers, with students too being encouraged to participate in the research programs.

UNDER GRADUATE PROGRAMS
- Computer Science & Engineering
- Information Science & Engineering
- Electronics & Communication Engineering
- Electrical & Electronics Engineering
- Mechanical Engineering
- Civil Engineering

POST GRADUATE PROGRAMS
- M. Tech - Digital Electronics & Communication Engineering
- M. Tech - Computer Science & Engineering
- Master of Computer Application (MCA)
- Master of Business Administration (MBA)

RESEARCH PROGRAMS
Research Programs leading to Ph.D. & M.Sc. Engineering (By Research) under VTU in the Departments.
- Electronics & Communication Engineering
- Computer Science & Engineering
- Mechanical Engineering
- Management Studies
- Mathematics
- Chemistry
- Physics
Vision
To Provide an Open opportunity to young generation for evolving their core competencies helping them to build their career as Global professionals, to be an Autonomous institution by achieving excellence in the field of Higher education.

Mission
To Consistently strive for academic excellence to become a leading Institution in the field of Engineering, Management and Research. To produce competent and ethically sound manpower for the benefit of Industry, Society, Nation and the Global Environment.

Motto
"Concentration brings perfection in all activities of life"

RajaRajeswari College of Engineering has been the alma mater for over 3000 Engineers.
With computers becoming the backbone of activities across industry and commerce, graduates can easily fit into roles in IT consultancy, IT support, Analysis, Programming, Hardware engineering and Network and Systems administration. The course also offers opportunities for further study and research in areas such as Hardware, System software, Computer engineering, Multimedia, Networking and Communications.

The Dept. of Computer Science and Engineering was established in 2006 and currently has students at the UG level and also takes in students for PG programs. The Dept. provides a thorough foundation knowledge in mathematics, science and computer science and engineering, such that students are able to apply new ideas and technologies to solve complex problems. The skills they gain spans the spectrum from debugging computer code to the design of full-fledged computing systems. Further, they are enabled to be good communicators who can present ideas as well as operate seamlessly in inter-disciplinary teams.

Center of Excellence
- on IoT
  • Organised many International Conferences
  • Groomed many students for entrepreneurial ventures
The Department of Information Science and Engineering processes your professionalism.

The IT industry is growing ever-more dependent on information processing and management. Professionals from this discipline are in great demand in large organizations as well as in the field of internet applications and design. The strong programming skills that are apart of an information science professional’s capability, also gives them ample scope to develop careers in software development.

The growing importance of Information Science saw the Dept. of Information Science and Engineering come into existence in 2008. The course currently admits in each batch for its UG program of study. The course aims to create professionals capable of designing and maintaining the large-scale data and information systems that define business and life today. Towards this end, students are provided the technical knowledge and skills needed to for the creation of computerized data processing and decision support systems that are reliable. The technical aspects are supplemented by a good understanding of traditional organizational and management issues so that the students are ready for real-life situations.

- 100% result for the year 2018
- Funds received from KSCST & VTU for the students projects
With the surge of activity in the fields of electronics and communications creating a closely inter-connected world, these engineers have no shortage of roles to play. Career opportunities abound in terrestrial and satellite communications and electronics, besides consumer and entertainment devices. Cellular telephony, fibre-optic communications and even space programs need skilled engineers capable of meeting new challenges.

The Dept. of Electronic and Communication Engineering has been functioning since 2006 and the Dept. offers UG program for the students. The objective of the Dept. is to develop professionals who can make life better with their knowledge of electronics and communications. Beginning with a thorough grounding base in mathematics and science, the student advances to electronics and communication concepts. Students are exposed to the advances being made in this dynamically changing field and provided opportunities to gain vital practical experience. Theoretical knowledge is supplemented with the ability to analyze, design and provide technical solutions that have real-life value.

- Conducted AICTE sponsored one week hands on workshop on “Advances In Communication Networks Using NS-3”
- Secured 1st prize in Inter Department level Project Exhibition organized by “Innovation Club”
Electrical power and electronics drive life as we know it today. Electrical and Electronics Engineers can make careers in electronics design, project engineering and planning, automatic control systems, instrumentation, electrical systems design and emerging areas such as robotics. Opportunities can also be found in areas such as technical marketing, support and liaison for large engineering organizations.

The Electrical and Electronics Dept. was started in 2006 and currently accepts students in the UG streams. The program of study has been designed to provide an excellent understanding of the mathematics and science that forms the foundation of engineering. This is coupled with strong knowledge of the electrical and electronics aspects, to turn students into complete engineers. Hands-on training with modern tools and equipments gives students the practical skills needed to apply their theoretical knowledge. The Dept. lays emphasis on providing students with the ability to analyze, synthesize and generate fresh perspectives, besides communication skills to turn students into professionals who are capable of participation in inter-disciplinary teams.

Center of Excellence - Students get Hands on Training for advanced learning
Mechanical engineers bring in strong engineering knowledge and analytical skills that a variety of organizations find very useful. This, coupled with managerial ability gained through experience enables careers that span both technology and management.

The Dept. of Mechanical Engineering was started in 2006 and in a short span of time has gained the status of a research centre recognized by VTU. Apart from the UG program, the Dept. also offers Ph.D and M.Sc. Engineering (By Research) as Research Programs under VTU. The course of study aims at providing a solid foundation through a deep understanding of engineering fundamentals and an analytical approach to problem-solving. Being the mother engineering discipline, mechanical engineering enables students to develop competency in a range of areas such as production, design, thermal and industrial engineering. The course also inculcates skills such as communications, leadership team-building and software to strengthen managerial capability.

Center of Excellence - Conducted one month Hyper Works Training Program for the students.

The Department of Mechanical Engineering is ready to shape you into a proficient professional.
As the world develops, physical infrastructure is constantly being added and upgraded. Civil Engineers are always in demand around the world for their ability to design, construct and manage projects whether they are roadways, dams, buildings or pipelines. Opportunities range from employment in the private sector and Govt. to consultancy and entrepreneurship.

The Civil Engineering Dept. began functioning in 2009 and currently admits students to the UG program. The objective of the program is to provide a strong foundation in every aspect of Civil Engineering be it surveying, structural engineering, materials engineering, construction engineering or geo-technical Engineering. The course also focuses on providing knowledge in sub-disciplines such as Environmental Engineering, Transport Engineering, Urban Engineering, Coastal Engineering and Water Resources Engineering. The aim is to create a Civil Engineer who is capable of taking up variety of challenges using current and emerging technologies. Stress is also laid on meeting of social, ethical and environmental responsibilities.

Karnataka State Council for Science and Technology (KSCST) has funded Students Projects.
The Master of Business Administration qualifies individuals to fit into management teams of virtually any organization. The area of specialization would normally define the placement within the organizational set-up. The strong management skills gained also provide a solid foundation for entrepreneurial activity.

Since 2008, the Dept. of Management Studies has been conducting the Master of Business Administration program. The objective of the program is to produce a cadre of thoroughbred management professionals who are capable of taking on a range of challenges. The course offers a choice of specialization in 3 areas – Human Resources, Finance and Marketing, with training at Infosys, Mysore in the final year. The course provides knowledge of a range of analytical tools and management practices that serve as the framework for application in different organizations. The Dept. has achieved the status of a research centre under VTU.

The Department Endeavors to provide an environment that encourages the students to develop in creating entrepreneurship ventures, analysis and critical thinking and effective communication.

The Department of Management Studies develops your spirit of enterprise.
The Department of Computer Application turns you into systematic power house.

Career opportunities for those with an MCA are available not only in Information Technology and Biotechnology but also in fields such as Arts, Human Resources and Business Management. Their knowledge of e-commerce and TCP/IP, etc. makes them valuable assets in e-business organizations as well.

The Master of Computer Application program, run by the Dept. of Computer Application, began in 2009. The study program aims at turning students into comprehensive computing professionals by providing the ability to use the latest techniques and tools and the skills needed for effective application. Students gain thorough knowledge of software design, DBMS, Java/J2EE, .Net, Computer graphics, systems programming, operating systems. Web programming, wireless communication and mobile computing. Emphasis is laid on the application of knowledge and the ability to design, implement and evaluate computer systems, processes, components and programs. Soft skills such as communication and team-work too are imparted.
True achievement is possible only when the core is solid. Engineering skills are built around a solid understanding of the fundamentals of all scientific knowledge—Mathematics, Physics and Chemistry. Our basic science departments provide students with a base that stands them in good stead as they develop specialized knowledge needed for each discipline of engineering.

**Department of Chemistry**
The department of chemistry is as old as RRCE, started in the year 2006. The Faculty members are highly qualified with expertise in Academics and Research. The department is provided with well equipped laboratories for Academic and research work. It has been recognized as the Research Centre by VTU in July 2012. The department has achieved good Academic results and published several research papers in National/International Scientific Journals.

**Department of Mathematics**
The department of Mathematics was established in the year 2006. Beginning with a modest strength of two faculty members in the first year, the department now comprises of Several well qualified, experienced and dedicated faculty members of whom many are doctorate degrees and many are pursuing their Ph.D programme. The department offers courses for both for I and II year BE students and also M.Tech student, requiring extra help in mathematics are identified and special classes are conducted for them to enable them to perform well. As a result of the sincere of the team the department has been consistently obtaining excellent results. The department is recognized as one of its research centre by the VTU during the year 2011. Currently many are pursuing part time Ph. D programme. The thrust areas of research of the department are Fluid Mechanics, Differential Geometry.

Base on the needs of various disciplines the department is imparting the updated curriculum from time to time with the available expertise. In addition to offering the core course

**Department of Physics**
Physics along with mathematics plays a foundation role for all branches of engineering and provides a basic knowledge in electrical and electronics subjects. The laboratory is well equipped. Qualified, experienced and dedicated faculty along with technical staff helps the student to gather knowledge in theory and applications.

National level workshop on "Computational Fluid Dynamo"
Seminar on "Eternal Fire in the Sky: Observations and Inferences from Galileo to the Present Era"
Learning and achievement grow in an environment that nurtures it and RajaRajeswari College of Engineering has taken great pains to ensure that students lack for nothing.

**Library**
A spacious, well-lit library stocks nearly 28,000 volumes on a range of relevant subjects. The library also subscribes to 28 international and 73 national journals besides e-journals. A digital section and reprographic facilities add to students' convenience.

**Auditorium**
The College has a big Auditorium of 4000 + capacity besides a conference hall with 300 sitting capacity attached with 6 Seminar Halls each having 120 sitting capacity.

**Hostels**
Well-furnished, multi-storied hostels provide separate accommodation for male and female students. Each hostel is equipped with power generators, water-coolers and a recreation centre, besides a dining hall with attached kitchen. Doctors are available on call in case of any medical emergency.

**Transport**
The college operates a fleet of buses that provide pick-up and drop facility for students and staff.
Facilitating Greater Achievement

Yes, the Institute has created an environment that caters to both the body and mind.

**Extra-curricular activities**
Students have ample scope to pursue extra-curriculars spanning a range of activities. These include NSS, NCC, Youth Red Cross Society besides clubs such as a Green club, Heritage club, Innovation club, Yoga club and Sports club.

**Sports and games**
The college has a playground adjacent to the campus that allows diverse sports and games. A team of trained physical education teachers are available to guide these activities.

**ACS Convention Centre**
The college also has access to the ACS Convention Centre, a large (sitting capability more than 4000) auditorium. This facility is used for mega events such as convocations, conferences as well as cultural events.

**Creative Club**
The creative club is to stimulate interest in creative ideas among students' minds. The original idea implemented by students of RRCE the activity SAMVIT 2014 was held on the 15th March 2014. Nearly 50 students show their creative ideas. They performed very well and good.

The Institute supports your desire to do more.
The college placement cell is an active entity that provides career guidance as well as creating training opportunities and campus recruitment programs.

### Placement Cell

**Pre-Placement & Training Programs**
- Soft skills and personality development training on regular basis to the students of RRCE from the first year itself.
- Industrial visits and vacation In-plant Training in industries for students of all semesters.
- Frequent expert special lectures for the benefit of the students and the staff members.
- "Company Specific Training"

**Recently conducted Mega Successful Job Fair 2019 at RRCE Campus**

**CENTRES OF EXCELLENCE**
- Intel intelligent Lab With FIC
- UC Berkeley
- CTDS
- IOT (Internet of Things)
- WSN (Wireless Sensor Networks)
- TKM (Toyota Kirloskar Motors)
- Altair Hyper Works

**CTDS (CENTER FOR TEST & DATA SCIENCES)**

The First Time and the only College in Bengaluru

- Live Industry Projects
- Sponsored Research
- Technology Training

- Center for Test and Data Sciences (CTDS) is for real time industry projects, internships, sponsored research from companies and government agencies and technology training.
- CTDS is composed of industry professionals playing the role of mentors and serves as a bridge between industry and institutions.
- The center focuses on building talent and technology solutions for industries through early collaboration and mutual engagements.
- Currently the center is working on projects related to Data Analytics, Software Quality Management, Mechanical testing and characterization.
Admissions and Eligibility

CET Code: E 145, COMED-K: E 099, PGCET: T858

UNDER GRADUATE COURSES

<table>
<thead>
<tr>
<th>Category</th>
<th>Marks</th>
<th>Subjects</th>
<th>Entrance Exam.</th>
</tr>
</thead>
<tbody>
<tr>
<td>General</td>
<td>45% in Aggregate</td>
<td>Physics and Mathematics and any one of the following subjects</td>
<td>A rank is a must in Entrance Examinations like CET, KRLM, COMED-K, AIET, AIEEE etc.,</td>
</tr>
<tr>
<td>SC / ST / OBC</td>
<td>40% in Aggregate</td>
<td>Chemistry/ Bio Technology/ Biology/ Computer Science/ Electronics</td>
<td></td>
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</tbody>
</table>

POST GRADUATE COURSES

<table>
<thead>
<tr>
<th>Category</th>
<th>Marks</th>
<th>Subjects</th>
<th>Entrance Exam.</th>
</tr>
</thead>
<tbody>
<tr>
<td>M.Tech (Full time) General</td>
<td>50%</td>
<td>Aggregate marks in all the years of Bachelor’s degree in the appropriate Engineering discipline</td>
<td>Valid score in, PGCET, COMED-K, NET conducted by AICTE is a must</td>
</tr>
<tr>
<td>SC / ST / OBC</td>
<td>45%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MBA (Full time) General</td>
<td>50%</td>
<td>Aggregate marks in all the years of Bachelor’s degree</td>
<td>Valid score in GMAT, PGCET*, or GMAT conducted by AICTE is a must</td>
</tr>
<tr>
<td>SC / ST / OBC</td>
<td>45%</td>
<td></td>
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</tr>
<tr>
<td>MCA (Full Time) General</td>
<td>50%</td>
<td>Aggregate marks in all the years of Bachelor’s degree with any one of the following as optional or elective Mathematics or Statistics or Computer Science or Computer Programming or computer application or Business Mathematics or Business statistics</td>
<td>A Rank is a must in Entrance Examinations like PGCET.</td>
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LATERAL ENTRY

The three Year Diploma Holders in appropriate branch of Engineering granted (awarded) by the Board of Technical Education, Government of Karnataka or any other Diploma qualification considered equivalent thereto by the university who have secured not less than 50% of the total Maximum Marks in the final Examination are eligible for Admission to 2nd Year BE Course in appropriate Branch.

ATTENDANCE REQUIREMENT

A Candidate should undergo the prescribed course of study in a College affiliation to Visvesvaraya Technological University for the purpose. Each Semester is considered as unit, & a student shall put in a minimum of 85% of Attendance in each of the Subjects of Theory, Practical & Drawing.

* Karnataka Examination Authority Conducts PGCET & open for all Indian Nationals

Making their presence felt.

Various occasions have seen eminent personalities grace the campus of the RajaRajeswari College of Engineering. Renowned engineers and educationists have participated in the symposiums, seminars and workshops conducted by the college. Sharing their knowledge and experience, they have been sources of inspiration to all those present. The College deems it a privilege to have hosted so many inspirational dignitaries and is proud of their ready acceptance of the invitations.

Dr. M. Annadurai, Director ISRO at RRCE

The Sports Personality Shri Anil Kumble

The Sports Personality Ms. Sania Mirza

Dr. Shivaraj K Patil, Hon'ble Former Justice, Supreme Court of India at RRCE

Shri H. D. Deve Gowda, Former Prime Minister of India