SELF STUDY REPORT

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
(NAAC)

An Autonomous Institution of the University Grants Commission

P.O. Box No 1075, Nagarbhavi, Banglore-560072

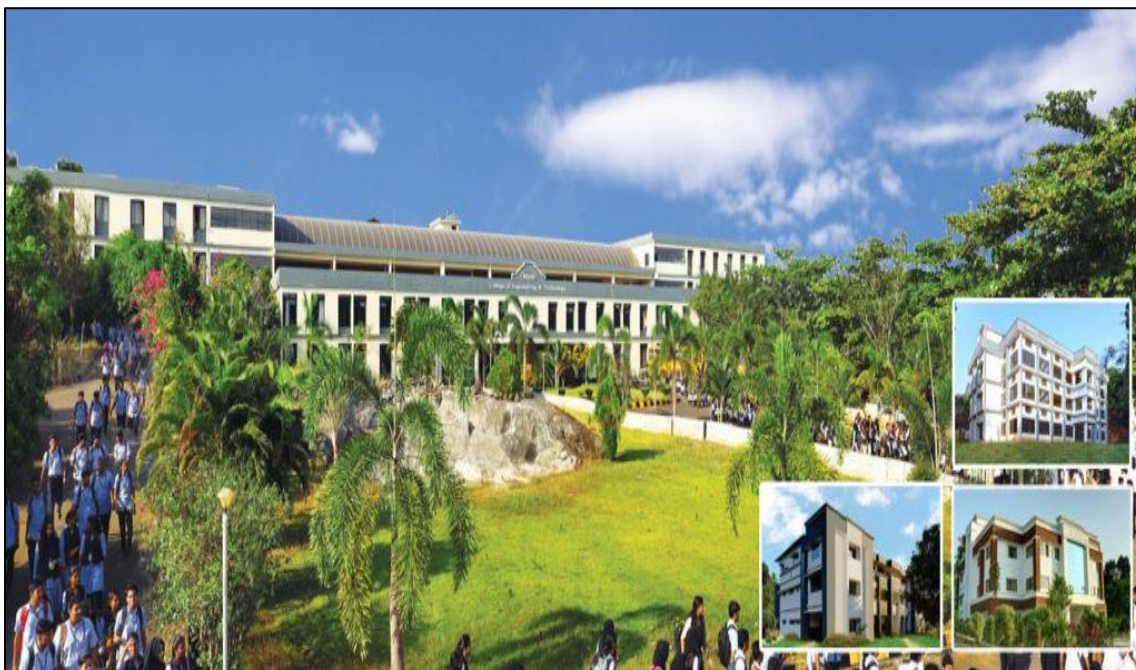**By**

http://royalcet.ac.in/

PART A

PREFACE OF THE INSTITUTION

     The last few decades have witnessed drastic changes in the field of science and technology with its impact on all aspects of life. Transformational changes have taken place in the field of information technology, infrastructure manufacturing and service, agriculture and animal husbandry, power generation and distribution, logistics and supply chain, medicine and healthcare, banking and finance and space research, to name a few.

Driven by the fast pace of changes and the need felt for producing more and more technocrats and engineers, to meet the challenges of such changes and also to take advantages of it, a group of NRIs(Non-Resident Indians) promoted Royal College of Engineering and Technology (RCET). Royal Educational society and Research Centre was registered on 13-3-2002 under Travancore Cochin Scientific Cultural and Charitable Societies Registration Act 12 of 1955 with its registered office (No.V/436) at Pannithadam Road, Akkikavu P.O Chiramanangadvia -Karikkad, Thrissur-680604.For the purpose of conducting various courses and research-oriented activities, RCET was established and came into existence in the year 2003 under the Trust. The college is situated in a wonderful landscape of 25 acres out of 34.59 acres owned by the trust with provision for future expansion surrounded by lush greenery and serene topography merged into a calm and healthy atmosphere conducive for learning and teaching.

The college is located at Akkikavu, Thrissur District almost at the confluence locality of 3 districts viz Thrissur, Palakkad and Malappuram.
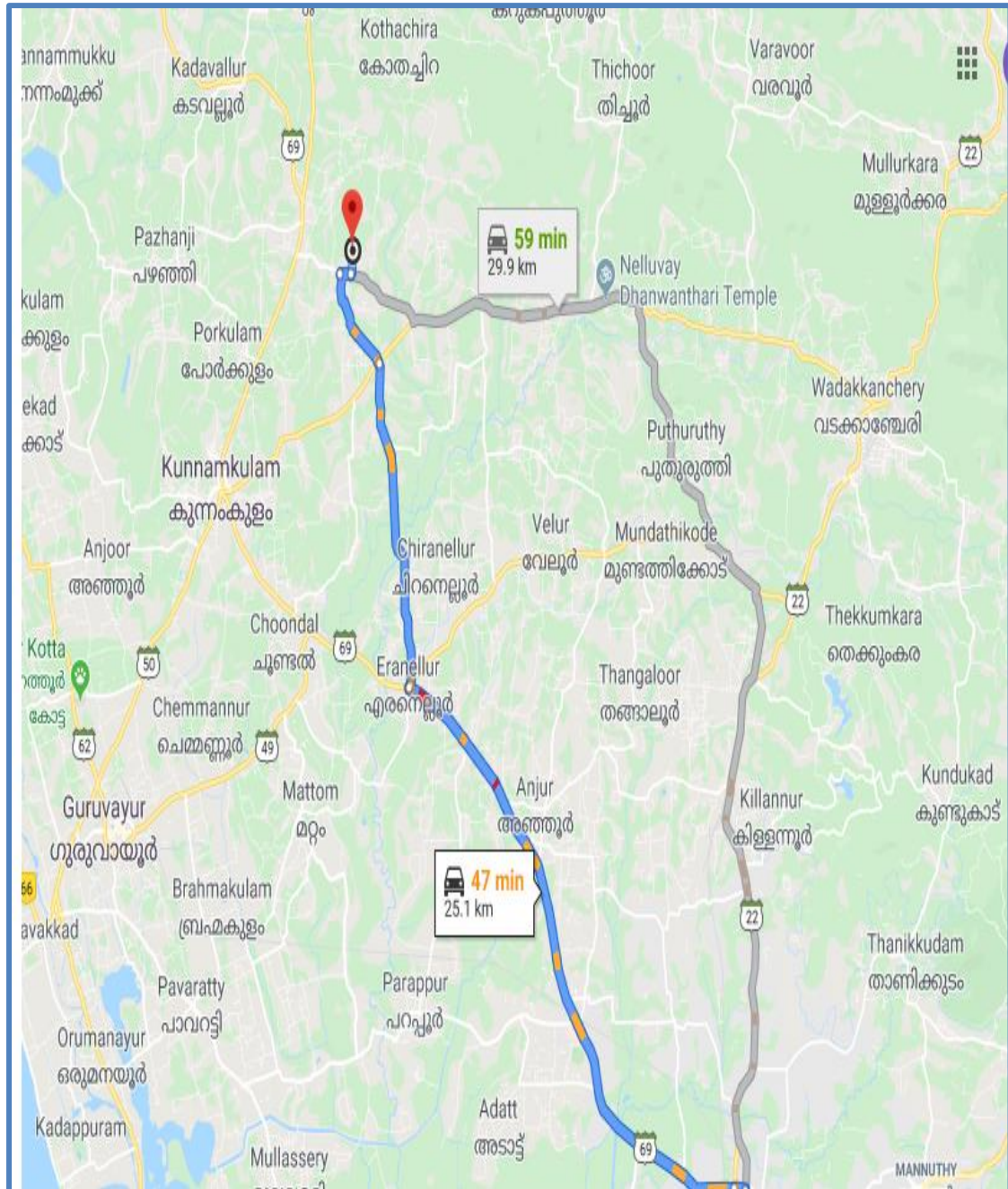
The college has built up excellent infrastructure and facilities comparable to / surpassing the stipulated requirements by AICTE which can be observed from the following table:
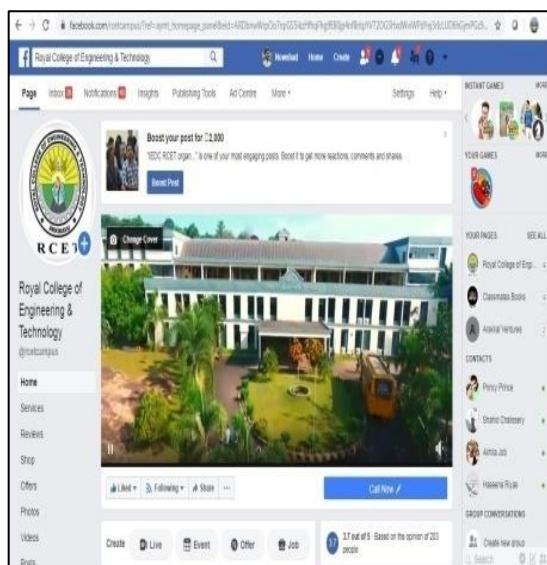
RCET - MAJOR FACILITIES AT A GLANCE		
CRITERIA	**FACILITIES AS PER AICTE NORMS**	**FACILITIES AVAILABLE IN RCET**
Class Rooms	25 (66m²) each	26 (75m²) each
Tutorial room	6 (33m²) each	8 (75m²) each
Laboratories for first year	4 Laboratories , Total Area - 264m²	4 Laboratories , 400m²
Laboratories for second, third and fourth year	30 Laboratories , Total area - 1980m²	3700 m²
Work Shop	200m²	200m²
Drawing Hall	132 m²	2X 156 m²
Computer Center	200m²	175m²
Additional Laboratory/ Work shop	200m²	200m²
Seminar Hall	132m²	2 Seminar Halls – 242m²
Library	400 m²	618m²
Language Lab	66m²	101 m²
Principal Room	30m²	30m²
Board Room	20m²	200m²
Office	130m²	300m²
HoD Cabins	5 X 20m²	5 X 25m²
Faculty Room	Number of Faculty X 5 m²	800 m²
Examination Control Office	30 m²	150 m²
Placement Office	30 m²	100 m²
Guest House	Desirable 30 m²	Available 300 m²
Gymnasium	Desirable 100m²	Available 100 m²
Auditorium	Desirable 250 m²	Available 1000 m²
Boys Hostel	Desirable	Available
Girls hostel	Desirable	Available
Number of PCs	364	500
Internet Speed	48Mbps	80 Mbps
Library Titles	3750	7641
Library Volumes	18750	27803
Digital Library	10 PCs	10 PCs
All other Essential and Desirable requirements as per Appendix 6 AICTE/APH 2019-20.	All available and established as per norms	

The campus is known for its discipline, well equipped laboratories, qualified and experienced teachers with best administration and governance.RCET, an ISO 9001 - 2015 certified institute, approved by AICTE and affiliated to University of Calicut in the beginning .From 2015 onwards RCET is under the jurisdiction of APJ Abdul Kalam Technological University (APJAKTU) .

ROBUST ACADEMIC MANAGEMENT AND ADMINISTRATION SYSTEM

The success of any function is depending upon the efficiency of its implementation and management. RCET has deployed very effective academic management software called Academic Management System(AMS) with effect from 01.09.2016. It is a solution for managing academic activities developed by Linwaysnamely "Learn in New Ways". It is an innovative learning management system which provides centralized and automated administration. This follows a non-conventional method which supports collaborative learning, creating and delivering learning materials, generating reports, and student notifications etc. The system provides for,formulation and management of batches, subjects and time table,presentand proposed course plans, online attendance marking,sessional mark entry,internal marks report generation, remark on performance of all students, display of various notifications and results of tests, and conduct of online feedback. RCET hasa File Management System (FMS) which includes uploading soft copies of assignments, series test, question papers,university question papers,tutorial sheets and samples of best assignments and series test answer scripts.

RCET has two internet service providers BSNL - 40 Mbps and Kerala Vision of 50Mbps and is distributed to 400 numbers of computers. The collegehas Wi-Fi facility for entire campus and an official website domain through which the institution uploads the information of all activities in the campus to enable general publicand other interested groups, to know details about the college, facilities, courses etc.The college also has a corporate mail system for quick communication among staff and students.RCET is maintaining an official facebook page for promoting social communication.

For quick and real time communication within the group of students, teachers and staff, there are e mail and WhatsApp /Facebook groupsin RCET. These steps are initiated by the institution with the help of department of Computer Science & Engineering,which helps in faster, flawless communication,reducing the use of paper for academic and administration activities.

For monitoring discipline,RCET team make use of 24 hours CCTV surveillance and the footage of which can be retrieved as and when required. CCTV cameras are also installed at Kechery bypass, in front of the collegehostel and on Kunnamkulam- Chiramanangad Road, for monitoring anti-socialactivities,andtriggeringnearby police authorities.

ACADEMIC QUALITY AND FACILITY

Effective and purposeful education at an institute is not about getting the top ranked students admitted and completing the course with average results. The real challenge is in bringing up average and below average students, from the down troddenvulnerablebackground,and transforming them into outstanding graduates in their respective fields. RCET has always been achieving a result of above 70%,due to intensive need based coaching and extra support to weaker students after assessing their knowledge gap and taking concrete steps to bridge it by the most efficient teachers through the special programme called "Result Enhancement and Attitude buildup Programme (REAP)", and effective mentoring system. Many rank holders at the university level from RCET in different academic years are examples of transformation through Royal course.

RCET has five undergraduate B.Tech programmes which handle Civil Engineering , Mechanical Engineering, Electrical &Electronics Engineering, Computer Science& Engineering and Electronics & Communication Engineering / Applied Electronics and Instrumentation. The college also has two postgraduate M.Tech programmes in Communication Engineering and Computer Science &Engineering. The institute has sufficient well equipped class rooms with conducive atmosphere and ambience for teaching and learning.

RCET always adheres to its academic calendar and takes care to make up unexpected loss of working days by providing for extra classes in the subsequent days /working on holidays. The college works on 1st,3rdand 5th Saturdays of every month exclusively for tutorial, remedial classes and skill development activities.

RCET has a very good library spread over 618 m².with more than 27,800 textbooks of both foreign and Indian authors, 54 latest National and International journals, 859 e–journals of Delnet. More than 125 back volumes of reputed journals including IEEE journals and transactions with space earmarked for reference book are also available. Technical magazines with back volumes, newspapers and

previous university question papers are also available in the library.For convenient reference of faculty members and students more than 3000 books have been issued to department libraries. Books are fully classified as per Dewey decimal classification scheme for easy access. The library is fully automated using the software called LIBSOFT.OPAC (Online Public Access Catalog) helps in searching availability of books and details of transactions of students in the library.100 seats are arranged in reference section for easy reference. Browsing, printing and photo copying facilities are provided in the library.An additional Photocopying facility isalso available inside the campus. IoT [Internet of Things] based automated system for daily library usage count is installed in the library by Innovation & Entrepreneurship Development Cell (IEDC) unit of RCET.

RCET has a workshop block with a total area of 1093.84 m². exclusively for first year students housing workshops for foundry, welding, smithy, carpentry, fitting, sheet metal, electrical &electronics and civil engineering. RCET has well equipped Physics (156.55m².)and Chemistry (152.51m².)laboratories under Applied Science and Humanities (ASH) department. In these workshops and laboratories that students learn to practice the activities of scientists - asking questions, performing procedures, collecting data, analyzing data, answering questions, and thinking of new questions and areas to explore.

There is also a language lab set up with enough computers and headphones, which can be used by the faculty and students for completing syllabus and developing communication skills. The lab is having video son introduction sounds of English vowels, diphthongs, introduction to stress and intonation, situational dialogues and role plays, oral presentation - prepared and extempore, discrete objects, situations, people, debate and telephoning skills, giving directions, just a minute, in addition to practical training. RCET is also known for its wellequipped laboratories comparable with peer institutes of higher technical education. Every department is having laboratories with modern equipments required for practical learning in the best way.

Electronics and Communication department has eight laboratories viz. Very Large Scale Integration (VLSI)Lab, Communication System Lab, Analog and Digital Communication Lab,Digital Signal Processing (DSP) Lab, Linear Integrated Circuit Lab, Digital Electronics Lab, Microprocessor and Micro controller Lab and Electronics Circuit Lab.

Mechanical Engineering department has five laboratories viz.Fluid Mechanics& Machinery lab, Manufacturing Technology Lab, Thermal Engineering Lab, Instrumentation EngineeringLab and Computer-Aided Design/Computer-Aided Manufacturing (CAD/CAM)Lab.

Computer Science and Engineering (CSE) department is equipped with five highly configured software laboratories with latest configured computers and round the clock high speed internet connectivity. Industry relevant advanced softwares are installed in CSE laboratories.

Electrical and Electronics Engineering Department has six laboratories in Electrical Machine labI&II, Electrical engineering /Electrical & Electronics lab, Circuits and Measurements lab, Power Electronics& Drives lab, Systems & Control lab / power system lab , Analog & digital Electronics lab and Project lab.

Civil Engineering department is having Environmental Engineering Lab, CAD Lab, Geotechnical Engineering Lab, Transportation Engineering Lab, Material Testing Lab and Surveying Lab and geological museum.

RCET has an IIT Bombay Remote center which is a virtual classroom environment for delivering live lectures and workshops. This is a facility provided by IIT Bombay to those institutions having excellent infrastructure and good faculty with expertise and experience of handling workshop subjects to guide the participants.RCET possessesSkill Delivery Platform Kerala (SDPK),worth Rs.15 Lakhs funded by Government of Kerala, equipped with Information and Communication Technology (ICT) enabled tools in association with Kerala State IT Infrastructure limited, Kerala IT Mission and ICT Academy. The SDPK lab includes82 inch LED Ultra high Definition interactive screen which provides a Multi - Touch display, Hi-Fed audio (CISCO mic /4 no's- VCPA-CISCO-

CTS-MIC-CLNG-GL), One Tele presence kit (2 cameras, DVR Box, Tablet)-CISCO CTS-SX80-IPST60-K9, Microphones, connectedspeakers (4 speakers – Sonodyne- PM101WM),andLearning Management Solution (LMS).

At RCET various state and central government competitive online examinations are conducted for Railway, Air force,Kerala Public Service Commission andStaff Selection Commission(SSC).RCET has also tied up with Tata Consultancy Services (TCS),Centre for Development of Advanced Computing (C-DAC (T))for conducting online examinations.RCET is also conducting entrance examinations for SRM University, Cochin University of Science and Technology (CUSAT), Vellore Institute of Technology (VIT) etc.

Mentoring and Counseling are special initiative by RCET to make students feel at home, totally free from stress, depression, anxiety and fear of examinations. Besides conducting general sessions on behavior management and other attributes, special attention is given to hostellers having specific issues like home sickness, loneliness etc.

Admission to Postgraduate Courses (Master's and Doctoral),eligibility for various scholarships and criteria for recruitment in anumberof Government and Public Sector Undertakings (PSUs) are now based on Graduate Aptitude Test in Engineering (GATE) scores. RCET has started GATE coaching classes for all final year and pre-final year students. Dedicated and well-planned coordination of the GATE coaching team enables the students to perform better in GATE.

The institute has framed a very good scholarship programme under the CALIDAD selection scheme. The college conducts a selection test every year to identify eligible students and 100%, 75%, 50% and 25% fee waiver schemes are available for both regular as well as lateral entry students depending up on their score, provided they are qualified in KEAM and LET. E-grants scholarship Ministry of Minority Affairs (MOMA), Merit Cum Means (MCM)scholarship schemes are made available for students .

Professional membership of technical bodies and associations makes the institution's presence felt among experts and fellow organizations in addition to opening up opportunities for teachers and students, to participate in various national and international conferences, workshops, lectures, seminars etc. and for presenting and publishing research papers. The college is a Life Institutional Member of Institution of Engineers (India) (IE (I)-IM-161), Kerala Block Chain Academy Innovation Club (KBAIC_102), Computer Society of India CSI-(100901), Indian society for Technical Education (ISTE-IM1152)and Student chapters of ISTE (KE-36).Institute of Electrical & Electronics Engineers (IEEE Student Chapter of Malabar Subsection-STB07351) and Institution of Electronics and Telecommunication Engineers (IETE-ISF -C964)are also functioning in the institution.

RCET has Sports and Physical Education department, for improving skills of students in sports and games, yoga and other activities and to build and maintain healthy body and mind. The college is having a football court 55×90 m^2, badminton court 16x7m^2, kabaddi court 10×15 m^2, and volleyball court 14×22 m^2. RCET has a gymnasium working well in the campus. Inter departmental tournaments and annual sports meets are organized to enhance competitive spirit, interaction with fellow, junior students, senior students and staff for developing friendship, team spirit and leadership qualities.

The New Royal Times is the campus newsletter published twice in a year. In addition, each department publishes their own newsletter which highlights the academic and nonacademic activities of their respective departments.

COGNITO 2K18

VISION
"To continuously grow as a Resourceful, Outstanding, Youthful, Adaptive Institution in the field of Engineering and Technology habituating Lifelong learning".

MISSION
"To groom the youth into eminent technocrats- with lifelong learning skills to meet future requirements, deep sense of social responsibility, strong ethical values and a global outlook, to face the challenges of the changing world"

Royal College of Engineering & Technology organized a 2 day Technical Fest "COGNITO 2K18"on 5th & 6th of October 2018. The Tech fest was coordinated by Mrs. Mary John C (HOD/CE) and Mr Krishna Kumar R (HoD, ECE). Official inauguration of COGNITO 2K18 was done by Mr.V P Salim (CEO ,RCET) and Dr. S P Subramanian (Principal RCET) on October 1st . All departments conducted many events on these two days. Students from various colleges participated in all events. All departments and IEDC of RCET have organized several technical and non technical events. The main events by various departments were Paper Presentation, Technical Quiz, Archery, and Roadiez by AEI, Colloquium , Virtuoso , Konstruado and Rompicapo by CE, Extreme Exhaust, Tremorz'18 , Glo-Ball ,

Instant Medical facilities for students and staff members are made easily available through "ANSAR" hospital, Perumpilavu, which is situated near to the college. Separate sick rooms for boys and girls are available in the campus with first aid facility. All related paraphernalia like wheelchair, stretcher, sick bed, facilities for physically handicapped persons, ramp facility, and lift are made available for hassle- free medical care. All students of RCET are covered by group health insurance scheme of United India Insurance Company Ltd.

Instant water cooler is available for students and staff members. Sanitation facilities like washrooms are made available in sufficient numbers. A separate parking area has provided for the students near the college gate. ATM facility of Federal Bank is available in the campus. RCET provides canteen facility through food mall situated in the campus. Canteen committee monitors the quality of food and other amenities provided in the canteen. A coffee vending machine is installed in the main building. The Students' Amenities Centre (SAC) offers an extended variety of services to students and staff members. SAC provides textbooks, stationary, engineering drawing equipments etc. at concessional rates.

The college operates a fleet of vehicles (18 numbers) for transportation of students and staff members. As far as possible girl students are picked up and dropped at the nearest point of their residence by the college buses and cars to ensure their safety .College has separate men's and women's hostel with a capacity of 150 and 300respectively. A senior faculty member is appointed in both the hostels as warden and two matrons for ladies hostel, Principal being the Chief Warden. Deputy Wardens are accommodated to take care of discipline, issues and problems of inmates. Men's hostel is having an area of 1723m².with 48rooms, Ladies Hostel(LH-1) is having an area of 1169m²with 42

rooms and Ladies Hostel -2 having an area of 1336m². with 48 rooms. Both the hostels are provided with facilities such as mess, common room, TV, newspapers, RO treated water cooler, and W-Fi LAN.

SYLLABUS SUPPLEMENT, SKILL BUILDING AND GAP BRIDGING

Real education is not confined to text book learning and classroom teaching. During the course period RCET students are exposed well to industries and society through training, internships, socio-cultural activities, innovation and incubation support. This helps them to keep abreast with latest developments in science and technology and needs of industry and society.

RCET has evolved a special skill development programme, in addition to teaching syllabus based topics. This is with an aim to develop engineering attitude and make them more technical oriented. The college is one of the authorized training partners of high-tech Skill Development Platform of Government (SDPK) of Kerala, State IT Infrastructure Limited, Kerala IT Mission and Information and Communication Technology (ICT) Academy.

RCET provides 4 hours per week in timetable to give skill based activities /trainings to students in addition to activities on alternate Saturdays. Royal Advanced Career Education Center (RACE) provides facilities to choose various add-on courses for students to make them ready for employment immediately on completion of course by tie up Memorandum of Understanding(MoU)s with various organizations. Another initiative namely Royal Association and Interaction with Masters (AIM) enables the students to interact with eminent personalities from industry , corporate world , education and government sector and outstanding alumni, so as to be informed about latest developments in industry , technology and also to get motivated to imbibe positive thoughts of such leaders.

The purpose of engineering education is for development and updation of new technologies, and application of the same in the industry and to serve the society. For the same reason RCET has set up an Innovation & Entrepreneurship Development Cell (IEDC). IEDC unit is aimed at direct involvement of student community in the creation of a sustainable entrepreneurial ecosystem in the campus. IEDC is working under the guidance of Kerala Start up Mission to promote innovative ideas culminating in new startup ventures. The college has an Idea Incubation Centre for bringing ideas into reality. The activities of the club include promotional seminars conducted by the higher education department for increased participation, to enhance awareness about funding schemes for startups/projects, infrastructural and marketing supports, industrial visits, and entrepreneurial development talks by experts. IEDC is taking initiatives for raising funds for research activities and innovations. Channeliam -I Am Start-Up Studio is a feather sparkled in the hats of RCET, which was launched by the association IEDC-RCET andChanneliam.com to foster entrepreneurship among student community through selected campus ambassadors.

IEDC RCET initiatives and projects got appreciation from various organizations and institutions are listed below:

PRODUCT NAME& AWARDS	
AQUA GEN	**HV PULSE MAKER**
- NIT Tattva - Sustain Ex - Navriti'18 - Cognito 17 - IEDC Summit 17 - Ksum Idea Fest Finalist	- NIT Tattva - Thejomaya 18 - Lumiere'18 - Cognito 17 - SSM polytechnic Tirur expo - Project Expo-VAST - Electronics Expo At MES - Finalist –KSUM Idea Fest
SOLAR POWERED AC	**USB KEY**
YUVA Master Mind	- Brainstorm 18 - COGNITO 17
E-STETH	**WOMEN SECURITY DEVICE**
- NIT Tattva - COGNITO 17	KSUM idea fest finalist
WASTE MANAGEMENT APP-M BIN	**A HYBRID VEHICLE**
KSUM Hack for India contest	KSUM idea fest finalist
EXO SKELETON ROBO	**IOTBASED ENERGY MONITORING SYSTEM**
COGNITO 17	KSUM idea fest participant

Continuing Education Cell (CEC) of RCETplans and disseminates latest explosion of knowledge and developments in various fields of science and technology for the benefit of faculty and student community of the institution. The CEC director coordinates various continuing education

programme with the concerned departments and sponsoring agencies in the institution to promote variety of programme relevant to specific target groups.

RCET became a member institute of Kerala Block Chain Academy Innovation Club (KBAIC) in association with KBA(Kerala Block Chain Academy), IIITMK and Kerala Start up Mission which organizes workshops, KBA meet up and internship for students at a minimum registration fee. RCET has MoU with RedHat Academy India Limited which is an internationally accepted training institute. RedHat conducts Certification courses such as RedHat Certified System Administrator (RHCSA), RedHat Certified Engineer (RHCE) in our campus.

TEACHER STUDENT RELATIONSHIP AND MENTORING

A robust teacher student relationship prefers to an environment of free communication, feeling of security, nurturing and psychological and emotional support for grooming the students as expert personalities with high level of technical, social and leadership skills. While ensuring understanding of day to day portions of study by every student throughout the course progression, with extra support to slow learners, efforts are also put in to impart knowledge outside the syllabus for, inculcating the habit of continuous learning, constantly updating and transforming them into multi skilled personalities.

In addition to class group tutors, RCET has developed a mentoring programme under which, there is a mentor - teacher for each student. There is amentor for each student, who monitors the activities and behavior of the students and counsels them whenever required. At RCET, the student never feels lost, thanks to the care and concern of the mentors all along. They get parent like support as well as friendly advice from the mentors, so as to feel at home and also to improve their weak areas and build on strong ones.

Student Grievance & Redressal Cell is functioning in the campus to develop a responsive and accountable attitude among all the stakeholders in order to maintain a harmonious and conducive educational atmosphere in the institute. The cell deals with and resolves grievances of the students about academic, financial, Infrastructural issues, and other matters related to safety, sanitation, food, transportation etc.

Ragging is strictly prohibited in the campus. Government had issued notification regarding prevention of ragging in educational institutions in Kerala. An anti-ragging committee &squad are functioning with strict surveillance with Principal as chairman.

The institute has an Internal Complaints Committee, for addressing, grievances of girl students/ women in the campus, by taking immediate steps for investigation & resolution and for initiating preventive steps.

The college has an Internal Quality Assurance Cell(IQAC) which takes care of entire quality initiatives of the instituition.The quality initiatives by IQAC includes KTU and ISO audit (internal) and external assitance to KTU and ISOAuditing. Internal Auditing Cell (IAC) has to carry out planned and documented internal quality audits, covering all areas related to quality, compliance and administration, so as to ensure the effectiveness of the quality enhancement efforts and compliance to systems and procedure. This follows initiatives and corrective actions to bridge the gap/deficiencies and also preventive steps wherever necessary. The audit team shall conduct audit to get objective evidence through interviews, examination of documents, observation of activities, facilities and conditions in the relevant area to ensure or verify that quality system is effectively implemented and maintained.

The college has got a very active Parent-Teacher–Management Association (PTMA). PTMA meets in every semester to chalk out programmes and review performance. In addition to periodical meetings, PTMA is also convened to discuss serious/sensitive issues, related to day-to-day functioning of the college, if any.

SOCIAL COMMITMENT AND COMMUNITY INVOLVEMENT

RCET has always been working in cooperation with local authority, government agencies and public utility services etc. The National Service Scheme (NSS) unit -143 of RCET has secured various state awards continuously for 5 years. RCET students conducted socio-economic survey by developing e-gram software with an aim of collecting election ID data to make Kadangode Panchayath digital. RCET NSS unit got appreciation from Election Commission of India. Digitalization of documents of Alankode Panchayath also was done by National Service Scheme (NSS) RCET unit.
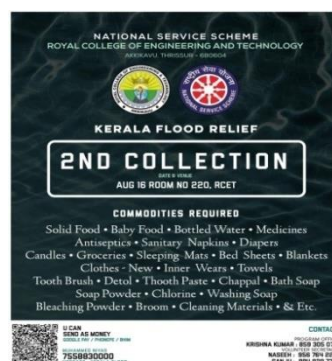
RCET got large media appreciation for their commendable support and involvement in flood rescue and relief activities in 2018 and 2019. Royal volunteers collected and distributed essential

materials to flood victims, got repaired their house and house hold equipments, restored electric supply by repairing / electrical maintenance. 300 units of power banks designed and developed by the volunteers were distributed to flood victims totally isolated due to continuous power failure and absence of mobile charging or lighting facilities. They distributed blankets to poor people at tribal colonies and slum areas of Attappadi and Thrissur through a programme known as "Snehaputhappu" meaning 'Blanket of Love'. The students set up a "Jaiva Kendra "in anarea of 15 cents of land and started organic cultivation deploying drop pipeline irrigation and cultivating common vegetables which is supported by office of the department of agriculture ,Khadangad Panchayat. RCET's involvement in "Swatch Bharath Mission " activities were not confined to the campus , but were spread to the surrounding localities by way of association with various institutions and organizations engaged in implementing cleaning and sensitization programmes. RCET has also been involving in propagating the message of energy conservation and clean energy ideas. The NSS unit of RCET also organizes various programs on days of national and international importance and takes initiative to conduct medical camps and blood donation camps. The Punarjani programmes of NSS RCET were by authorities and media for assisting government hospitals by repairing furniture, fittings and equipments. The NSS unit of RCET has secured state award for best volunteer in 2015, 2016, 2017,2018and 2019, and state awards for best program officer and best unit in the year 2016and 2019.

The Student's Social Skill Development Forum (SSSDF) and Anti Narcotic Cell of RCET impart social awareness and build social values and professional ethics in royalstudents. The forum aim to conduct programmes on health awareness, personality development, road safety rule awareness and environmental awareness.

The college has an active Placement and Training cell. Due to frequent interactions with students, the strength and weakness of students are ascertained, and then training /counseling are extended to them based on their requirements to increase the employability, performance in the interview and selection process.RCET students are getting placementoffersfrom TCS, HCL, Wipro, Infosys,   L&T,USTGlobal, Ford,TechMahindra,Mphasis,ATEES,Sutherland,Rico,Poornam,Infoview,Hexaware,Ethnus,Spectrum,Collabera,Amazon etc. However due to effective entrepreneurial skill development, a few are opting to start own ventures and skip placement offers.

VIBRANT CAMPUS FULL OF ACTIVITIES

At RCET, in addition to academic activities, various opportunities are created for students to showcase their talents. The "Arts fest" every year provides a platform for students to sharpen their cultural and artistic skills.

The "Tech fest" organized every year provides opportunity for exploring their technical skills along with students from other colleges and also enables them to share their knowledge and skill mutually among the students of other participating institutes. The college has various clubs such as environmental forum, green club, film photography and literary club, women's club, and newsletter &magazine club.

RCET has an environmental forum engaged in activities aimed at making the students, staff and the society at large, aware of the need, concept and methodology of energy conservation and environment protection. It also takes initiatives for extending its benefits to individuals, society and nation as a whole by regularly organizing talks, seminars, workshops, exhibitions etc.

Women's Club of RCET works for the empowerment of women of the institute and also to propagate and conduct awareness programs for emancipation and confidence building of women not only in the campus, but also in the society at large. RCET is having film photography &literary club which promote photography and literary tastes of students using modern technology.

RCET Alumni Association was formed in 2011. The students who have completed the course of study or passed out from the RCET are the members of the association. All the teaching staff and management representatives of the college are the honorary members of the association. The objectives of the association are to bring the alumni together, to keep them in contact with the Alma matter. Fostering relationships between the alumni and the present students, participation of alumni in the developmental activities of the college, financial help to deserving students depending on the availability of funds, to develop industry institute Interaction through alumni members, increasing job opportunities for fellow alumni and fresh graduates are the main priorities of the association.

The dean student's affairs of RCET addresses the concerns, needs and welfare of the student community. The dean encourages educational, sports, arts and cultural activities that is vital for generation of refined citizens. RCET aims at training the students in their rights and privileges, duties and responsibilities by including them in various councils, committees and clubs.

The staff club of RCET constitutes management representatives, principal, non-teaching and teaching staff to take care of welfare of staff. In addition to recreational programmes, the club takesinitiatives in charity and other services.

UPKEEPING VITAL INFRASTRUCTURE

Under maintenance engineer, RCEThas a maintenance sectionto address the complaints from various sections of the college and hostels. To have uninterrupted power supply for the smooth flow of academics and administration,the institution is having 11KV substation with 315KVA, 11KV/400V Transformer and 11KV Load Break Switch. Institution also has an180KVA Diesel generator (DG) back up.There is another 50KVA DG set to meet the base load and 15KVA DG back up for men's hostel.Drinkingwater supply is also maintained in the campus from RO plant after UV treatment. All complaints related to plumbing and water supply being attended by plumbing technicians. All works of civil nature in hostels and main campus is attended by the civil maintenance section under the control of site supervisor.

Decennial Celebrations: 10th Anniversary of RCET was celebrated with various colorful technical and nontechnical events from 16th to 22nd January 2014. Eminent personalities from science& technology, research and arts made their presence making the celebration a grand success. In memory of Decennial celebrations, ablock for Mechanical Department named as Decennial Block is inaugurated by the minister of Kerala State, Sri. C. N. Balakrishnan.

In 2018 Royal College of Engineering and Technology has been honored by Vanithalokam, Kairali We Channel for excellent contributions in the area of development of society both in academic and nonacademic fields. The awards and recognition achieved by RCET is summarized in the table below.

Name of the activity	Name of the Award/ recognition	Name of the Awarding government/ government recognized bodies	Year of award
STATE LEVEL APPRECIATIONS			
NSS	Special appreciation Award (Programme Officer, NSS Unit- 143)- Prof.Krishnakumar R	DirectorateofTechnical Education, Government of kerala	2019
NSS	Special appreciation award for NSS unit 143	Directorate of Technical Education, Government of kerala	2019
E-Zone football tournament.	Selection committee member of APJKTU E-zone football tournament - Mr.Bijeesh P	APJKTU	2018
N S S	Special appreciation award for volunteer -Ms.Lakshmi Devi	Directorate of Technical Education, Government of kerala	2018
IEDC	HARDWARE HACKTHON First Prize-Annual Summit	Award presented by Governor of Kerala	2018
NSS	Best College Award	Election Commission of India	2017
N S S	Best Volunteer award– Ms.Lakshmi Devi	Directorate of Technical Education, Government of kerala	2017
IEDC	Best Expo award"(Interface 2017) during Tatva Tech fest	by NIT Calicut in association IEEE Nasscom	2017
NSS	BestNSS Programme Officer Prof. KrishnakumarR	Directorate of Technical Education, Government of kerala	2016
N S S	Best NSS Unitaward- NSS unit 143	Directorate of Technical Education, Government of kerala	2016
N S S	Best NSS Volunteer award- Mohammed Muneer C K	Directorate of Technical Education, Government of kerala	2015
E-Zone football tournament.	Selection committee member of APJ KTU E-zone football tournament- Mr.Bijeesh P	APJKTU	2019
DISTRICT LEVEL APPRECIATIONS			
NSS Unit 143	IMA Blood Bank, Special Appreciation - Prof. Krishnakumar R.	IMA Blood Bank, Thrissur	2019

NSS Unit 143	Pragrithi Samrakshanam Sangham ,Thrissur District - Prof. Krishnakumar R.	Pragrithi Samrakshanam Sangham, Thrissur District	2018
NSS Unit 143	Special AppreciationAward for Maximum BloodDonation-Prof. KrishnakumarR.	IMA,Blood Bank ,Thrissur	2015

The RCET Management, Principal, staff and students strives to achieve RCET Vision"To continuously grow as a Resourceful, Outstanding, Youthful, Adaptive institution in the field of engineering and technology habituating Life-long learning," and Mission "To groom the youth into eminent technocrats- with lifelong learning skills to meet future requirements, deep sense of social responsibility, strong ethical values and a global outlook, to face the challenges of the changing world" through strategic planning, hard work and systematic approach.

Vision of RCET:

"To continuously grow as a

Resourceful,

Outstanding,

Youthful,

Adaptive institution

in the field of engineering and technology habituating

Lifelong learning."

RCET is always conscious about the need to be resourceful as an institution. In order to accomplish it's vision, the institution ensures a wellqualifieddedicated team of facultymembers and leadership ready to take up the challenges of multi phased growth of the students. From the very inception in 2003, RCET is keenly interested to improve the infrastructure facilities including buildings, well equipped laboratories, library facilities, ecofriendly ambience, in the campus in a phased manner. The college is having separate hostels for boys and girls, facilities to showcase and improve the artistic, cultural and sports talents. There are also platforms for skill development, off-syllabus projects, industrial and social interface, workshops, seminars, paper presentation facilities. It is the vision of the college to be outstanding among its peers in terms of resources, student development, teaching-learning quality process, discipline, social and industrial interface, career & placement, entrepreneurial development, results oriented and other parameters of evaluation of an engineering educational institution at par with excellence. RCET is striving to attain this vision on a continuous basis in all areas such as academic excellence, arts, sports, industry and social interface, innovation and entrepreneurship development among the students.As adaptability is the essential character for every individual or institution to be successful in the fast changing world, RCET is foresighted enough to be prepared for changes happening around in the field of science and technology, industry and society at large and prepares it,s students to be ready to embrace and take advantage of any changes happening around. Knowledge will be of no use if not updated from time to time in the changing world and for this learning should be approached as a habit for lifelong.RCET is continuously endeavoring to bring about a paradigm shift in the approach towards learning from a "prerequisite for earning a job", to " habit in life "to be successful.

Mission RCET

"To groom the youth into eminent technocrats
With lifelong learning skills to meet future requirements,
deep sense of social responsibility,
strong ethical values and global outlook,
to face the challenges of the changing world."

RCET has defined a set of Mission, key to realization of itsVision, to be implemented on a perpetual basis. The mission strategies include numerous activities to groom the youth into eminent technocrats possessing the following qualities:

Lifelong learning skill: With fast pace of changes taking place in every field, knowledge updating and learning becomes inevitable as a habit, rather than a pre job certification. This paradigm shift in the approach to learning is possible by moulding the students passionate about learning. This is achieved by intervening in teaching learning process, through modern tool usageand encouraging innovations.

Deep sense of social responsibility: In order to foster the feeling of social responsibility, RCET has established a vibrant NSS unit which has secured the best volunteer award at the state level continuously from 2015 to 2019.The social activities of RCET students includes flood rescue and rehabilitation, social sensitization programmes of national priority like cleanliness, resource conservation, health, helping the poor, supporting the district and local administration in data compilation, helping hospitals in maintenance of furniture and equipments etc attracted wide media and public attention. Socially relevant projects are also encouraged, to find solutionsin haunting problems.

Strong ethical values: The institutional transparency in day today activities, equal opportunities to all students, technical orientation, adherence to the university time table, discipline and decorum in the campus, devotion of teachers, helping poor students, mutual respect among students, teachers and staff etc are all qualities imbibed by students to develop strong ethical values.

Global outlook: With the opening up of global economy and universal spread of knowledge, easy /fast transportation/ communication, a global outlook is important for every individual. RCET has a strong global alumni network. Modern learning tools keep staff and students abreast with global changes.Access to international conferences/journals, and research publication helps the students to grow as global citizens, expanding their knowledge horizon and opportunities across geographies.

Table of Contents

PART B

EXCECUTIVE SUMMARY

1.1 EXECUTIVE SUMMARY

1.2 INTRODUCTION

The last few decades have witnessed drastic changes in the field of science and technology with its impact on all aspects of life. To name a few, transformational changes have taken place in the field of information technology, infrastructure, manufacturing and services, agriculture and animal husbandry, power generation and distribution, logistics and supply chain, medicine and healthcare, banking and finance and space research. Driven by the fast pace of changes and the need felt for producing more and more technocrats and engineers, then to meet the challenges of such changes and also to take advantages of it, a group promoted Royal College of Engineering and Technology (RCET) under Royal Educational society and Research Centre . RCET under the trust was registered for the purpose of conducting various courses and research oriented activities, on 13 -3
-2002,under Travancore Cochin Scientific Cultural and Charitable Societies Registration Act12 of 1955,with its office at No: V/436, Pannithadam Road, Akkikavu P.O, Chiramanangad via - Thrissur-680604. The college is situated in a wonderful landscape of 25 acres out of 34.59 acres owned by the trust with provision for future expansion surrounded by lush greenery and serene topography merged into a calm and healthy atmosphere at the confluence point of Thrissur, Palakkad and Malappuram districts. The campus is known for its discipline, well equipped laboratories, well qualified and experienced teachers with best administration and governance. RCET is an ISO 9001 - 2015 certified institution, approved by AICTE and affiliated to APJ Abdul Kalam Technological University (APJAKTU) from 2015 onwards. It was under University of Calicut until 2015. The unique features of the institute are robust academic management and administration system, best academic quality and facilities, syllabus supplements, platforms for skills and gap bridging, healthy teacher – student relationships, mentoring, forums for social outreach and community involvement and a vibrant campus full of activities with continuous upkeeping of vital infrastructure**.** The institute always secures good results in the university examination, often producing rank holders in different disciplines.

Vision

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Mission

<div align="center">

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1.1 Strength, Weakness, Opportunity and Challenges (SWOC)

Institutional Strength

- The college is a self-supporting institution providing quality education to students with AICTE approval and ISO certification.
- The Vision, Mission, POs of RCET are framed following on KTU and NBA instructions.
- Committed management, young and dynamic staff for ensuring quality in every aspect of technical education.
- All academic programmes are planned leading to student motivation and progression.
- Excellent infrastructure facilities, including classrooms, laboratories, library, transportation system and other support facilities like Wi-Fi.
- Very good ambience with fresh greenery environment for teaching, learning, research and other curricular and extracurricular activities.
- Policies, systems and procedures in place for all the activities.
- Academic collaborations with organizations / industries for employability and
- skill development. Senior academicians serving as HODs and Directors of
- academic departments, IQAC and other centre . Different systems like REAP, RACE, AIM, mentoring implemented for continuous improvement.
- Curricular, co-curricular and extra-curricular programmes aimed at the holistic
- development of students. Institutional Commitment to develop for community-oriented activities through NSS, IEDC, SSSDF etc.
- Scholarship schemes are provided to meritorious /
- economically weak students. Conducive physical learning
- environment under Department of Physical education
- Separate hostels for boys and girls with homely food and comfortable accommodation. Special efforts through induction/orientation programmes to impart value education.

- Opportunity to showcase multiple skills
- talents for students on campus. Campus is
  well known for it's discipline and decorum.
- Promoting students to offer service to the society as
- and when needed. Institutional membership in
- technical societies like ISTE, IE(I) and CSI.
- Appreciation to staff and students for their excellence
  in teaching and learning. Automated e-governance
  for academic and administrative systems.
- Effective Statutory committees /cells for student grievance.
- Special Programmes for empowering
- girls/women in the institution. College is
  having an active carrier guidance and
  placement cell
- In case of emergency medical requirement essential services like
  transportation, helper - driver and tie up with nearby hospital are available.
- Institution promotes ICT enabled teaching.
- On campus stationary store SAAC for students.

Institutional Weakness

- The institution is affiliated to university which limits academic
- freedom of the college. Absence of family accommodation
  facility for staff on the campus.
- Lack of school and other facilities for the children of staff.
- Remoteness of the college from cities and facilities such as airport
- and railway connection Retaining faculty of high-end quality is
  difficult in a self-financing environment.
- Weak in the area of research and publications.
- Self-supporting institution, no financial grant from other sources
- Lack of quality of engineering seekers which is a barrier for quick growth on research
  activities.
- Fewer students are seeking higher studies as they are getting deviated to other
  fields where they are feeling more job security.
- Students preferring more entertainment activities rather than dedicated technical
  hobbies.

Institutional Opportunity

- Strong management support, committed faculty/staff .
- Good alumni interaction through alumni associations
- at center places in world. MoU signed with a number
  of organizations and industries.
- Pleasant and calm climate and green campus.
- Opportunities to conduct different add-on courses
- and training programmes.

Opportunities to attract research funding from government agencies.

- Support from Kerala Start up Mission to encourage
- startup initiatives of students. Opportunity to the
- institution for participating in social activities through various Schemes like NSS, IEDC etc.
- Opportunity to collaborate with technical societies.
- Opportunity to work along with other major institutions through online programmes.
- Environmental challenges needs more engineering based studies, which seems to be an opportunity for engineers.
- More platforms are opened by government/universities to promote research activities, which offers more convenient places for research.
- Healthy competitions among self financing colleges help to have improvement in overall performance of the institution.
- Candidates opting for latest fields in engineering for higher education encourage institution to offer new courses
- Introducing new courses in syllabus revision is an opportunity for institutions to update their knowledge and laboratory facilities.
- Institution is having surplus land for further extension activities.
- New areas in IT and other technical fields provide more and more opportunities to passing out graduates for further studies and employment.
- Free training and spoken tutorial programmes on various ICT topics to staff and students by IIT Bombay under NMEICT, MHRD.

Institutional Challenge

- Difficulty in attracting good students to the college due to the presence of a large number of engineering colleges in nearby areas and in the near by states.
- Maintaining good rank among engineering colleges
- and to scale greater heights. Attract and retain expert faculty at all levels.
- Make a mark at the national level in the realm of research with high impact publications, patents and technology transfer.
- Media and peer-group influence negatively affecting the academic orientation of students.
- Maintain excellence in engineering education standing within the remote geographic location of the college.
- Preparing interested students for competitive examinations like GATE, CAT, IAS within limited time available during semester activities.
- Effort put in preparing students within short time for university examinations together with curricular/extra-curricular activities to make them industry ready.

1.2 CRITERIA WISE SUMMARY

Curricular Aspects

The course curriculum content framed by the university is effectively planned and implemented by the institute. Extra courses are offered by the institution through RACE and AIM to address syllabus content gap and attain goals set under the institute Vision. Implementation of curriculum begins with the academic planning of the semester and preparation of academic calendar and timetable for the semester. Course plan preparation , formation of course and class committee , identification of group tutors , mentors, controller of examination, arranging industry visit and internships, coordinating and signing MoU with industries, arranging eminent external faculty for lecture sessions, organizing classes by industry and academic experts, projects, assignments , seminars etc are some of the strategies in curriculum implementation. RCET has an Academic Management System (AMS) for uploading all day to day activities of the course such as timetable, course plan, online attendance marking and report generation. Students have the options to select the elective courses, online classes, industry exposure/internship, intercollegiate seminars, hands on workshop and presentation. All required study material for self study, namely books, journals, periodicals, audio visual aids etc are available in the college library. RCET has tie up with premier institutions and professional bodies like IIT Mumbai, IE (I), IEEE, ISTE, IETE, KBAIC and Computer Society of India and platforms like SDPK for facilitating students and faculty to attend online/direct classes in addition to NPTEL courses. The college has a robust entrepreneurial eco system to encourage innovation and entrepreneurship. RCET has a strong feedback and evaluation system by teachers, students, administration, management and society atlarge.The result analysis of all institutions that is prepared and circulated by the university and the one which is prepared and circulated by RCET is elaborately discussed at various levels such as Department Advisory Board to sensitize the management and faculty about the need for focused attention and improvement in weak areas. Media reports, public comments, PTMA suggestions and opinions of experts about the functioning of RCET act as motivation / triggers for improvement.

Teaching-learning and Evaluation

At RCET the academic semester starts with elective option by the students wherever permitted.The institutional calendar containing academic and non academic program schedules and timetable for the semester is prepared synchronizing with the university calendar. This is communicated to faculty, students and administrative system of the institution. Teaching and course plans are prepared at department level by the respective teachers subject to approval by the committee consisting of HOD, course coordinator and module coordinator. The faculty members adhere to the teaching progression plan and ensure the incorporation of contents of syllabus, Course Outcomes (CO), Programme Outcomes (PO), Programme Specific Outcomes (PSO), CO-PO mapping, PO-PSO mapping, contents to be covered, teaching aids. Class committees (for department subjects) and course committees (for inter departmental subjects) are set up, constituting, senior staff members and student representatives to finalize action plans and periodical review for smooth progression and completion of the course. After every semester DAB evaluates the performance, and if any deficiency is identified for improvement, plans will be worked out for next semester.

The subject wise performance analysis of teachers is carried out, twice in a semester based on student feedback which is communicated to the respective teachers. Those who have performed lower than benchmark are given corrective guidance for improvement while good performers are appreciated. Instead of conventional teaching-learning models, RCET provides different student centric learning methods through ICT enabled teaching learning mechanism. Students are encouraged to do internships, industrial visits/training etc related to their branch to have an exposure in their relevant fields. In order to encourage self and participative learning, students are given assignments to learn specific topics from syllabus and presenting in the classroom. Students and teachers are encouraged and supported to participate in exhibitions, national-international conferences and hands-on trainings. Accordingly the faculty members selected by RCET staff selection committee, consisting of Principal, subject experts and Director Board members , are encouraged to organize international conferences, seminars and workshops, undertake research and consultancy, research publications in reputed journals.

Research, Innovations and Extension

RCETpromotesresearchtalentsofstudentsthroughplatformslikeIEDCandR&D centerbyencouragingthem to get research funding from government and other agencies. As part of FDP RCET encourages faculty members to register for doctoral programmes and to get their research works published/presented in national and international journals/conferences. IEDC encourages innovations having scope for commercial production of value-added products/services and potential for improving the standard of life in the society. It creates an innovation ecosystem by coordinating with agencies like Kerala Start Up Mission, KSIDC and seed funds. "Channeliam -I Am Start Up Studio "is launched in association with IEDC-RCET which is an initiative by Channeliam.com channel to foster entrepreneurship among student community through selected campus ambassadors. AQUAGEN, HV Pulse maker, Solar Powered AC, USB KEY, e-Steth, Woman security device, Waste management App-M Bin, Exo skeleton-Robo, Hybrid vehicle, IOT based energy monitoring system are some of the innovations of IEDC. RCET is unique in its collaborative efforts for various programmes both within the campus as well as with outside institutions, agencies and community. For its extension activities during last five years RCET has secured panchayath, district and state level awards. RCET has always been working in cooperation with local authority, government agencies, public utility services etc. The NSS unit has secured the best volunteer award from 2015 to 2019; best program officer award twice and special appreciation award in 2019. NSS unit got large media appreciation for their commendable support and involvement in flood rescue and relief activities in 2018 and 2019. RCET has also been involving in propagating energy conservation and clean energy programmes. The NSS unit organizes medical and blood donation camps. Punarjani programmes supporting government hospitals, by repairing damaged furniture, electrical fittings and other equipments is well appreciated by the respective authorities and media. RCET undertakes consultancy which are helpful to the society/industry/business enterprises. NSS Unit digitized the office files of Alangode Panchayat in Malappuram District and also designed and installed

an Automatic Electronic Token Machine at Chest Medicine Department in Government Medical College, Thrissur.

Infrastructure and Learning Resources

RCET has got adequate infrastructure facilities of buildings and classrooms, separate hostels for men and women, canteen, indoor and outdoor stadium, sports facilities, roads, greenery lawns and garden inside the campus, a fleet of buses and cars for students and staff. Above all the college has well equipped laboratories. RCET has central library facility in addition to department libraries, with an area of 618.12m². It has more than 27,800 text books of reputed authors, 54 recent national and international journals, 859 e- journals of Delnet and 125 back volumes of reputed journals. Technical magazines, newspapers and previous university question papers are also available in the library. Books are fully classified as per dewey decimal classification scheme for easy access. The library is fully automated using the software called LIBSOFT. Online Public Access Catalog helps in searching availability of books and details of transactions for students in the library. Multimedia computers are available for reference purpose in the library. Photocopying facility is also provided in the library. Online classes of renowned teachers and industrial experts are made available to the faculty for selecting and orienting their subjects of interest. RCET has two internet service providers namely BSNL – 40Mbps and KeralaVision of 40Mbps.The college has Wi-Fi facility for entire campus and an official website domain.

The college also has a corporate mail system for quick communication among staff and students. RCET is

maintaining an official facebook page for promoting social communication. The college has full fledged internet and intranet facility. RCET provides email, whatsapp /facebook group for instant and real time communication within the group of staffs and students. RCET is having an excellent physical, academic and support facilities which are maintained and upgraded from time to time. It is the policy of RCET to upkeep the campus with excellent ambience and rich greenery. Special attention is given for preventive maintenance of laboratory equipments, power generators, water pumping, treatment and distribution system, firefighting system, plumbing and electrical installations. Institution facilities such as rain water harvesting, bio waste treatment,

solar power system are also maintained periodically.

Student Support and Progression

RCET has commendable student support facilities .In addition to excellent physical and technical infrastructure, the college ensures a robust platform for supporting the students for growth of their academic, intellectual and extracurricular capabilities. Some of such noteworthy facilities are: mentoring, counseling and remedial classes. Remedial classes are arranged for every semester subject to assist the slow learners to catch up with others and upgrade them competitive enough, with increased confidence and positive attitude. The above measures are implemented based on continuous evaluation of student progression through series tests, assignments, projects and seminars. Financial supports and scholarships like government (MCM, e-grants) and management scholarships (CALIDAD, meritorious scholarship) are made available under student support activities. Students are facilitated with funding support of various agencies for undertaking technically/industry/socially relevant projects. Industrial visit/environmental visit/internship/site visit are also organized with the intention of industrial exposure, team spirit and mind refreshment of the students. Alumni and PTMA often come with a helping hand for needy students for meeting costly medical treatment expenses, purchasing books, equipments etc. Since RCET is keen on student progression into multi skilled personalities by the end of their course, a number of platforms are available for their growth in academic as well as non-academic skills. Student representatives are included in almost all committees' right from curriculum planning to sports, techfest, artsfest and special day functions. These programmes are organized, planned and executed by students with high zeal and enthusiasm. All the activities like social outreach, industrial interface, innovation ecosystem sports, tournaments, art festival etc are successfully executed with whole hearted participation of students. RCET has a vibrant alumni association actively involved in various activities of the institution by various forms of financial assistance such as infrastructure support to college, help to needy student for medical treatment, purchase of books/equipments, internship and job opportunities, guidance through interactions, and awarding meritorious students .

Governance, Leadership and Management

RCET has a capable administrative set up, which is evident from the academic and other performance, discipline and transformation of students as they progress in the course. The college has always been able to execute the curriculum planning and implementation strictly as per schedule, without loss of any working days due to strike or student unrest. RCET ensures excellent physical and man power infrastructure and offer a robust platform for multi phase growth of the students due to proactive leadership.

The activities of the institute are under the organization hierarchy like Director Board, Principal, Governing Body, Academic Council and IQAC. Various aspects of the institution are reviewed, shortcomings/gaps are identified for improvement, and further strategies are implemented to address the issues for better performance towards the vision. RCET is very cautious in selecting qualified and dedicated faculty members and providing them a conducive environment for working and growth.

Finance is one of the most crucial resources for development and growth of an educational institution. Having put in place the necessary initial infrastructure, the major financial input at present is for maintenance and upgradation. The challenge of the management is confined now to mobilize resources to meet overhead expenditure. In order to manage the finance hassle free, RCET prepares a budget for the next financial year before closure of the previous year. Strategies are deployed to bridge the gap of excess outflows over inflows and deployment plans for excess revenue if any. The accounts are subject to an internal audit with monthly reports followed by external auditon annual basis by reputed Chartered Accountants. RCET, in its endeavor to realize the goals visualized, is very conscious about improving and maintaining quality in all academic, co-curricular and extracurricular activities. With this purpose there is a separate Internal Quality Assurance Cell headed by a senior professor as its Director.

Institutional Values and Best Practices

RCET's Vision and Mission are focused more on student growth and grooming and it always tries to foster the same value and ethos on its students. RCET is following the best practices and striving to be outstanding among similar institutions. The two best practices prevailing in RCET are "Student Grooming Through Motivation And Mentoring" and "Royal Advanced Carrier Enhancement". Being a private sector,self financing minority institution situated in rural area, the fact is that most of the students are from under privileged section of society/ villages with less opportunity and financial capacity. Due to this, it becomes the institution interest to increase their confidence and make up the knowledge gap. RCET engages itself in motivating, mentoring and counseling through its dedicated faculty team who are willing to take extra efforts. Amazing changes have been observed in the attitude of students towards learning and determination to catchup with good learners. The effectiveness in counseling, mentoring and motivation leads to drastic reduction in college dropout numbers. With an objective to address the gaps in skills sets of outgoing students, RCET has started RACE with orientation programmes, add-on courses, MoU with industries and skill acquisition institutes, internships and placements. RACE, has signed many MOUs with various organizations for all disciplines. This has contributed well in improving the entrepreneurial capabilities of graduates which helps in their placements and starting own ventures.

RCET does not lose classes due to student unrest/strike and has been able to strictly adhere to course schedule prescribed by the university. On all the above, RCET's initiatives and academic activities are not suffered due to cast, religion, sex, financial or social back grounds. RCET students secured ranks in university examination in various disciplines. RCET students have shown keen interest to invent their own products for the purpose of serving the society. RCET has received various awards and appreciations from government and other agencies for its outstanding performance. In addition to this, RCET was awarded by Vanithalokam, Kairali We Channel for its excellent contributions for the development of society in academic and nonacademic fields.

1.Basic Information

Name and Address of the College			
Name	ROYAL COLLEGE OF ENGINEERING AND TECHNOLOGY		
Address	ROYAL COLLEGE OF ENGINEERING AND TECHNOLOGY, AKKIKAVU, P.O- CHIRAMANANGADU, MARATHANCODE - VIA, THRISSUR - DISTRICT		
City	THRISSUR	Pin:680604	State:Kerala
Website	www.royalcet.ac.in		

2.For Communication:

Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Dr.DEVI V	04885-271121	8714549416	04885-289009	principal@royalcet.ac.in
IQAC Coordinator	Shiji K	04885-271121	9048032440	04885-289009	shijik@royalcet.ac.in

3. Status of the Institution

Institution Status	Private and Self Financing

4. Type of Institution

By Gender	Co-education
By Shift	Regular

5. It is a recognized minority institution?

Yes

If yes specify minority status	2 minorityapprovalletter.pdf

6.Source of funding :self financing

7. a.Date of establishment of the college :25-06-2003

 b. University to which the college is affiliated/or which governs the college(If it is a constituent college

APJ Abdulkalam Technological University

c. Details of UGC recognition:

Under Section	Date	Remarks(If any)
2f of UGC	-	-
12B of UGC	-	-

d. Details of recognition/approval by statutory/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)

Statutory Regulatory Authority	Recognition/Approval details Institution/ Department Programme	Day,Month and Year (dd-mm-yyyy)	Validity	Remarks
i	AICTE	27-Apr-2018	1 Year	

8.Does the affiliating university Act provide for conferment of autonomy(as recognized by the UGC),on its affiliated colleges? No

9.Is the College recognized

a. by UGC as a College with Potential for Excellence(CPE)? No

10.Location of the campus and area in

Sq.mts:Location	
Campus area in sq.mts	**25 acre**
Built up area in sq.mts	**20,704 m²**

11.Details of programmes offered by the college(Give data for current academic year)

Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BTech,Civil Engineering	48	Fifty percentage marks in Mathematics Physics Chemistry in HSE or equivalent. Relaxation of five percentage in marks for reserved category	English	60	31
UG	BTech,Computer Science & Engineering	48	Fifty percentage marks in HSE or equivalent. Five percentage relaxation in marks for reserved category	English	120	54
UG	BTech,Electrical and Electronics Engineering	48	Fifty percentage marks in Mathematics Physics Chemistry in	English	60	7

			HSE or equivalent. Five percentage relaxation in marks for reserved category			
UG	BTech, Electronics and Communicatio n Engineering	48	Fifty percentage marks in Mathematic s Physics Chemistry in HSE or equivalent. Five percentage relaxation marks for reserved category	English	60	12
UG	BTech, Mechanical Engineering	48	Fifty percentage marks in Mathematic s Physics Chemistry in HSE or equivalent. Five percentage relaxation marks for reserved category	English	120	29
PG	M Tech,Computer Science and ENgineering	24	Sixty Percentage marks in engineering examinatio n and a	English	24	0

			valid GATE score. Non GATE Admission on merit basis.			
PG	M tech Electronics and Communication Engineering	24	Sixty Percentage marks in engineering examination and a valid GATE score. Non GATE Admission on merit basis.	English	24	0

12.Please fill in the following details if applicable:

Number of Programs	Self financed programmes offered	New Programmes introduced during the last five years
	5	-

13. Number of teaching and non teaching positions in the Institution

	Teaching Faculty											
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0				0				0
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit				0				0				0

Sanctioned by the Management /Society or Other Authorized Bodies				6				5				76
Recruited	5	1	0	6	2	3	0	5	31	45	0	76
Yet to Recruit				0				0				0

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				66
Recruited	36	30	0	66
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				18
Recruited	11	7	0	18

Yet to Recruit				0

14. Qualification Details of the Teaching Staff

	Permanent Teachers									
Highest Qualificatio n	**Professor**			**Associate Professor**			**Assistant Professor**			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	5	1	0	0	1	0	0	0	0	7
M.Phil.	0	0	0	0	0	0	1	1	0	2
PG	0	0	0	2	2	0	30	44	0	78
	Temporary teachers									
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
	Part time teachers									
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

15.Number of Visiting Faculty/Guest Faculty engaged with the College.

0

16. Furnish the number of the students admitted to the college during the last four academic years.

Categories		**Year 1**	**Year 2**	**Year 3**	**Year 4**
SC	Male	1	3	1	2
	Female	2	2	2	2
	Others	0	0	0	0
ST	Male	0	0	0	0

	Female	0	0	0	0
	Others	0	0	0	0
OBC	Male	4	6	9	36
	Female	3	14	10	29
	Others	0	0	0	0
General	Male	1	4	3	14
	Female	0	2	1	9
	Others	0	0	0	0
Others	Male	72	101	103	158
	Female	53	97	72	133
	Others	0	0	0	0
Total		136	229	201	383

17.Details of student enrolment in the college during the current academic year:

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	278	0	125	0	403
	Female	263	0	68	0	331
	Others	0	0	0	0	0
PG	Male	0	0	0	0	0
	Female	10	0	0	0	10
	Others	0	0	0	0	0

18.Please fill in the following details if applicable:

Unit Cost of Education	Including Salary Component	Excluding Salary Component
	61791879	15213199

20. Date of establishment of Internal Quality Assurance Cell (IQAC) : 01-09-2019

Extended Profile

1. Extended Profile

1.1 Program

Number of courses offered by the Institution across all programs during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
314	341	339	347	336

File Description	Document
Institutional data prescribed format	[View Document](#)

Number of programs offered year-wise for last five years?

2018-19	2017-18	2016-17	2015-16	2014-15
7	7	8	8	8

1.2 Students

Number of students year-wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
1008	1337	1694	1893	1697

File Description	Document
Institutional data in prescribed format	[View Document](#)

Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
106	118	120	132	132

File Description	Document
Institutional data in prescribed format	[View Document](#)

Number of outgoing / final year students year-wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
252	323	425	321	281

File Description	Document
Institutional data in prescribed format	[View Document](#)

1.3 Teachers

Number of full time teachers year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
102	125	143	134	116

File Description	Document
Institutional data in prescribed format	[View Document](#)

Number of sanctioned posts year-wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
102	125	143	134	116

File Description	Document
Institutional data in prescribed format	[View Document](#)

1.4 Institution

Total number of classrooms and seminar halls

Response: 43

Total Expenditure excluding salary year-wise during last five years (INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
152.13	267.41	314.65	370	330.54

Number of Computers

Response: 572

PART C
CRITERIA WISE EVALUATION REPORTS

Criterion -1
Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1 The Institution ensures effective curriculum delivery through a well planned and documented process

Response:

RCET set a strong vision of growing as a perpetual centre of excellence in the field of higher technical education in tune with changing global scenario. The institute has also defined and implemented the mission through various programme and activities to groom eminent technocrats capable of bringing about individual and societal empowerment visualizing and embracing latest development in science and technology.TheVision,Missionandgoalsareeffectivelyconveyedtoallstakeholdersthroughthecollege website, publications, prospectus, other printed materials and presentation in various programmes.

As RCET is affiliated to KTU, the curriculum content of the course is finalized by the university. The process of implementation of curriculum at RCET begins with the academic planning of the semester and preparation of academic calendar and timetable for the semesters. Course plan preparation, formation of course and class committee, identification of group tutors and mentors, department controller of examination, arranging industry visits and internships, coordinating and signing MoU with industry , classes by industry and academic experts, projects, assignments, seminars, conferences and technical workshops are some of the strategies in the course of curriculum implementation.

RCET has an AMS for uploading all day today activities of the course such as timetable, present and proposed course plan, online attendance marking and report generation. Remarks on performance of students notifications, results of tests and assignments are also carried out through AMS. The system is devised with accessibility to all stakeholders.

Faculty members represent the college as doctoral and board of study members, resource persons for FDP's / conferences, Ph.D thesis evaluators, reviewer for journals, question paper setters, observers and evaluators for university examination.

RCET has tie up with the NMEICT and is among the first 20 KTU colleges in Kerala, to set up Skill Delivery Platform of Kerala [SDPK]. Students are motivated to attend and qualify online classes and to join professional societies like IE (I), IEEE, IETE and Computer Society of India. RCET is believing in holistic development of students by enabling them to learn extra topics and skills outside the prescribed syllabus through its exclusive programmes like RACE, Royal AIM, REAP, IEDC ,NSS .RCET has evolved a strong feedback and evaluation system by teachers, students, administration management, parents and society at large. Performance and progress of students are continuously monitored through series tests, student teacher interaction, seminars/ project presentation, counseling and mentoring. Placement cell of RCET has the vision to prepare the students with relevant technical and personal skills which lead them to a career and a bright future with all morale.

The academic council of RCET enables result comparison with peer institutions and sensitizing the management, administration and teachers about the requirement of focused attention and improvement in

weak areas. The college is also following up various media reports, public comments and opinions of prominent personalities in the area about the functioning of RCET and is conscious about improving the image by taking suitable actions from time to time.

File Description	Document
Upload Additional information	[View Document](#)
Link for Additional information	[View Document](#)

1.1.2 The institution adheres to the academic calendar including for the conduct of CIE

Response:

Before the beginning of every academic year, KTU announces detailed academic calendar based on the guidelines of AICTE , taking into account of the mandatory number of working days (72 days per semester). The plan for teaching learning process is organized by the college academic council at the beginning of every semester. RCET publishes an internal academic calendar incorporating its academic and non academic activities in line with the KTU academic calendar.

TheHeadoftheDepartmentsconcernedconductsmeetingwithallthefacultymembersandallotssubjects   based on their interest/ proficiency. Then the time table is prepared and circulated to the students.The class and course committees are formed with students also as members.The faculty members prepare the Course Plan at the beginning of the semester. The theory classes and practical sessions will be carried out according to the course plan prepared. Institution will see that the progress of academic activities are according to the course plan and will compensate for the unexpected holidays with extra working hours.

The student evaluation of teachers is a regular feature done online through AMS, carrying out , after first series and end of the semester regularly, in addition to direct feedback within class hours. Students feedback is consolidated by the HOD and presented to the higher officials for follow up action. Apart from this, KTU external auditors, and HODs interact with the students to obtain their feedback. The feedback received will be discussed with the teachers concerned and if necessary, they will be counseled and advised by the college authorities. For theory, as well as practical subjects internal evaluation is conducted by the internal examination committee. Internal examinations are conducted as per academic calendar for all semesters. Two sets of question papers scrutinized by HOD for each subject are collected one week prior to the commencement of the examination by DCOE's (Department Controller Of Examinations) of concerned departments and forwarded to the main examination cell. The absentees statement for each examination are documented by the respective DCOE's. The answer sheets will be provided to the students after evaluation.

 After the publication of the results of all series examinations, subject wise , weak students are identified and appropriate remedial measures are initiated. Tutorials and assignments , presentation of seminars , projects and evaluation of designs / mini projects, are scheduled as per the academic calendar. Internal marks are finalized and published based on series test marks, assignment marks and attendance of the

students , as per the guidelines from the university.

Students securing minimum internal marks as prescribed by the university (KTU 2015 Scheme) are eligible for attending university examination. Ineligible students are required to attend summer course/ course repeat to acquire eligibility for attending university examination. Apart from securing minimum pass mark in the university examination students are also required to obtain activity points by participating in various co-curricular and extracurricular programmes as per the guide lines of university for completing their degree course.

File Description	Document
Upload Additional information	View Document
Link for Additional information	View Document

1.1.3 Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the last five years

1. **Academic council/BoS of Affiliating university**
2. **Setting of question papers for UG/PG programs**
3. **Design and Development of Curriculum for Add on/ certificate/ Diploma Courses**
4. **Assessment /evaluation process of the affiliating University**

E. None of the above
D. Any 1 of the above
C. Any 2 of the above
B. Any 3 of the above
Response: B. Any 3 of the above

File Description	Document
Institutional data in prescribed format	View Document
Details of participation of teachers in various bodies/activities provided as a response to the metric	View Document
Any additional information	View Document

1.2 Academic Flexibility

1.2.1 Percentage of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

Response: 71.43

1.2.1.1 **Number of Programmes in which CBCS / Elective course system implemented.**

Response: 5

File Description	Document
Minutes of relevant Academic Council/ BOS meetings	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)

1.2.2 Number of Add on /Certificate programs offered during the last five years

Response: 27

1.2.2.1 **How many Add on /Certificate programs are added within the last 5 years.**

2018-19	2017-18	2016-17	2015-16	2014-15
10	6	6	3	2

File Description	Document
List of Add on /Certificate programs	[View Document](#)
Brochure or any other document relating to Add on /Certificate programs	[View Document](#)
Any additional information	[View Document](#)

1.2.3 Average percentage of students enrolled in Certificate/ Add-on programs as against the total number of students during the last five years

Response: 19.63

1.2.3.1 **Number of students enrolled in value added courses (beyond the curriculum) offered year-wise during last five years.**

2018-19	2017-18	2016-17	2015-16	2014-15
175	169	156	739	338

File Description	Document
Details of the students enrolled in Subjects related to certificate/Add-on programs	View Document
Any additional information	View Document

1.3 Curriculum Enrichment

1.3.1 Institution integrates crosscutting issues relevant to Professional Ethics ,Gender, Human Values ,Environment and Sustainability into the Curriculum

Response:

RCET follows mixed class rooms for and department rooms without any discrimination for boys and girls / gents and ladies. Subjects introduced in the curriculum by the university related to professional ethics, environment and sustainability are taught with due importance to impart awareness to the students. Any issue related to academic or nonacademic matters is resolved in the best possible way in the form of counseling by group tutors or by HOD whenever required. Action Discipline Committee, Anti Ragging Committee, Women Cell, Grievance Redressed Cell take care of gender issues if any. Women Clubs works against any possible discrimination against women.

IEDC- RCET which has both male and female coordinators encourages both girls and boys to develop their entrepreneur skills . This increases confidence of women to become entrepreneurs.

RCET conducts industrial visits and tour programmes every year where both boys and girls are actively participating. The institution provides transportation facilities to male and female students without any discrimination. The institute prepares timetable for each semester in which class hours, practical activities and projects are marked with equal importance to both boys and girls.

The Placement cell also provides equal importance to girls and boy students while giving training and during placement drive. On observing the placement data it is seen that girls have a record of around 40 % in all the years. RCET is keen in delivering skill development activities to students without any discrimination. This is in addition to the subjects introduced by university for career enhancement. The skill development activities by departments together with the skill development centre named as SDPK Lab and KBCAI club are boon for the faculty and students to update themselves on the latest developments in technology in the best-of-its-class available which provides equal opportunities to girl students.

RCET students boys and girls were very active in helping people affected by flood during two consecutive years. They have cleaned and repaired many houses, collected food, and materials to help victims. Repaired roads and restore accessibility in cut off areas. NSS volunteers of RCET initiated many

social welfare works for the society. The main project put forward by the unit was "power bank production". Students produced more than 300 units of power bank and distributed to places where charging phones was a real issue and team persued electrical maintenance work at flood affected places.

Institute has groomed a good alumni forum which often comes out with a helping hand for economically weaker students. It is a global platform to share their experience and maintain a healthy relationship with each alumni throughout their life . It contributed liberally to provide financial support to one of the alumni of RCET who suffered from chronic kidney disease. RCET received a Ford Ecosport car for study purpose from Ford India Pvt. Ltd. at the initiative of an Alumnus. Wide media coverage was received for all the social outreach activities and royalties were appreciated for their commitment, dedication and social orientation by all.

File Description	Document
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View Document
Any additional information	View Document

1.3.2 Average percentage of courses that include experiential learning through project work/field work/internship during last five years

Response: 31.85

1.3.2.1 **Number of courses that include experiential learning through project work/field work/internship year-wise during last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
108	124	90	88	123

File Description	Document
Programme / Curriculum/ Syllabus of the courses	View Document
MoU's with relevant organizations for these courses, if any Average percentage of courses that include experiential learning through project work/field work/internship	View Document
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View Document
Any additional information	View Document

1.3.3 Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year

Response: 100

1.3.3.1 **Number of students undertaking project work/field work / internships**

Response: 1008

File Description	Document
List of programmes and number of students undertaking project work/field work/ /internships	View Document
Any additional information	View Document

1.4 Feedback System

1.4.1 *Institution obtains feedback on the syllabus and its transaction at the institution from thefollowing stakeholders 1) Students 2)Teachers 3)Employers4)Alumni*
E. None of the above
D. Any 1 of the above
C. Any 2 of the above
B. Any 3 of the above
Response: A. All of the above

File Description	Document
Any additional information (Upload)	View Document
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View Document
URL for stakeholder feedback report	View Document

1.4.2 Feedback process of the Institution may be classified as follows: Options:

1. **Feedback collected, analysed and action taken and feedback available on website**
2. **Feedback collected, analysed and action has been taken**
3. **Feedback collected and analysed**
4. **Feedback collected**
5. **Feedback not collected**

E. Feedback not collected

D. Feedback collected

C. Feedback collected and analysed

B. Feedback collected, analysed and action has been taken

Response: B. Feedback collected, analysed and action has been taken

File Description	Document
Upload any additional information	[View Document](#)
URL for feedback report	[View Document](#)

CRITERION - II

TEACHING-LEARNING AND EVALUATION

Criterion 2 - Teaching-learning and Evaluation

2.1   Student Enrollment and Profile

2.1.1 Average Enrolment percentage (Average of last five years)

Response: 65.27

2.1.1.1 **Number of students admitted year-wise during last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
1008	1337	1694	1893	1697

2.1.1.2 **Number of sanctioned seats year wise during last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
2203	2346	2484	2415	2203

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document

2.1.2 Average percentage of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy) during the last five years (exclusive of supernumerary seats)

Response: 46.76

2.1.2.1 Number of actual students admitted from the reserved categories year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
25	22	69	80	97

File Description	Document
Average percentage of seats filled against seats reserved	[View Document](#)
Any additional information	[View Document](#)

2.2   Catering to Student Diversity

2.2.1   The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners

Response:

Institution assesses the learning levels of student's immediately after admission and organizes special programs for advanced learners and slow learners. At RCET the teachers are taking special initiative to assess the level of pre admission learning standards of the students by conducting tests. Students are grouped as poor, average, and outstanding. Classes on basic subjects like mathematics and mechanics are organized to improve the grasping/ learning level of students. This enables them to catch up with the analytical subjects during the main course period.

RCET has a platform named as REAP to motivate and help the academically weaker students. Remedial programs by REAP are designed to bridge the gap between what a student knows and what he/she is expected to know. Along with improvement of result it also aims at improving their knowledge, academic skills and attitude in all courses especially analytical subjects. The method followed by REAP for slow learners is to have repetition of topics, analysis and discussion on previous year university questions and conducting of remedial test followed by evaluation of the progress.

Schedules of each REAP classes are decided by the Academic Council of RCET. Respective coordinators are given overall responsibility for the conduct of classes. Basic criteria for identification of slow learners is to pick students with more than three subjects failures or those feeling less confident in a particular course or modules. Grouptutors, mentors and concerned faculty are responsible for identifying the students after every internal examination. Mentors / HOD's interact with their parents to convince them about the aim of the program. REAP classes were conducted during 4:10PM to 6:30 PM after regular working hours and transport facility is provided for students. Classes are also arranged during weekends if required. Hostel facilities are provided for the requested students. REAP platform was started in 2016 and in previous years weaker students were helped with extra classes as per the requirement proposed by Academic Council under each department.

Extra effort is put by RCET to enhance the skills to advanced learners to make them better professionals. Courses under RACE platform helps them to attend various Add-On courses that are best suited and of latest industrial relevance. RACE courses ensures students to engage in voluntary field experience to develop skills in their field of study. To empower the students towards widely felt needs of industry, research and development MoU's are signed with other institutions and corporate. This helps students to have better placement immediately after graduation. For exemplary performance of advanced learners, RCET provides GATE coaching during their final semesters. Also institute is taking initiative to develop the managerial and entrepreneurial skills of advanced learners. Students are also promoted to attend national/international level conferences and seminars. They are given opportunities

to attend competitions at university, state and national level and are awarded with scholarships for encouragement. Similarly advanced lessons are also identified in the beginning itself and they are groomed to be promising professionals by motivating them to attend conferences, seminars etc.

File Description	Document
Upload any additional information	View Document
Past link for additional Information	View Document

2.2.2 Student- Full time teacher ratio (Data for the latest completed academic year)

Response: 9.88

File Description	Document
Any additional information	View Document

2.3 Teaching- Learning Process

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Response:

Information & Communications Technology (ICT) enabled teaching methodologies and advanced technology is being followed by the faculty members in class rooms. KTU will publish its academic calendar at the beginning of every semester. Academic council of RCET publishes its own academic calendar in line with the KTU academic calendar which includes all the academic and non-academic activities of the semester. Academic plan with budget, lesson plan, lab manuals and question bank are made available to the student at the very beginning of the semester.

The use of multimedia teaching aids like LCD projectors, Over Head Projector (OHP) and tablets are available with the departments. The electronic resource packages like National Programs on Technology Enhanced Learning (NPTEL), Spoken Tutorial and Digital Library are also available. The faculty members effectively utilize Audio Visual aids to demonstrate the concepts to the students, using the resources from NPTEL to enhance the learning experience.

USB Hard disk containing web and video courses (offline) from NPTEL are accessible to faculty and students from the server installed in the library. These courses are the part of LMS. Sufficient number of books, Journals, e-journals and e-books are available in the library.

All the departments conduct seminars, workshops and guest lectures on the new developments in the core subjects for effective teaching and learning by the faculty members and students in each semester. Seminar hall is equipped with multimedia facilities using ICT tools. Invited talks are conducted in seminar hall using ICT facilities. RCET organizes international conferences to inculcate research aptitude

and presentation skills in student. To obtain industry exposure to the students, departments o industrial visit sand promote them to participate in industrial training and internships.

- RCETorganizestechnicalfestivalineveryyearinordertoexhibitandupholdtechnicaltalentsofstudents. expos, exhibitions and technical events are organized by the students with the support of facu technical staff. Students from other engineering colleges and poly techniques are also inv participate in the competitions. Cash awards and certificates are awarded to appreciate the winners. management provides all the financial support for the smooth conduct of Tech fests.

- RCETcreatesanenvironmentthatcanincorporateinnovativeideasintheprojectsofstudents.Students are encouraged to take up innovative projects and also to participate in project competitions and idea presentation organized by other institutions/ organizations. IEDC club of RCET also supports the students by providing funds for their project development.

SDPK is a unique initiative of the Department of Electronics & Information Technology, Government of Kerala implemented through the Special Purpose Vehicle, KSITIL, with ICTAK playing the role of the operating partner. The vision of SDPK is to impart industry-relevant employability skills to engineering and graduate students across the state. RCET is one among the first 20 institutions under KTU to set up SDPK lab with government funding.Opportunities to interact with eminent personalities in the engineering field are given to students through exclusive programmes like RACE and AIM of RCET.

File Description	Document
Upload any additional information	View Document
Link for additional information	View Document

computer/ laptops/ tablet systems are usually in use in classroom.
The electronic resource packages like NPTEL, Spoken Tutorial and Digital Library are available. The faculty members effectively utilize Audio Visual aids to demonstrate the concepts to the students using the resources from NPTEL to enhance the learning experience.

USB Hard disk containing web and video courses (offline) from NPTEL are accessible to faculty and students from the server installed in the library. These courses are the part of LMS. This is also available on local Server.

Sufficient number of books, journals, e-journals and e-books are available in the library.Seminar hall is equipped with multimedia facilities using ICT tools. Invited talks are conducted in seminar hall using ICT facilities.

ICT is often associated with sophisticated technologies. But ICT also includes the conventional technologies, such as radio, television and telephone. In today's networked society, the technology used is often blended, and RCET use multiple technologies simultaneously.

Through the application of ICT, one can reduce the impact of space, time and distance. SDPK is a unique initiative of the department of Electronics & Information Technology, and the vision of SDPK is to impart industry-relevant employability skills to engineering, polytechnic and graduate students across the State. ICT enabled tools in SDPK LAB are Interactive Digital Board with ,Brightness (Typ.): 410 cd/m², Touch Type: In Glass, Ultra High Definition Interactive Screen : 86TR3E,Multi touch point: Max 20 Point, Interface: HDMI(3), DP, DVI, RGB, RS232C, RJ45, USB(2), OPS USB, Touch USB(2),Wi-Fi Built-in, Telepresence uses high-definition equipment to replicate face-to-face communication virtually. The interactive system uses a video wall incorporating multiple cameras, touch - enabled screen, directional speakers, microphones and monitors to create life- like visual and audio clarity.

College is having an IIT Bombay Remote center for conducting workshops and seminar online . RCET also conducts programmes under T10KT Program for teachers sponsored by the National Mission on Education through ICT (NMEICT), MHRD, Govt. of India.

File Description	Document
Upload any additional information	View Document
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View Document

2.3.3 Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 Number of mentors

Response: 115

File Description	Document
Upload year wise, number of students enrolled and full time teachers on roll.	View Document
mentor/mentee ratio	View Document
Circulars pertaining to assigning mentors to mentees	View Document

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Response: 100

File Description	Document
Year wise full time teachers and sanctioned posts for 5years(Data Template)	[View Document](#)
List of the faculty members authenticated by the Head of HEI	[View Document](#)
Any additional information	[View Document](#)

2.4.2 Average percentage of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Super speciality / D.Sc. / D.Litt. during the last five years (consider only highest degree for count)

Response: 1.87

2.4.2.1 **Number of full time teachers with *Ph. D. / D.M. / M.Ch. / D.N.B Super speciality / D.Sc. / D.Litt.* year wise during the last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
2	2	6	1	1

File Description	Document
List of number of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. and number of full time teachers for 5 years (Data Template)	[View Document](#)
Any additional information	[View Document](#)

2.4.3 Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)

Response: 3.94

2.4.3.1 **Total experience of full-time teachers**

Response: 401.7

File Description	Document
List of Teachers including their PAN, designation, dept and experience details(Data Template)	View Document
Any additional information	View Document

2.5 Evaluation Process and Reforms

2.5.1 Mechanism of internal assessment is transparent and robust in terms of frequency and mode Response:

RCET strictly adheres to the course and examination schedule and patterns prescribed by the university and the entire process is transparent and robust in terms of frequency and mode. Course and learning effectiveness of each student is assessed through assignment and class tests on an ongoing basis in the formative assessment process. Internal examinations are conducted strictly as per the schedule and frequency prescribed by the university. At the beginning of the semester detailed course plan is declared in the course/ class committee in which students, teachers and HODs are also there. This enables the students to be aware of the schedule of series test well in advance. In addition, test dates are also communicated by mail. In addition to that all important dates related to examination, submission of assignments and publication of marks are included in the college academic calendar. During the course, teachers explain to students the pattern and model of questions. The questions prepared by faculty are evaluated by the Department Advisory Board (DAB) to ensure content, coverage and difficulty level. The question papers so prepared are handed over to internal examination center in sealed cover. After evaluation of the papers by the respective subject teachers, evaluation pattern/ scheme of valuation is explained to the students and the evaluated answer papers are distributed. Students are free to report any sort of complaint in the scheme of valuation or awarding of marks. Complaints if any are sorted out by the teacher after explaining the process to concerned students. In cases where complaint could not be

sorted out by the subject teacher it will be resolved by intervention of HOD/DAB. After this, marks scored by all the students are published on the notice board and then to AMS. Normally two series tests are conducted for each subject in a semester. However in order to help those students who could not attend any one of the series test, for reasons beyond his control one more improvement test is conducted. Before each laboratory experiment the respective procedures are explained to the students step by step in the class. The cycle of experiments batch wise is informed to the students so that they will be aware of the experiment to be done in advance. After completion of the experiment every day performance based evaluation combined with viva voce is done by the staff in charge on day to day basis. Internal marks are awarded based on the marks secured by the students in the series examinations and assignments for theory and practical examinations. After finalizing, internal marks are published in the student notice board, if any disputes arise regarding the internal marks awarded it is explained and sorted out at the earliest. The marks scored by the student at the end of the semester are uploaded to AMS and KTU mark entry portal. Based on this university as certain eligibility of each student to appear for the final examination by virtue of obtaining minimum score stipulated for sessional.

File Description	Document
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

2.5.2   Mechanism to deal with internal/external examination related grievances is transparent, time- bound and efficient

Response:

RCET has an internal evaluation system which is very systematic and transparent. Mainly internal examinations are conducted to evaluate the progress of the students in their subjects. Two tests namely series test 1, and series test 2 are conducted in addition to the assignments and tutorials. Series tests are conducted in a same pattern as that of university examinations. The dates of examinations are declared well in advance and the portions to be studied, model of the question paper, evaluation pattern will be explained neatly to the students together with the importance of scoring good sessional marks. The valuation and results publication are also done in time according to the course plan prepared. Any clarification related to the series test can be enquired with DCOE's (Department Controller of Examinations) of concerned departments. Irregularities in college level examinations, marks, deficiency in teaching pattern or allocated time, complaints about series test

question papers etc are addressed at the college grievances and appeals committee. This committee consists of the senior most member of the institution as convener, faculty members from each department as members and student members. All grievances are handled by the student grievance committee and internal examination committee. A candidate who wants revaluation or any clarification on his marks scored can approach the concerned faculty first. A faculty will be there as mentor for the students to whom he can share his grievance and the faculty will counsel the candidate. If not satisfied, the student can file the complaint to the grievance cell. The cell is framed with proper guidelines anticipating various grievances/ complaints. Such complaints will be disposed within maximum of two days. Students can also represent their grievances in class committee, to class teachers, HOD / Principal/ Manager directly or through proper channel. It is actually 3 Tier systems with course faculty, class teacher and HOD, college level grievances and appeal committee respectively. Issues connected to university examinations, schedule of valuation, mark sheets, certificates etc are addressed - at the university level, based on complaints received. It will be forwarded through proper channel with comments / recommendations to the higher authorities depending on the nature and circumstances. The student has to apply for revaluation and the valuation will be 100% external. The revaluation results will be announced within a few days. If the revaluation marks is lesser than the original marks, the original marks shall be retained. If the marks after revaluation are higher than the original marks by 10%, then the revaluation marks will be considered. For all these procedures counseling by the faculty/ department is only advisory in nature and it is not binding on the candidate's discretion.

File Description	Document
Any additional information	View Document
Link for additional information	View Document

2.6 Student Performance and Learning Outcomes

2.6.1 Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

Response:

The genesis of department Vision and Mission is the Institute Vision and Mission and are framed through a consultative process involving all the stakeholders. Programme Educational Objectives (PEOs) are broad statements that describe the career and professional

accomplishments, the students has to achieve during the course period so that immediately after the course, student will be ready for industries / organizations. The Department Advisory Board (DAB) considers Vision and Mission of institution and department as the primary basis for framing the PEOs. The Programme Specific Outcomes (PSOs) are formulated to meet the objectives of each programme. PSOs are specific in the capability of the student to design a system, to be a contributory participant as team member and understand how they accomplish the task at hand upholding the merits of sustainability.

Program Outcomes (POs), as stated by NBA, through graduate attributes represent the knowledge, skills and attitudes the students should have at the end of engineering program. 12 POs are defined for each programme.

The Course Outcomes(COs) are the briefing of knowledge and skills the student should acquires at the end of each course. It defines the cognitive processes a course provides. COs state what students are expected to know or be able to do upon the completion of a course. The university decides the different subjects for the students, which are to be covered in during the period as per the curriculum. All the subjects to be covered in the programme together shape and mould the students making them attain attributes which are at par with their counterparts worldwide. Before the commencement of the academic session, courses are allotted to the faculty members who are then responsible for identifying and formulating the COs. The DAB consisting of HOD, Module coordinator, Course coordinator and senior faculty members evaluates the Cos before the commencement of each semester. These COs, of all subjects then work as essential tool for the assessment of the POs. It is essential that the main stake holders, i.e., students be made aware of the impact of the COs. For this COs are readout in the class before the commencement of each semester and is published / displayed in the class notice boards, laboratories and walls. For each course, 6 COs are defined by mentioning Its cognitive level and its correlation with POs and PSOs. On commencement of each course, the teacher clearly communicates the COs and it's mapping with POs and PSOs to the students. The CO-PO mapping is included in the course file prepared by the teacher together with the course plan for the subject. On the completion of each course, the COs are validated by conducting course exit survey and remedial measures are taken for improvement of the subsequent batches. The performance of the teachers is analyzed after calculating attainment of COs, POs and PSOs on the basis of weightage of COs. Based on this future plans for continuous improvement is also planned by each department.

File Description	Document
Upload COs for all Programmes (exemplars from Glossary)	View Document
Upload any additional information	View Document
Past link for Additional information	View Document

2.6.2 Attainment of programme outcomes and course outcomes are evaluated by the institution.

Response:

At the beginning of each semester Cos are prepared for each subject including laboratory subjects, seminar and projects by the concerned faculty. This is verified by the Department Advisory Board and approved COs are to be mapped with POs. All the Course Outcomes (COs) are mapped with 12 POs and CO-PO attainment is also calculated. RCET has developed its own attainment format based on KTU instruction manual. The CSE department RCET took initiative under the guidance of IQAC RCET to develop the attainment format for all theory subjects, practicals, project and seminar. The sheets are circulated to all faculty members and are explained to all for more clarity in a common meeting.CO attainment and PO attainment calculation procedure given by KTU is used by the departments to calculate attainment. If the level of CO-PO attainment is not satisfactory, reasons for low level attainment are found out and required steps are taken for reaching the desired level of attainment in the next semester.

Attainment of Program Outcomes (POs) and Program Specific Outcomes (PSOs): Evaluation of POs and PSOs are based on the direct and indirect assessment tools. The direct attainment calculation of POs and PSOs are based on the CO attainment , obtained from university examination and internal assessment. For a particular course, the attainment of all the mapped POs and PSOs are found as the weighted product of CO attainment with the mapped level of Pos and PSOs of the course. PO and PSO attainments are calculated separately for university examination and internal assessment. The final PO and PSO attainments are obtained by giving a weight age of 20% to attainment obtained through university examination and 80% to attainment through internal assessment. Direct attainment level of a PO and PSO is determined by taking average of attainments of all the courses tools are shown in Fig. 2.6.2.
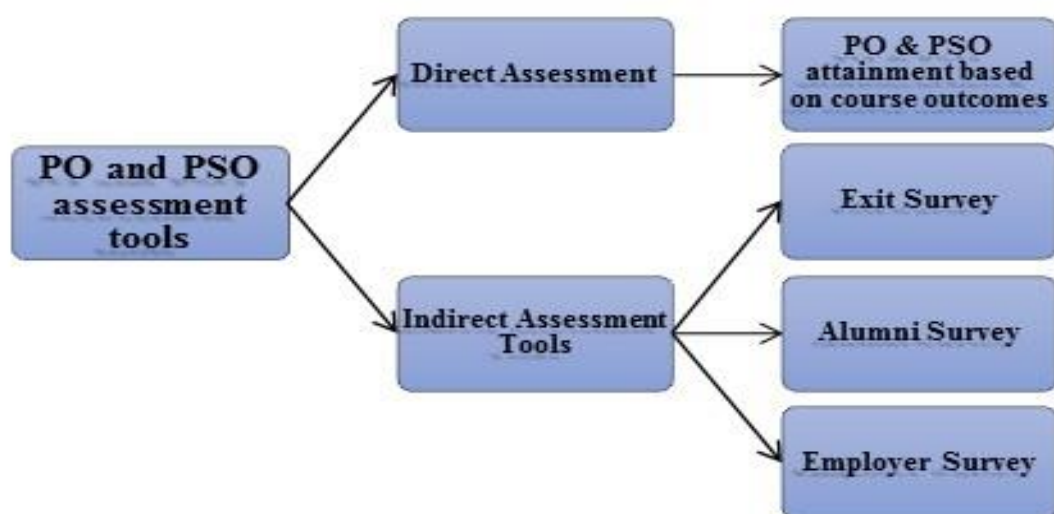
Fig 2.6.2:-Attainment calculation

Indirect attainment level of PO and PSO are determined based on the exit survey, alumni survey, employer survey and through PTA interactions.

Graduate/Exit Survey: After completion of the course, feedback from each student is collected for finding areas where overall improvement is needed in the course and curriculum.

Alumni Survey: Feedback which the institute utilizes for the betterment of the syllabus, infrastructure and other academic activities in the campus.

Employer Survey: The department maintains interaction with the employers of alumni with a purpose of getting the feedback .This is used by the department for making improvements in the syllabus during the subsequent syllabus revision, developing student habits.

In each survey, the respondent can give a score to each PO and PSO on a scale of 3. The average of all scores provides the indirect attainment. The calculation of final attainment is by having a weight age factor to the direct and indirect assessment. A weight age of 30% indirect assessment and 70% for direct.

File Description	Document
Upload any additional information	View Document
Paste link for Additional information	View Document

Royal College of Engineering and Technology
53

Response: 69.89

2.6.3.1 Number of final year students who passed the university examination year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
217	294	407	300	231

2.6.3.2 **Number of final year students who appeared for the university examination year-wise during the last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
360	469	504	408	268

File Description	Document
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View Document
Upload any additional information	View Document
Paste link for the annual report	View Document

2.7   Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response:

File Description	Document
Upload database of all currently enrolled students (Data Template)	View Document
Upload any additional information	View Document

CRITERION - III

RESEARCH, INNOVATIONS AND EXTENSION

Criterion 3 - Research, Innovations and Extension

3.1   Resource Mobilization for Research

3.1.1 Grants received from Government and non-governmental agencies for research projects, endowments, Chairs in the institution during the last five years (INR in Lakhs)

Response: 5.22

3.1.1.1 **Total Grants from Government and non-governmental agencies for research projects , endowments, Chairs in the institution during the last five years (INR in Lakhs)**

2018-19	2017-18	2016-17	2015-16	2014-15
2.24	0.36	2	0.62	0

File Description	Document
List of endowments / projects with details of grants	[View Document](#)
e-copies of the grant award letters for sponsored research projects / endowments	[View Document](#)
Any additional information	[View Document](#)

3.1.2 Percentage of teachers recognized as research guides (latest completed academic year)

Response: 0

3.1.2.1 **Number of teachers recognized as research guides**

File Description	Document
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)

3.1.3 Percentage of departments having Research projects funded by government and non government agencies during the last five years

Response: 13.16

3.1.3.1 **Number of departments having Research projects funded by government and non-government agencies during the last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
2	1	1	1	0

3.1.3.2 **Number of departments offering academic programes**

2018-19	2017-18	2016-17	2015-16	2014-15
7	7	8	8	8

File Description	Document
Supporting document from Funding Agency	View Document
List of research projects and funding details	View Document
Any additional information	View Document
Paste link to funding agency website	View Document

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

Response:

RCET has got a robust IEDC unit which has successfully created an innovative eco system right from inspiring students for out of the box thinking ,developing new ideas, transforming those into innovative products or services capable of bringing about perceptible changes in industry or society . IEDC further supports the innovators to lounge their start up ventures in coordination with bodies like Kerala Start Up Mission , KSIDC etc. Support is extended for raising capital , provision for infrastructure, channelizing material and other resources and creating platform for selling the products or services.

The IEDC is headed by a faculty member having required skill sets , initiatives and capable of coordinating with bodies. Students with extra inquisitiveness are identified and encouraged to develop novel ideas and are appreciated so that other students are also inspired to come out with more ideas. Opportunities are given to students to attend programmes like IEDC Summit, Industrial exhibitions, Seminars and presentations on emerging topics and haunting problems. Most of the innovations of RCET students have resulted in creation of new area /extension of knowledge and dissemination of the same to beneficiaries in the respective areas. The student project named " HHO Powered electricity Generator, Aqua-Gen" from IEDC RCET was chosen among 197 IEDCs from various colleges for exhibiting as part of IEDC SUMMIT 17. IEDC product named "Aqua gen" secured prize in "Best Expo award" (Interface 2017) during TATVA Techfest by NIT Calicut in association with IEEE Nasscom, Maker village, Kerala startup Mission and Fab lab. A product and start up Expo was organized by IEDC RCET on 27th October as part of Cognito 17 tech fest by RCET. Various colleges participated and

presented 14 different innovative products. Team IEDC RCET won second prize in National level project competition NAVRITI'18 under the theme "better Environment better future" at Marbaselous Christian College, Kuttikanam, Idukki. IEDC RCET app development and startup (Neuroid) team won second prize in App development competition named "Droid geek" conducted by College of Engineering Trivandrum during their techfest ONIX'18 on 17th of February. IEDC RCET funded product "HV Pulse Maker" secured Second Prize in Best Project competition during National level Techfest "Lumiere'18 at College of Engineering Kidangoor. Power Tech product of IEDC RECT won first prize in expo conducted by SSM polytechnic Tirur. "I am start up studio" by Channelliam is another colourful achievement by IEDC RCET. IEDC team won first prize with a cash price of 50000 rupees in Hardware Hackathon (24hrs) during innovation and entrepreneurship summit at FISAT. IEDC RCET was awarded with 2 lakh rupees by IDEAFEST 2018 under the mentoring of KSUM.

In short RCET in general and IEDC in specific groom the students to be technically oriented ,innovative , inquisitive and life long leaners with the aim of creation and transferring knowledge not only during the course period but throught life making them effective in their respective areas of working .

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

3.2.2 Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the last five years

Response: 28

3.2.2.1 **Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year-wise during last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
14	11	3	0	0

File Description	Document
Report of the event	View Document
List of workshops/seminars during last 5 years	View Document
Any additional information	View Document

3.3 Research Publications and Awards

3.3.1 Number of Ph.Ds registered per eligible teacher during the last five years

Response: 0

3.3.1.1 **How many Ph.Ds registered per eligible teacher within last five years**

3.3.1.2 **Number of teachers recognized as guides during the last five years**

File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	[View Document](#)
Any additional information	[View Document](#)

3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years

Response: 0.4

3.3.2.1 **Number of research papers in the Journals notified on UGC website during the last five years.**

2018-19	2017-18	2016-17	2015-16	2014-15
2	14	11	16	7

File Description	Document
List of research papers by title, author, department, name and year of publication	[View Document](#)
Any additional information	[View Document](#)

3.3.3 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

Response: 0.36

3.3.3.1 **Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year-wise during last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
4	12	9	20	0

File Description	Document
List books and chapters edited volumes/ books published	[View Document](#)
Any additional information	[View Document](#)

3.4 Extension Activities

3.4.1 Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the last five years.

Response:

Extension as a Value Inculcation Process : The students involving in various extension activities come to witness the hard realities of life. This gives them opportunity for experiential learning. RCET students are not just spectators but are actively involved in the interventions for social change applying their domain knowledge appropriately.The association of students with NSS,IEDC etc gave them enough opportunities to make them adaptive to challenging situations in life.

The extension activities complement and supplement the academic learning experience of students by strengthening the knowledge level, practical exposure, soft skills, aptitude and attitude, social commitment and inculcation of social and moral values that promote good citizenship. They develop empathy, life skills and imbibe social values during the process.

The core values promoted by the institution such as Ethical practices, gender equity, human values, national integration, awareness on environment and sustainability are acquired by students through the various extension activities.

However, integrating extension activities into curriculum delivery is a challenge due to constraints of time and schedule of examination. Still RCET is successful in ensuring the participation of students of all disciplines for various extension activities.

The result analysis of all institutions under this jurisdiction is prepared and circulated by the university which is elaborately discussed at college/department. Advisory board enabling comparison with peer institutions and sensitizing the management, administration and teachers about the requirement of focused attention and improvement in weak areas. The college is also following up various media reports, public comments and opinions of prominent personalities in the area about the functioning of RCET and is conscious about improving the image by taking suitable actions from time to time. RCET has always been working in cooperation with local authority, government agencies and public utility services etc.

TheNSStechnicalunit143ofRCEThassecuredthebestvolunteerawardcontinuouslyin2015,2016,and 2017 and special appreciation award in 2018 and 2019. RCET got large media appreciation for their commendable support and involvement in flood, rescue and relief activities in 2018 and 2019. Royal volunteers collected and distributed essential materials to flood victims. They took initiative to distribute blankets to poor people at tribal colonies and slum areas of Attappadi and Thrissur through a programme known as "Snehaputhappu". RCET involvement in "Swatch Bharath Mission" activities were not confined to the campus, but were spread to the surrounding localities by way of association with various

Institutions and organizations engaged in implementing cleaning programmes and sensitation programmes. RCET has also been involving in propagating energy conservation and clean energy programmes.

Programs for Neighborhood Community/ sensitisation to students by IEDC for holistic development includes , "A one day workshop on "Introduction to Robotics" at VVMHSS Marakkara powered byKerala Startup Mission, Support for science exhibition at Al Ameen School, Project Expo at Seethi Sahib Memorial vocational higher secondary school, Edakkazhiyur, Thrissur ,Computer Awareness programmes to school students and local kudumbasree unit.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

3.4.2 Number of awards and recognitions received for extension activities from government/ government recognised bodies during the last five years

Response: 20

3.4.2.1 **Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.**

2018-19	2017-18	2016-17	2015-16	2014-15
4	4	5	5	2

File Description	Document
Number of awards for extension activities in last 5 year	View Document
e-copy of the award letters	View Document
Any additional information	View Document

3.4.3 Number of extension and outreached Programmes conducted by the institution through NSS/ NCC/ Red Cross/ YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc.) and / or those organised in collaboration with industry, community and NGOs during the last five years.

Response: 84

3.4.3.1 **Number of extension and outreached Programmes conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year- wise during the last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
18	28	12	21	5

File Description	Document
Reports of the event organized	View Document
Number of extension and outreach Programmes conducted with industry, community etc for the last five years	View Document

3.4.4 Average percentage of students participating in extension activities at 3.4.3. above during last five years

Response: 64.15

3.4.4.1 **Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year-wise during last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
980	1200	836	1197	360

File Description	Document
Report of the event	View Document
Average percentage of students participating in extension activities with Govt or NGO etc	View Document

3.5   Collaboration

3.5.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year

Response: 24

3.5.1.1 **Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year-wise during the last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
10	7	7	0	0

File Description	Document
e-copies of related Document	[View Document](#)
Details of Collaborative activities with institutions/industries for research, Faculty exchange, Student exchange/ internship	[View Document](#)
Any additional information	[View Document](#)

3.5.2 Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the last five years

Response: 19

3.5.2.1 **Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
7	6	6	0	0

File Description	Document
e-Copies of the MoUs with institution/ industry/corporate houses	[View Document](#)
Details of functional MoUs with institutions of national, international importance, other universities etc during the last five years	[View Document](#)
Any additional information	[View Document](#)

CRITERION - IV

INFRASTRUCTURE AND LEARNING RESOURCES

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The Institution has adequate infrastructure and physical facilities for teaching-learning. viz., classrooms, laboratories, computing equipment etc.

Response:

RCET is spread over three blocks namely academic block, electrical engineering block and mechanical engineering block. College is having well equipped central library, administration block, canteen, ATM, hostel for girls and boys, sports, transportation, internet, gym, refreshment facilities, room for worshiping, department store, well planned maintenance system, excellent e- governance, sick room, dining hall for staff members, and well ventilated auditorium. In addition all departments are having their own laboratories, department library, project lab, tutorial rooms and conference halls in compliance with the AICTE specifications.

RCET is possessing infrastructure for placement, IEDC, NSS, women's club, technical societies, energy club, staff club etc. Mechanical block named as Decennial Block has a mechanical workshop which is a central facility for all B.Tech first year students. It houses carpentry shop, fitting shop, foundry shop, smithy shop to offer regular practical classes to B.Tech first year students.

All laboratories at RCET is having an internet connectivity of 40 Mbps.CSE department is having SDPK lab with 56 PCs, one LEDTV with audio system, two 6 KVA UPS, CSE has a project Lab with 40 PCs, 20KVA UPS shared with advanced programming lab and. CSE possess a programming lab named as IIT Remote center with 60 PCs, one LCD projector with audio system, two 6 KVA UPS .Computer lab of CSE is equipped with 60 PCs,20KVA UPS. Advanced programming lab of CSE is sound with 65 PCS, 20KVA UPS. EEE department is having its own block and the major highlight is its electrical machines lab with sufficient number which has got variety machines of higher manufactured by the leading supplier M/s.Kirloskar Motors Ltd. CE department is in the administrative block and has excellent laboratories to carry out consultancy services on material testing, and water quality test. The department possesses the prestigious device for high profile surveying instrument namely Total Station worth an amount of nearly 5 lakhs. ECE and AEI department in the administrative block have very good facilities for conducting VLSI experiments and DSP based projects. Under ASH department spacious chemistry and physics laboratories are functioning which has got well developed experimental set up and the department is taking care of language lab which is common to all branches.

RCET possesses 8 scanning machines, 39 printers and fax facilities. For maintaining reliable power supply RCET has 11kV substation and has 180 KVA Diesel generator set for campus load, 50 KVA and 15 KVA DG sets for base load and boys hostel respectively. RCET possess ICT enabled smart classes in order to have interactive mode of teaching learning for the benefit of students. For maintaining ambience in teaching learning RCET provide facilities to students with three bore wells, one for exclusively for boys hostel, second one for college and ladies hostel and third for gardening and landscaped area. R.O system is used for filtering drinking water. RCET also initiated energy conservation, water harvesting and waste management programs.

File Description	Document
Upload any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

4.1.2 The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga etc.

Response:

Royal College of Engineering and Technology (RCET) has the best facilities for nurturing sports, games (indoor/outdoor) ,gymnasium, yoga and cultural activities. All sports activities are stream lined, monitored and guided by the physical education department of the college .RCET has got a Sports and Physical Education department and a sports club for improving skills of students in sports and games, yoga and activities to build and maintain healthy body and mind. College is having a Football court 50×90 m2 , Badminton court 15x7m2, Kabaddi court 10×15 m2, Volley ball court 12×20 m2 . There is a fully fledged gymnasium working well in the campus. Interdepartmental tournaments and annual meets are organized to enhance competitive spirit, interaction with fellow, junior and senior students and teachers for developing friendship , team spirit and leadership qualities.

The Physical Education and Sports department strongly focuses on up gradation, physical and mental health of the individual player. The sports activities and achievements has helped many individuals to secure better job opportunity. The clean campus along with the natural gift of fresh air is a boosting asset, which motivates the player to perform better. The institute also promotes Yoga with the support of women's club RCET.

The tournaments like zone and interzone, like Football, Volleyball, Cricket, Basketball and Badminton are being conducted through the Department of Physical Education of RCET successfully with partial financial support from Management. The special coaching is given to the players selected for different events in the zone /All India Inter University sports items.

The Sports Department RCET is focusing strongly on improving coaching techniques, for both boys and girls through modern scientific approaches. Attempts are under initiation to generate more sports persons who are ready compete for international competitions.

A gym is functioning at the boys hostel under the guidance of physical education department where girls students also given opportunity to participate . The gym has been equipped with number of single and multi-stationed machines and other weight training accessories, to provide the students an arena to keep themselves fit. The college hosted 2019 APJ Abdul Kalam Technological University E-Zone Kabaddi tournament.

RCET also promotes cultural activities through its cultural fest named as "DHANAK" in every year with various conventional and modern types of arts form. Students are getting opportunity to showcase their talents through the celebration of festivals and commemorative days like Onam, Christmas, independence day , and other national festivals.

File Description	Document
Upload any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

4.1.3 Percentage of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc. *(Data for the latest completed academic year)*

Response: 46.51

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 20

File Description	Document
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	[View Document](#)
Upload any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

4.1.4 Average percentage of expenditure, excluding salary for infrastructure augmentation during last five years(INR in Lakhs)

Response: 82.78

4.1.4.1 **Expenditure for infrastructure augmentation, excluding salary year-wise during last five years (INR in lakhs)**

2018-19	2017-18	2016-17	2015-16	2014-15
116.65	218.81	267.80	314.19	282.17

File Description	Document
Upload Details of budget allocation, excluding salary during the last five years (Data Template)	[View Document](#)
Upload audited utilization statements	[View Document](#)

4.2 Library as a Learning Resource

4.2.1 Library is automated using Integrated Library Management System (ILMS)

Response:

Name of ILMS software	: LIBSOFT Solutions
Nature of automation	: Fully
Version	: 3.1
Year of Automation	2007

Royal College of Engineering and Technology (RCET) Central Library is spread over 618.12 Sq.m, with a collection of 27,800 text books ,54 journal titles, 859 e –journals of delnet and many more advanced facilities. The collection of books in the library include that of Indian and foreign authors .Library is centrally located in the campus for easy access with a seating capacity for 100 members, digital library comprising 10 systems with high speed internet access(40Mbps), reprography section, reading area etc. Dewey Decimal classification (DDC) system is followed for the classification procedure and this makes the book-search simple .Library was digitized in 2007 and was automated using LIBSOFT software which has features like OPAC (Online Public Access Catalogue), user statistics, and other advanced features. Library membership is open to students, staff and other faculties. Members also have access to technical magazines ,newspapers, university question papers, journals, back volumes of journals and periodicals including IEEE journals . The periodicals collection include those of national and international publishers. A special area is dedicated for the reference books. A sufficient collection of more than 3000 books are provided to the department libraries so as to keep the faculties and staff updated. The library also provide the students to run ahead of the competitive world, by providing a area in the library dedicated to books for competitive examinations like GATE , RRB, RBI,SSC, etc. These books covers topics on personality development, communication skills, quantitative aptitude, reasoning etc. The new self learning online platforms like SWAYAM, NPTEL, IIM online courses are also promoted through the digital library. A reprography section also operates within the library so that members can take photocopies, printouts of necessary data. The new arrival rack keeps the members updated with new additions to the library. Moreover a team of well qualified professionals are there to help out the members achieve the primary motive of data gathering .

File Description	Document
Upload any additional information	View Document
Paste link for Additional Information	View Document

4.2.2 The institution has subscription for the following e-resources

1. **e-journals**
2. **e-ShodhSindhu**
3. **Shodhganga Membership**
4. **e-books**
5. **Databases**
6. **Remote access to e-resources**

A. None of the above
B. Any 1 of the above
C. Any 2 of the above
D. Any 3 of the above

Response: A. Any 4 or more of the above

File Description	Document
Upload any additional information	[View Document](#)
Details of subscriptions like e-journals, e-ShodhSindhu, Shodhganga Membership , Remote access to library resources, Web interface etc (Data Template)	[View Document](#)

4.2.3 Average annual expenditure for purchase of books/e-books and subscription to journals/e- journals during the last five years (INR in Lakhs)

Response: 7.35

4.2.3.1 **Annual expenditure of purchase of books/e-books and subscription to journals/e-journals year wise during last five years (INR in Lakhs)**

2018-19	2017-18	2016-17	2015-16	2014-15
1.55126	1.96059	4.97243	13.02792	15.24449

File Description	Document
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the last five years (Data Template)	[View Document](#)
Audited statements of accounts	[View Document](#)
Any additional information	[View Document](#)

4.2.4 Percentage per day usage of library by teachers and students during the last completed academic year

Response: 18.02

4.2.4.1 Number of teachers and students using library per day over last one year

Response: 200

File Description	Document
Details of library usage by teachers and students	[View Document](#)
Any additional information	[View Document](#)

4.3   IT Infrastructure

4.3.1   Institution frequently updates its IT facilities including Wi-Fi Response:

At RCET frequent up gradation of IT facilities are done in order to have accesses to recently developed technical updates. In order to have online accesses to reputed institutions RCET made tie-up with IIT Bombay center, Kerala IT Mission and ICT academy. The students and staff are having facilities of Wi- Fi, internet, e-library, Edu-Home for hostels, Library counting system etc.

RCET is having 11 well equipped Computer Laboratories. Language lab is having 19 systems each with Intel dual core 2.8 GHz, 4 GB RAM, 320 GB HDD, Wipro H61 motherboard, 18.5 LED monitor, USB mouse and PS2 keyboard. Civil Engineering department has a **CAD lab** of 41 systems each with Intel dual core 2.8 GHz, 4 GB RAM, 320 GB HDD, Wipro H61 motherboard, 18.5 LED monitor, USB mouse and PS2 keyboard.

SDPK lab under CSE department is having 56 PCs ,1 smart LED TV with audio system, 1 UPS, 50 Mbps OFC provided by Kerala Vision network. **IIT Remote center** with 60 PCs,1projectorwith audio system, 1UPS and 40Mbps OFC provided by BSNL under NME scheme Net connectivity.

Internet lab is equipped with 60 PCs,1UPS and 40 Mbps OFC provided by BSNL under NME scheme connectivity.

Advanced programming lab of CSE is sound with 65 PCS,1 Ups and 40 Mbps OFC connectivity. Each have Intel Pentium E5500 Dual core 2.8GHz processor, 2GB RAM, ECSG41MXE Motherboard and 320 GB HDD. Lab also contains 3 no., 24 port switches 1 number , Emerson 20KVA UPS 36 numbers , 42 Ah Battery and an internet connectivity of 40 Mbps OFC provided by BSNL under NME scheme.

CSE department also have a **Project lab** with 40 systems. Each system have Intel Pentium G2030 Dual core 3.0GHz processor, 4 GB RAM, ECS G41MXE motherboard and 500 GB HDD along with 2 number of switches with internet bandwidth of 40 Mbps OFC provided by BSNL under NME scheme. ECE has **VLSI lab** with 32 systems. Each system have Intel dual core 2.8GHz processor, 4 GB RAM, 320 GB HDD, Wipro H61/ Gigabyte H61 motherboard, 18.5 LED monitor, USB mouse and PS2 keyboard. ECE department also have a **PG lab** with 23 systems. Each system has Intel dual core 2.8GHz processor, 4 GB RAM, 500 GB HDD, Wipro H61motherboard, 18.5 LED monitor, USB mouse and PS2 keyboard. **CAD Lab** of Mechanical Engineering department have 37 systems each with Intel Pentium G2030 3.00 GHz processor and,4 GB RAM and 500 GB HDD, Wipro H61 motherboard, 18.5 LED monitor, USB mouse and PS2 keyboard. EEE have a **Control Systems and Power Systems Lab** with 20 systems. Each has Intel dual core processor, 4 GB RAM and 320GB HDD Wipro H61 motherboard, 18.5 LED monitor, USB mouse and PS2 keyboard.

The college is equipped with 40 Mbps OFC leased line provided by BSNL under NME scheme connectivity, 40 Mbps OFC provided by Kerala Vision network and Wi-Fi internet connectivity. RCET provides ICT in teaching learning process through AMS and FMS system

File Description	Document
Upload any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

4.3.2 Student - Computer ratio (Data for the latest completed academic year)

Response: 1.76

File Description	Document
Upload any additional information	[View Document](#)
Student – computer ratio	[View Document](#)

4.3.3 Bandwidth of internet connection in the Institution

A. < 05 MBPS
B. 05 MBPS – 10 MBPS
C. 10 MBPS – 30 MBPS
D. 30 MBPS – 50 MBPS

Response: A. ?50MBPS

File Description	Document
Upload any additional Information	[View Document](#)
Details of available bandwidth of internet connection in the Institution	[View Document](#)

4.4 Maintenance of Campus Infrastructure

4.4.1 Average percentage of expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the last five years(INR in Lakhs)

Response: 82.78

4.4.1 Average percentage of expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the last five years(INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
116.65733	218.81817	267.80732	314.19813	282.17638

4.4.2 There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

Response:

RCET is having excellent physical ,academic and support facilities which are maintained and upgraded from time to time facilitating their proper utilization by students, teachers ,staff and also for special purposes by outsiders. The college campus is set up in a wonderful landscape of around *35* acres surrounded by lush greenery and serene topography merged into a calm and healthy atmosphere conducive for learning and teaching.   Permanent arrangements are made for maintenance, watering and maturing of lawns gardens, and the landscape of the institute. These are all common facilities and everybody inside the campus is required not to destroy or damage the ambience. It is the policy of RCET to upkeep and maintain the campus with excellent ambience and rich greenery.

RCET has enough well constructed buildings with facilities like smart classrooms ,neat and clean

Furniture, canteen, separate hostels for men and women sufficient number of toilets, washrooms, restrooms etc. The maintenance section of the college , takes care of repairs and maintenance of buildings furniture and fittings. Every department can report damages/ problems or other maintenance requirement to the maintenance in charge who will take care of the repairs after obtaining permission from the appropriate authority wherever required. Electrical maintenance section, water supply and plumbing section, civil maintenance section, fire fighting, rain water harvesting, bio waste management systems under separate responsibility heads.

The college has an 11KV Supply and substation with transformer and load break switch. In addition there are three generator sets of 180, 50 and 15 kVA. The following labs are solarised for the light load requirements-Electrical measurement lab, circuit lab, internet lab, geo- technical lab.

The Electrical Technicians attend routine maintenance and day to day breakdown works in addition to day to day complaints from hostels, staff quarters, canteen etc and also routine checkup of transformers, load break switch, generator sets, two passenger lifts, UPS Systems, breakdown maintenance and trouble shooting of faults in labs and college buildings, modification, additions and deletion of the existing installations.

The college has own drinking water filtering and treatment mechanism under R.O system with process for chlorination, filtering and UV light treatment before going to storage tanks which are cleaned and maintained from time to time. The plumbing technicians

undertake, daily washing of filters, periodical checking of functioning of dosing and pressure pumps, quality checking of filtered and treated water by civil department for various parameters, supply of treated water to college and hostels through water coolers, plumbing related problem fixing and resolving at hostels, canteen etc. Maintenance of sufficient maintenance inventories, regular cleaning of roof top water tanks, controlling of pumping operations .

Maintenance team under site supervisor undertake day to day repairs and maintenance of buildings, campus roads and peripherals. A well defined fire hydrant system is installed and subjected to regular checkup. DCP type fire extinguishers are kept in labs and other fire risk locations Sand buckets are kept in laboratories. There is a rainwater harvesting system installed to collect water from roof top. Biomass gas plant installed. The bio waste of canteen and hostels are fed into the biomass gas plant and the gas generated is used for cooking in the canteen. There are AMCs for maintenance of most of the equipments in the laboratories, computers, electrical fittings etc so that preventive maintenance is undertaken in such cases. In addition, if the user/in charge come across with some problem in the working of these items, it is recorded in a register marking time date etc and it is reported to the maintenance contractor for fixing the problem and time -bound upkeep .Other than the students, class rooms, computer labs etc are at times used for conducting competitive examinations, entrance test etc with the permission of the college administration.

The library is in charge of the who keeps control, upkeeps and replenishes it with required and latest publications, and also maintains record. The relative departments also furnish the list of books, periodicals, magazines etc to be purchased and the librarian places order for purchases after obtaining permission of appropriate authority depending upon the cost involved.

The Department library can be used by students and teachers of the department and General library by all students and staff and teachers. There is specified time slots for use of library. Students, teachers and staff can take home books and return as per the rules of library.

Quarters are provided to those staff members who opt for it. Students have the option to be day-scholars or avail hostel accommodation. Hostels are having resident wardens and matrons to monitor the affairs there and exercise control and supervision. Workers are engaged for daily upkeep and maintenance of these facilities.

The Department of Physical Education takes care of maintenance, upkeep, improvement and controls and supervision of utilization of these facilities. All students, teachers and staff are allowed to use these facilities subject to time schedule prescribed. In addition to regular cleaning and upkeep, required repairs maintenance etc are noted and executed by the Physical education department in coordination with Civil Department after obtaining

approval of appropriate authority.

The college has at present five under graduate courses and two PG courses . The aspirants can undergo these courses after availing admission as per the prescribed procedure.

The college administration take care of getting the approval for courses renewed, and improving the course and functioning standards of each departments. The respective departments take care of keeping the ancillary facilities live and updated and facilitates the students to avail these facilities on the basis of requirement. There are also facilities like, industry institutional tie up for internship and practical training, innovation/incubation centre for Entrepreneurship development. These activities are streamlined, controlled and maintained by specially identified teachers for this purpose for optimum utilization by students.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

CRITERION - V

STUDET SUPPORT AND PROGRESSION

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during last five years

Response: 9.35

5.1.1.1 **Number of students benefited by scholarships and freeships provided by the Government year-wise during last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
50	68	117	82	432

File Description	Document
upload self attested letter with the list of students sanctioned scholarship	[View Document](#)
Upload any additional information Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years (Data Template)	[View Document](#)

5.1.2 Average percentage of students benefitted by scholarships, freeships etc. provided by the institution / non- government agencies during the last five years

Response: 35.47

5.1.2.1 **Total number of students benefited by scholarships, freeships, etc provided by the institution / non- government agencies year-wise during last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
700	667	556	340	123

File Description	Document
Upload any additional information	[View Document](#)
Number of students benefited by scholarships and freeships institution / non- government agencies in last 5 years (Date Template)	[View Document](#)

5.1.3 Capacity building and skills enhancement initiatives taken by the institution include the following

    1.**Soft skills**
    2.**Language and communication skills**
    3.**Life skills (Yoga, physical fitness, health and hygiene**)
    4.**ICT/computing skills**

E. None of the above
D. 1 of the above
C. 2 of the above
B. 3 of the above
Response: A. All of the above

File Description	Document
Details of capability building and skills enhancement initiatives (Data Template)	[View Document](#)
Any additional information	[View Document](#)
Link to Institutional website	[View Document](#)

5.1.4 Average percentage of students benefitted by guidance for competitive examinations and career counselling offered by the Institution during the last five years
Response: 5.32

2018-19	2017-18	2016-17	2015-16	2014-15
58	40	26	127	163

Number of students benefited by guidance for competitive examinations and career counselling during the last five years	[View Document](#)

File Description	Document
Any additional information	[View Document](#)

5.1.5 The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases

1. Implementation of guidelines of statutory/regulatory bodies
2. Organisation wide awareness and undertakings on policies with zero tolerance
3. Mechanisms for submission of online/offline students' grievances
4. Timely redressal of the grievances through appropriate committees

E. None of the above

D. 1 of the above

C. 2 of the above

B. 3 of the above

Response: A. All of the above

File Description	Document
Upload any additional information	[View Document](#)
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	[View Document](#)
Details of student grievances including sexual harassment and ragging cases	[View Document](#)

5.1 Student Progression

5.2.1 Average percentage of placement of outgoing students during the last five years

Response: 29.14

5.2.1.1 **Number of outgoing students placed year - wise during the last five years.**

2018-19	2017-18	2016-17	2015-16	2014-15
58	40	54	127	163

File Description	Document
Upload any additional information	[View Document](#)
Self attested list of students placed	[View Document](#)
Details of student placement during the last five years (Data Template)	[View Document](#)

5.2.2 Average percentage of students progressing to higher education during the last five years

Response: 39.29

5.2.2.1 **Number of outgoing student progression to higher education during last five years**

Response: 99

File Description	Document
Upload supporting data for student/alumni	[View Document](#)
Details of student progression to higher education (Data Template)	[View Document](#)
Any additional information	[View Document](#)

5.2.3 Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: IIT/JAM/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.)

Response: 0.67

5.2.3.1 **Number of students qualifying in state/ national/ international level examinations (eg: IIT/JAM/ NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations, *etc.*)) year-wise during last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
1	0	2	1	0

5.2.3.2 **Number of students appearing in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT,GRE/ TOFEL/ Civil Services/ State government examinations) year-wise during last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
120	220	100	200	75

File Description	Document
Upload supporting data for the same	View Document
Number of students qualifying in state/ national/ international level examinations during the last five years (Data Template)	View Document

5.3 Student Participation and Activities

5.3.1 Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the last five years.

Response: 14

5.3.1.1 Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) year- wise during the last five years.

2018-19	2017-18	2016-17	2015-16	2014-15
2	2	5	5	0

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national/international level during the last five year	View Document
e-copies of award letters and certificates	View Document
Any additional information	View Document

2018-19	2017-18	2016-17	2015-16	2014-15
82	63	60	60	60

5.3.2 Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities following duly established processes and norms

 (student council, students representation on various bodies

Response:

Out of the total number of people in an educational institution, students constitute almost 90-95%, the remaining being teaching, administrative and supportive staff. For the same reason active involvement of students and driving them to be passionate about Vision and Mission of the college is very crucial for successful performance of the institution. At RCET the students have due representation in various committees,council,associations and other bodies. Regulating and streamlining administration, curricular, co-curricular and extracurricular activities. The committees are formed for each activity with student presentation.

The students are taking major role in association activities of Engineering departments. In association banner they organizes technical workshops, symposium etc. they also organizes recreation activities and games in coordination with entire departments.

Students are active in professional societies where through which they are getting opportunities to mingle with students and eminent personalities of other state institution through which they are able to develop leadership qualities, efficient communication skills and national integration attitude. RCET students involve in various clubs like energy club, sports club, women's club, film and photography club, news letter and technical magazine club, SSSDF, NSS, IEDC and arts and tech fest committee. They are also getting opportunities in involving students'welfare, students' grievance and appeals committee, anti ragging cell and Women Complaint's Commission (Internal Complaints Cell).

The student representation in administration starts with class representative, class committee ,course committee in which they play commendable role in smooth conduct of the course , effective teaching method through appropriate communication with the teachers , timely completion of the course and portions, volunteering for extra classes, informing deficiencies in equipment and infra structure etc ,thus simplifying the efforts of college management and department heads , in student and class administration.

The college union elected in a democratic way sphere heads many of the co curricular and extracurricular activities like Tech fests, conferences, workshops, hands on trainings, Arts festival ,sports activities ,social outreach programme, industry interaction ,etc. For all these activities the student coordinators chalk out the programme, presents before staff coordinator, HOD, Principal etc and finalizes after incorporating their suggestions .Further they themselves organizes rest of the programme including mobilization of funds/sponsorships,divisionofworksandresponsibilities,monitoringprogressofpreparationandconduct ,winding up of the programme, settlement of bills, restoration of programme site etc, thus fully engaged themselvesintheseactivities.Duringthelastthreeyearsanumberofprogrammeswereundertakenby /with full involvement of students. In tech fests , sports activities, IEDC and NSS , RCET students are fully active and are getting appreciations from governmental and non governmental agencies.

(http://royalcet.ac.in/tech-fest/),(http://royalcet.ac.in/sports-royal/)

(http://iedc.royalcet.ac.in/)(http://royalcet.ac.in/nss/)

File Description	Document
Upload any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

5.3.3 Average number of sports and cultural events/competitions in which students of the Institution participated during last five years (organised by the institution/other institutions)

Response: 65

5.3.3.1 **Number of sports and cultural events/competitions in which students of the Institution participated year-wise during last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
82	**63**	**60**	**60**	**60**

File Description	Document
Upload any additional information	[View Document](#)
Report of the event	[View Document](#)
Number of sports and cultural events/competitions in which students of the Institution participated during last five years (organised by the institution/other institutions (Data Template)	[View Document](#)

5.4 Alumni Engagement

5.4.1 There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Response:

The main intention behind RCET Alumni is to provide valuable services to the member who ultimately helps to enhance the glory of the institution. It helps to provide a platform which enables to establish a link between the alumnus, management, faculty and students. RCET Alumni Association is formed in 2007 and there are around 1000 active members, with the aim to unite the alumni's of Royal College of Engineering and technology for the welfare of RCET.

It is a global platform to share their experience and maintain a healthy relationship with each alumni's throughout their life. The Alumni association often render financial aid and scholarships to deserving students.

The RCET Alumni Association is now clustered in different areas as:

1. RCET Alumni Association UAE-ERA(Emirates Royal Alumni)
2. RCET Alumni Association Chennai
3. RCET Alumni Association Bangalore
4. RCET Alumni Association

Qatar ALUMNI INITIATIVES

1. Provided financial support for Ms. Jineesha Cheeran, one of the RCET student, for her two year studies (in 2015)
2. Contributed liberally to provide financial support to one of alumni Mr. Lijohn John of RCET who suffered from chronic kidney disease (in 2018)
3. RCET recently received a Ford Ecosport car for study purpose from Ford India Pvt. Ltd.
4. One of our alumni's MrSubhash Kanjanghat, (2003-2007 batch) Secretary of RCET Qatar chapter took sincere efforts in this regard

OBJECTIVES OF ROYAL ALUMNI ASSOCIATION

1. Organizes Alumni meetings to bring together the Alumni of RCET
2. To provide job opportunities to students of RCET
3. Alumni play a significant role by participating in programmes like mentoring students in areas where they are expertising.
4. RCET Alumni helps poor and meritorious students by providing scholarships to deserving students.
5. Royal Alumni association provide career guidance to students of RCET
6. Alumni helps to develop a network of Royal students hence becoming ambassadors of the institution.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

5.4.2 Alumni contribution during the last five years (INR in lakhs)
E. <1 Lakhs
D. 1 Lakhs - 3 Lakhs
C. 3 Lakhs - 4 Lakhs
B. 4 Lakhs - 5 Lakhs
Response: A. ? 5 Lakhs

File Description	Document
Upload any additional information	View Document
Link for any additional information	View Document

CRITERION – VI

GOVERNANCE, LEADERSHIP AND MANAGEMENT

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance of the institution is reflective of and in tune with the vision and mission of the institution

Response:

The Vision of RCET is:

"To continuously grow as a, **R**esourceful, **O**utstanding, **Y**outhful, **A**daptive institution in the field of engineering and technology habituating, **L**ifelong learning."

The Mission is :

"To groom the youth into eminent technocrats With lifelong learning skills to meet future requirements, deep sense of social responsibility, strong ethical values and global outlook, to face the challenges of the changing world."

Resourceful: From the very inception in 2003, RCET has been successfully improving the physical infrastructure of the campus including, buildings, laboratories, library, echo friendly ambience, hostel facilities , in addition to qualified and committed teachers. There are also platforms for skill development, off-syllabus projects, industrial and social interface, paper presentation facilities and alumni interaction. In short, RCET has displayed excel entleadershipinprovidingandmaintainingthebestresourcesforlearners and teachers for teaching in tune with it's Vision.

Outstanding: RCET is continuously on its efforts to be an outstanding institution among the peers. In terms of academic excellence, the college has always been recording good results and has produced many rank holders in different years. RCET is known for its social activities, attracting media attention for it's social outreach and services to the society through student groups like NSS, IEDC and SSSDF . As a further step, the college is getting ready for accreditation of prominent agencies. All these indicate excellent leadership and effective governance aimed at continuous growth and sustenance as an outstanding institution.

Youthful: To support and maintain vibrancy in the campus in terms of presence and excellence in all academic and non academic activities, the college campus is always youthful and a happening place among peer institutions whether it is social outreach,

industry interaction, innovation, entrepreneurship development, arts or sports. The college administration and management ensure provision of all the required facilities, like indoor and outdoor stadium, games, setting up of arts and sports councils, organizing and hosting tournaments, celebration of festivals and special days etc

Adaptive: The world is changing everyday in terms of scientific and technologi advancement, innovations, priorities, necessities and comforts of life. In a continuou changing world any individuals or institution should be resilient to adversities, and adaptable changes in order to survive and be successful. It is the aim of RCET to be adaptable a anticipative to changes in place and expected, on a continuous basis.

Lifelong Learning: Due to the fact that changes are taking place in every field on a day too basis and still the presence of vast unreached areas of knowledge, every individual has update and improve his knowledge on a continuous basis in the present competitive world. this context, technical institutions are duty bound to groom their students as lifelong learn and transform them to develop learning as a habit. The aim is a paradigm shift from the attitu towards learning from a mere means to secure a certificate or a job, to one of acquiring a updating knowledge continuously to be competitive and resourceful throughout life.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

6.1.2 The effective leadership is visible in various institutional practices such as decentralization and participative management

Response:

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

6.2   Strategy Development and Deployment

6.2.1 The institutional Strategic / Perspective plan is effectively deployed

Response:

RCET is always keen on its Vision of becoming Resourceful, Outstanding, Youthful, Adaptive and developing the spirit of Lifelong learning. In order to achieve this goal and sustain it, exhaustive planning is required with a long term perspective. RCET is already on the track having initiated the perspective plan. In order to achieve the goals of perspective planning a number of strategic planning is required with regard to various contributory parameters.

RCET's strategy for "**EMPOWERING STUDENTS FOR EMPLOYABILITY**" is one of the activities successfully implemented. With the aim of increasing practical capability of the student, the college has developed IEDC, AIM, skill development initiatives, tech fests, project expos etc. As a result of these efforts, the outgoing graduates of RCET are either getting immediate employment or starting their own entrepreneurship activity, thus ensuring almost 100 % successes in getting placed in the form of either employment or entrepreneurship. The following are the major activities deployed for making students employable.

RACE:RACE is established in 2016. It is the results of extreme hard work by a dedicated team of ROYAL'ians. Their vision is to "To be a pioneer in Engineering and to create engineering experts with social responsibilities for global industry needs". This team identifies various Add-On courses for students that are best suited, and of latest industrial relevance. RACE courses Ensure the students to engage in voluntary field experience to develop skills in their field of study) . Enhanced employability through RACE is 18.5 in 2016-17, 40 % in 17-18 and 15.5 % in 18-19.

IEDC is an innovation ecosystem at RCET by providing all the requirements for idea generation, development of such idea in to products and services and for commercialization of the products through start up ventures. For acquiring this, IEDC has developed its own vision which is "to contribute to society through excellence in technology by delivering better solutions for the problem statements through product development and innovations".

Initiatives through IEDC:

- TrueBit Technologies 2017 Electronics service based
- Rxn Technologies 2018 Hardware product/Service based
- ConVirt Civil AR VR based start up.
- IT companies
- Patent support from KSUM

Success Stories: Government Polytechnic college –Palakkad and Calicut University Sports hostel were registered on Edu-HorM App by Mr.Kiran .C student of S8 CSE-RCET for their hostel management.

Skill Development: RCET provides opportunities to undergo a series of off- syllabus courses, industry and social interface and development of all the required skills for the students to enter the industry/society directly from the college as full fledged professionals. The Goal of conducting skill development programs at RCET is to skill the youths for trending employment platform and also to improve their entrepreneurship skills.

RCET facilitates the following skill development in technical, nontechnical and soft skill areas:

- Debate & Group Discussion
- Positive Attitude Build Up
- Language Training
- Confidence Up-liftment
- Stress Management
- Mentor- Mentee Relationship
- Aptitude Training
- Yoga Sessions Portray
- Workshop PPT Presentation
- English Quiz
- Add on programs Certification courses
- Interaction with masters

File Description	Document
Upload any additional information	[View Document](#)
strategic Plan and deployment documents on the website	[View Document](#)
Paste link for additional information	[View Document](#)

6.2.2 The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

Response:

The efficiency and effectiveness of RCET is reflective in its policies, administrative setup, appointment and service rules, procedures, etc. To be effective any institution has to function based on clearly set policy guidelines. RCET has its own polices on various aspects of the institutional functioning in tune with the policy guidelines of the university and AICTE and also the Vision and Mission of RCET.

For example the following are some of the laid down policies:-

HR Policy, maintenance policy, admission policy ,purchase policy, resource mobilization policy ,security services ,bus service policy, canteen, housekeeping, hostel and R & D policy .
Based on the needs and requirement, policies are discussed and formulated by the governing body

and recommended to the management committee for approval. On approval, the policies will be circulated for implementation. The position of governing body and board of directors can be understood from the organogram .

Administrative set up: The administrative set up of RCET is more or less similar to other engineering colleges. The highest body of the institution is the Board of Directors. The main bodies of the college which discusses the various activities to be covered, issues and policy updating matters are the governing body and academic council. Governing body meets minimum twice in a year whereas Academic Council meets once in a week and also on emergency matters.

Director Board constitutes President, General secretary, Treasurer, Senior Vice president, Secretaries (3), Executive Director, Directors (4).The Director Board and CEO heading the administrative set up manages financial section with the support of the principal. All academic related functions and people are supervised, directed and controlled by the principal and all non academic functions and the people responsible for those functions are under the administrative manager.

The major functions/functional staff coming exclusively under the Principal are Director IQAC, Director Training & Placement, Director Physical Education, Director CCE, Dean UG & PG ,Dean student affairs, Dean R&D, Head of the Departments, Librarian, various committee coordinators, Hostel Warden and Controller of Examination (CoE).

The functional staffs supervised by the administrative manager are transport officer, purchase head, store keeper, office assistant /HR section, office assistant /students section, office attenders, site supervisor, maintenance engineer, security chief, canteen / cleaning supervisor etc.

The institution strictly adheres to the policies formulated on purchase, salary, store and maintenance.

File Description	Document
Upload any additional information	View Document
Link to Organogram of the Institution webpage	*View Document*
Paste link for additional information	*View Document*

6.2.3 Implementation of e-governance in areas of operation

      1. Administration
      2. Finance and Accounts
      3. Student Admission and Support
      4. Examination

E. None of the above
D. 1 of the above
C. 2 of the above
B. 3 of the above
Response: A. All of the above

File Description	Document
Screen shots of user interfaces	View Document
ERP (Enterprise Resource Planning) Document	View Document
Details of implementation of e-governance in areas of operation, Administration etc	View Document
Any additional information	View Document

6.3 Faculty Empowerment Strategies

6.3.1 The institution has effective welfare measures for teaching and non-teaching

Staff Response:

Welfare includes anything that is done for the comfort and improvement of employees and the following are some of the welfare measures implemented in RCET for teaching and non-teaching staff:

1. RCET provides excellent infrastructure and conducive environment for working in the campus.
2. The institution provides decent accommodation and canteen facility those who opt for it.
3. It also provides transportation facility to teaching and non teaching staff at concessional rates.
4. ThecollegehasinstitutedacontributoryprovidentfundandESIfacilitiesfortheemployees including teaching and non teaching staff.
5. RCET has an Internal Complaints Commission (ICC) to protect the interests and to ensure security and dignity for women.
6. RCET has installed drinking water coolers at different locations and coffee winding machine for staff and students.

Staff Club: RCET has a very active staff club for staff and non teaching staff. It is engaged in the following activities for the welfare of staff. The staff club

1. Intervenes, discusses and finds out resolution for problems or issues faced by the staff members.
2. Extends financial help for expensive medical treatments, marriage, death etc in addition to direct help by the management.
3. Organizes family tour, cultural programs in connection with festivals, family meet etc.

Fund for entertainment activities: A college has set up a special fund for entertainment activities of staff.

Job for dependents: RCET management has been considering appointment of dependents of staff died in harness.

Maternity leave: 3 months maternity leave with salary is allowed for the staff.

PhD leave: The college encourages acquisition of higher qualification like PhD under Quality improvement programs. Duty leave is granted for contact period. They are also offered higher posts on acquiring higher qualification subject to availability of vacancy.

Conferences: Providing duty leave for attending conferences, workshops and seminars.

Permission for early leaving to meet exigencies : Staffs are permitted to leave to meet exigencies, by the principal, in addition to provision for leaving at 3.00PM monthly 2 days.

Special Facilities for Muslim community staff: To follow their religious custom, Muslim staff members' lunch interval is extended to two hours on Friday. Further separate prayer rooms are also provided for them.

Gymnasium facilities: The college has maintained a good gymnasium which can be used by all staff members free of cost.

RCET has been able to get an ATM installed adjacent to the main gate. There is a hospital very near to the campus and RCET has entered in to tie up with them for urgent emergency services as well as for normal treatment. The college has a special ambulance model A/C vehicle for using in emergency.

Recreation Club: The college has a recreation cum sports club which enables staff members to participate in all types of sports, games and other recreational activities.

Salary Advance: Depending upon the nature of needs RCET has got a scheme of advance salary, thus helping the staff meet their urgent monetary requirements.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

6.3.2 Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Response: 48.07

6.3.2.1 **Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
56	68	57	76	40

6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years

Response: 5.8

 6.3.3.1 **Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff year-wise during the last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
2	3	6	6	12

File Description	Document
Upload any additional information	[View Document](#)
Reports of the Human Resource Development Centres (UGC ASC or other relevant centres)	[View Document](#)
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff	[View Document](#)

6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).

Response: 67.61

6.3.4.1 **Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course year-wise during the last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
74	107	64	106	65

File Description	Document
Upload any additional information	[View Document](#)
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	[View Document](#)
IQAC report summary	[View Document](#)
Details of teachers attending professional development programmes during the last five years	[View Document](#)

6.3.5 Institutions Performance Appraisal System for teaching and non-teaching staff

Response:

RCET has a robust performance appraisal system in place, in order to capitalize the strengths and improve up on the weaker areas of every staff in the campus. Every teaching and nonteaching staff submits their individual SELF APPRAISAL REPORT to the HOD annually. HODs submit their self appraisal to the Principal, during the end of each Academic year. In every semester a half yearly report called the "END SEMESTER REPORT" is submitted by the staff to the HOD and by the HOD to Principal. Performance appraisal reports give qualitative assessment of a faculty member on the following major categories:

1. Evaluation by the HoD based on self appraisal - 50
2. Evaluation by the HoD based on overall performance -20
3. Evaluation by FAC based on students feedback - 30

Actual performance is measured against the Targets and Benchmarks. Based on evaluation by HOD the performance levels of various teachers are reported to the Principal .

Similarlyallnon- teaching staff submit their self appraisal to the administrative head who in turn evaluates the same, submits his observations and report to the Principal. The Principal, after analyzing these reports discusses the same with the management along with discussion on the over all performance of the institution so as to initiate steps for improvement.

Performance Appraisal Formats for teaching and non-teaching are shown below:

FACULTY APPRAISAL – Summary Data of Evaluation Components

Name of faculty member   :   ……………………….

FACULTY APPRAISAL -- Summary Data of Evaluation Components

Name of faculty member: _____Acad. Year _____

Designation:_____Department: _____

Date of joining RCET:_____Date of previous Increment: _____
_____

Component	Max. Points	Earned Points
1. Evaluation by the Head of the Department based on self-appraisal of **I**ndividual **D**evelopment **P**lan	30	/30
2. Evaluation by the Head of the Department based on overall performance	20	/20
3. Evaluation by the students based on course offering	25	/25
4. Evaluation by the **F**aculty **A**ppraisal **C**ommittee (FAC)	25	/10

The grading scale

A	90 - 100	**Total Points**	**100**	**/100**
B	80 - 89			
C	70 - 79			
D	60 - 69	**Signature:** _____		
F	0 - 59	**Faculty Appraisal Committee (FAC) Chair**		
		(Principal)		

FACULTY APPRAISAL -- Evaluation by the Faculty Appraisal Committee (FAC)

_____

Teaching	(25 points)	_____/25
Research	(25 points)	_____/25
Service	(25 points)	_____/25
Other	(25 points)	_____/25

Total ------/100

Recommended by

_____

Principal (FAC Chair)

FACULTY APPRAISAL – Confidential Evaluation by the HoD

Name of faculty member:_____Academic year: _____

Designation: _____Date of Joining RCET:_____

Department: _____
_____

Teaching

1. Dedication to the academic profession	___/10
2. Effectiveness in teaching (Student performance in the university exam.; communication skills, knowledge of subject, class preparation)	___/10
3. Preparation, publication and utilization of educational aids to increase efficiency of instruction; associated activities	___/10
4. Innovative approaches to improve quality and effectiveness of instruction	___/10

Scholarly Activities, Research & Publications

1. Proposals submitted for grants and contracts; presentations at conferences	___/10
2. Publications in refereed journals, books, etc.	___/10
3. Grants / Contracts received	___/10
4. Other scholarly activities (STTP, seminars, workshops, etc.)	___/10

Service to the Department, College & community

1. Contribution to the Department, to the College, and to the Community; proactive in promoting the mission of the college and the goals of the department.	___/10
2. Willingness and cooperation to undertake, help and to volunteer Departmental and College chores and assignments, responsibility, honesty, teamwork, commitment, discipline and diligence, positive attitude.	___/10

Total points

a =---/100

Total points out of 20, (a x 20/100)

=

_____

/ 20

Signature of HoD

Simultaneously with the hierarchical reporting and evaluation system of performance appraisal, Every reporting authority is engaged in face to face discussion with the subordinate to ascertain his strengths and weaknesses and also to improve in weak areas and take advantage of the strong ones.This appraisal system forms the basis for sanction of promotion and assignment of specific skill based responsibilities.

File Description	Document
Upload any additional information	View Document

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

RCET is an unaided self- financing institution ,depending on own sources of finance for running the institution .This necessitates, a very sound financial management , checks and measures for expenditure control, strategies to increase operational revenue and other source of funds, to be self- sufficient in financial matters, anda strong audit system.

1. Internal Audit:-Internal audit is being conducted regularly, culminating in a monthly report submitted by the auditors. It is a self triggered mechanism devised by the institution with the purpose of identifying , rectifying and plugging irregularities then and there so that maximum perfection can be achieved before the external audit conducted by professional chartered accountants annually.

2. External audit:-While internal audit is self triggered, external audit is more of the nature of verifying compliance of stipulations of various authorities like income tax department, government,local authorities, university, AICTE etc.

These audits normally cover verification of correctness of the following aspects :**Physical cash and bank balance verification, Voucher checking, Bank reconciliation, Purchases, Miscellaneous.**

In addition to all the above areas, the External audit covers the following aspects also.

1. The auditors verify whether tax deductions are effected at source as per the relevant laws and remitted to the government account within the stipulated time.

2. Cash and Funds flow: Cash flow, actual, and estimated for the next year, helps us verify the sufficiency of cash and bank balances for the day today requirements. Funds Flow statement helps the institution in ascertaining the future liquidity requirements for short as well as long term, and sufficiency of inflows to meet expected out flows for a specific period. The auditor covers it in his report as an important management alert/ Information.

The external auditor verifies various compliance requirements in addition to accuracy of books of accounts covered by internal auditor. Audited books of accounts become the basis for taxation, equity and debt raising. It reveals irregularities, gaps in accounting system and alert for the management and covers mandatory disclosures required by controllers/ stake holders.
       The external auditor also verifies the genuiness of receivables, creditors, expenditure, payments revenue accounting, depreciation and correctness of profit arrived at for the purpose of taxation, proper deduction and remittance of taxes, filing of tax returns and rectification of
previous audit irregularities. It   incorporates valuable suggestions for the management for better performance, compliance etc

 Process of settling irregularities: Monthly Internal Audit observations are attended and

irregularities are rectified without delay. There is a committee chaired by the Principal, Accounts Department Head, and Management, which observes the irregularities pointed out, ensures rectification by the responsible official and also initiates steps to plug loopholes to avoid repetition and plan for improvement and perfection in future, covering all aspects appearing in the audit.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

6.4.2 Funds / Grants received from non-government bodies, individuals, philanthropers during the last five years (not covered in Criterion III)

Response: 0

6.4.2.1 Total Grants received from non-government bodies, individuals, Philanthropers year wise during the last five years (INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	0	0	0

File Description	Document
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the last five years	View Document
Annual statements of accounts	View Document

6.4.3 Institutional strategies for mobulization of funds and the optimal utilization of resources
Response :
Finance is the life blood of any commercial activity and also of social, charitable and educational ventures, which cannot survive without incessant source of funds for executing the relative activities. RCET is depending upon the following sources for effective running of the institution :

1. Capital from the promoters: The entire expenditure for setting up huge infrastructure of the college has been contributed by the promoter Trust (Royal Education Society and Research Center) by way of capital and borrowings.

2. Post completion of the infra structure and equipments, the main source of income for the day today running of the college is fees from students.

3. Since the trust is engaged in charitable activities, it can also accept donations from approved persons, bodies and channels.

4. The institution can also source funds for project execution under various schemes of the Government, university, AICTE, UGC etc.

5. AnothersourceoffundiscontributionbyPTMAnormallyusedforspecificinfrastructuralpur poseslike improvement of facilities, help for poor students, rewarding meritorious students etc.

6. RCET alumni has been contributing liberally for the institutional development like up gradation of facilities, rewarding meritorious students, sponsoring arts and Cultural programmes, adopting poor students and extending a helping hand for costly medical treatments. Recently one of the Alumni donated a brand new FORD car for exclusive campus use and learning.

7. RCET is also getting consultancy fees from various agencies   for extending consultancy services
   .
8. The college extends its facilities for conducting online examinations for which it earns income to supplement the main sources.

Resource mobilization policy of RCET:-The fund resource to the institution is mainly the fees collected from students at the time of admission in first year and institution fees in each semester. The fees are collected as Tuition fee, Special fee – Placement Training fee, Library fee, Series examination paper fees, Arts sports and tech fest fee, Caution deposit, Uniform fee, PTA fee, Admission fee and KTU exam registration fee. Additional resources are met by the institution by increasing deposits by Directors to meet the shortage /gap between fee collection and expenses.
Optimum utilization of resources: After elaborate discussions with the management and governing body, RCET comes out with a budget of revenue and expenditure every year. Based on the feedback from relevant department/activity heads, the required expenditure and money utilization plans are consolidated to arrive at the total financial requirements of the institution for the succeeding year. The management and the administration devises strategies and plans for mobilizing funds for meeting the expected expenditure for day today running as well as developmental activities. Care is taken while allocating funds to ensure that the allocations are sufficient but not in excess to ensure optimum utilization of funds. Steps are also suggested and communicated to avoid wasteful expenditure and achieve cost effective spending. Similarly different persons are assigned the responsibility of raising fund from different sources as indicated above.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

6.5 Internal Quality Assurance System

6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

Response:

IQAC is instrumental in ensuring the highest quality in academic and non academic aspects of the institution on a sustainable basis.IQAC is functioning effectively at RCET which has developed institutional mechanisms and procedures for :

- Ensuring timely, efficient and progressive performance of curricular, extracurricular, administrative tasks.

- Sensitizing all stake holders, of the need for maintaining quality of academic, non academicandresearch programmes.

- Optimization and integration of modern methods of teaching and learning.

- Ensuring transparency and credibility of evaluation procedures .

- Adequate and timely maintenance and proper allocation of support structure and services.

- Networking with other institutions.

The two noted best practices by IQAC are contribution in teaching learning process and internal academic auditing procedure. Timely academic meetings , and feedback related to academic and non academic activities of the institution and departments are done through e-

mail and Whatsapp messages.For effective implementation of policies and plans, the college emphasizes on the reviews made by various committees. Induction training to newly appointed faculty members , encouragement to attend FDPs and motivational classes, presenting papers in conferences, journal publications, under taking funded projects, acquiring higher qualifications are promoted through IQAC.

IQAC contribution towards teaching-learning:

Student centric pedagogies are progressively adopted and ICT is increasingly integrated in the teaching learning process at RCET. IQAC has initiated the development and application of quality benchmarks for the various academic activities of the institution and also programmes for off- syllabus learning and skill development of the students. It also imparts knowledge through team work and persistent efforts for holistic development of the students. Activities to promote good relationship with the industry and society, appointing experienced and expert faculty to upgrade expertise in their concerned areas are also initiated by IQAC.

Auditing assistance by IQAC

The IQAC conducts regular quality audits in the form of internal aud it ,twice in a semester to verify the strategy implementation and quality of works done. Each department is audited by IAC formed at RCET and the deficiency report is given to departments. HODs of departments ensure the rectification of the deficiencies before external auditing. The outcomes of the quality audits are considered as important and the action will be taken immediately to ensure the institutional quality.

Several suggestions by the IQAC have been approved and implemented by the institution. The IQAC has formed various committees - NAAC, based on the NAAC criteria involving all teaching faculty, technical staff and administrative staff with the intention to institutionalize quality assurance through system driven processes and benchmarking standards which are implemented by Principal.

Perspective plan for development of the institution:

The vision document, rearrangement of class rooms and laboratories and major displays are developed by IQAC and approved by the management. The needs of the community of the central region of Kerala, especially opportunities for employment, are taken in to account when academic programmes are visualized in different departments.

File Description	Document
Upload any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities (For first cycle - Incremental improvements made for the preceding five years with regard to quality For second and subsequent cycles - Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives)

Response:

Effective plans for improvement from time to time:

- The quality initiatives of RCET are deeply rooted in its Vision, Mission and are executed and implemented through various academic and administrative bodies in the institute and continuously monitored by IQAC .
- The academic performance of students is evaluated at department level meetings and special attention and care is given to slow learners to catch up with the average students.
- Quality of teaching is ensured with the help of data collected from the feedback of students and other stakeholders..
- The COs, PSOs and PEOs are assessed and necessary corrections, if any, are implemented.
- The evaluation of other quality enhancement and quality sustenance programmes are monitored by the respective organizing bodies and the effectiveness is evaluated by IQAC and Academic Council.
- Research activities of the faculty members and students are monitored and special efforts are taken to inculcate research culture in the institute.
- Special efforts are taken to improve the soft skills and analytical skills of students to improve their level of employability .
- Sense of social commitment and moral uprightness are instilled in students to mould them as responsible professionals.
- Nonconformity, in any form, with the institution's policies, (if any) is seriously dealt with. Initiatives during the last five years at RCET in teaching learning in brief:

Academic Year	New Initiatives from time to time
14-15	Decennial year, fully automated Wi-Fi Campus ,EEE block and ME block inaugurated, M.Tech started ,Inauguration of Thermal Lab, FDPs at IIT Remote center, Science exhibition by ASH Department, Award to Dr.Surendran , AP- CE for Best PhD of the year by Kerala Government, Anita Antony- final year student selected for common wealth scholarship final round interview, MOU signed between ICT Academy Kerala and RCET

15-16	KTU formed, New subjectsand Language Lab included in the syllabus, ,Effective course plan, mentor-mentee system, more effective tutorial system; revised laboratory system, ,Remedial class initiated as REAP, Best volunteer award for NSS Unit
16-17	ICT enabled initiatives in teaching, RACE, AIM, Best volunteer, Best Unit, Best Programme Officer award for NSS Unit
17-18	Global elective introduced, Special appreciation , Best Volunteer awards to NSS Unit,COGNITO2K17,RCET honoured through Vanithalokam Award for excellence in academic and non academic
18-19	Initiated NBA related teaching pattern, CO - PO Mapping for theory and laboratory subjects ,calculation of CO attainment, SSSDF formed, IIT BOMBAY online courses renewed, special appreciation ,Best Unit , Best programme officer, special appreciation from PRAKRUTHY SAMRAKHANASANGAM for NSS, EC department acquired first position in KTU result (S4) achieving80% overall.
19-20	IQAC reframed with more quality responsibilities, Accreditation initiatives for NAAC, more senior faculty members joined, SDPKstarted ,Qualified for REDHAT internship and job offer, IEDC working lab opened,Mobile application for Hostel Management System isdeveloped by student (Edu.Horm) - Registered for intellectual property rights, Solarized lighting loads for labs of main building, Biogas plant renewed, additional Rainwater Harvesting installed, IEEE - IETE students forum revived, started preparing series question incorporating Blooms Taxonomy.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

6.5.3　Quality assurance initiatives of the institution include:

1. **Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements**
2. **Collaborative quality intitiatives with other institution(s)**
3. **Participation in NIRF**
4. **any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)**

E. None of the above
D. 1 of the above
C. 2 of the above
B. 3 of the above
Response: B. 3 of the above

File Description	Document
Upload e-copies of the accreditations and certifications	View Document
Upload details of Quality assurance initiatives of the institution	View Document
Upload any additional information	View Document
Paste web link of Annual reports of Institution	View Document

CRITERION - VII

INSTITUTIONAL VALUES AND BEST PRACTICES

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Measures initiated by the Institution for the promotion of gender equity during the last five years.

Response:

Gender equity refers to equality of male and female in the campus with regard to opportunities, treatment, recognition, safety, security etc. However due to various customs and procedures followed in our society, women are seemed to be lesser privileged. To remove this disparity, suitable action programs are devised across the society including educational institutions. RCET has initiated several programs for sensitization on this issue and to ensure equality for both sex in all aspects. During the beginning of every academic year the academic council plans the programs to be conducted on mentoring, induction training program to be given to the students, to sensitize them. To begin with, the college follows mixed classrooms as well as staff rooms. Girls and boy students are given equal opportunities for all activities.

Facilities for Women and measures to ensure equality in areas where they are lagging behind: In areas where females are appearing to be lesser privileged, programs are chalked out to ensure equality to them at par with their male counter parts. Some of such programs are:

1. Internal Complaints Cell of the institution is constituted with a senior lady member as convener, three senior lady members from departments and two girl students as representatives. All ladies in the campus are free to lodge complaint if any with regard to misbehavior, ill treatment, lack of facilities, discrimination etc. Such complaints are discussed in the women's complaints commission and suitable action is taken instantly to satisfy the complainant.
2. In order to ensure privacy for girl students for their specific needs separate common rooms, wash rooms/toilets and facilities for doing prayer etc are provided in the college.
3. Separate ladies hostel and special service by ladies are provided in the canteen are intended to ensure privacy and security of girl students.
4. As far as possible girl students are picked up and dropped at the nearest point of their residence by the college bus to ensure their safety.
5. The college gives equal consideration for ladies for employment , as teachers, department or administrative heads etc .

1. There is a strong women's club in RCET engaged in the following activities.
2. To increase awareness of female teachers, staff and students about the facilities, provisions and priority in certain area, this club organizes classes of experts, cultural programs for ladies which will guide them to resolve their problems.
3. *International Centre for Free and Open Source Software (ICFOSS)* conducted Women's Hackathon workshop in RCET which focused on "How to address the gender gap in free and open source software community" and also made a discussion on reducing technology learning gap among male and female engineering students.
4. Institution is celebrating Women's day on March 8 by inviting women veterans who made success in their respective fields.
5. To give awareness on importance of "yoga" for the physical and mental capability enhancement of ladies, women's club is taking initiative to conduct yoga class.

File Description	Document
Link for annual gender sensitization action plan	View Document
Link for specific facilities provided for women in terms of: a. Safety and security b. Counselling c. Common Rooms d. Day care center for young children e. Any other relevant information	View Document

7.1.2   The Institution has facilities for alternate sources of energy and energy conservation measures

1. **Solar energy**
2. **Biogas plant**
3. **Wheeling to the Grid**
4. **Sensor-based energy conservation**
5. **Use of LED bulbs/ power efficient equipment**

E. None of the above

D. 1 of the above

C. 2 of the above

B. 3 of the above

Response: B. 3 of the above

File Description	Document
Geotagged Photographs	View Document
Any other relevant information	View Document

7.1.3 Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)

- **Solid waste management**
- **Liquid waste management**

- **Biomedical waste management**

- **E-waste management**
- **Waste recycling system**
- **Hazardous chemicals and radioactive waste management**

Response:

RCET has developed an environmental policy which states its commitment to protect and sustain ecological resources and their equilibrium, particularly within the campus. The college authorities are very keen on making the campus eco-friendly by adopting various measures. Conscious efforts to inculcate a sense of responsibility towards the environment among students are taken through various programs by NSS, IEDC, technical societies etc. The environmental policy of the college underpins its commitment to environmental protection. The college also adopts energy conservation practices, effective waste management at source and plantation for making the campus clean, green and healthy.

SOLID WASTE MNAGEMENT

A proper solid waste management system is necessary to control the different pollutions like air pollution, soil pollution and water pollution. It also stops the spreading of infectious diseases, promotes conservation of environmental resources and recycling hazardous wastes. To implement proper waste management policy, successful and safe disposal of solid and liquid wastes are very necessary. RCET management, staff and students took initiative for waste management from its hostel and canteen and set up a bio-gas plant with in the campus.The Solid waste from kitchen, food materials and other natural wastes are used to feed into the bio-gas plant installed in the college. Capacity of biogas plant is 5m3. Kitchen waste and food materials from hostel kitchen and canteen kitchen are used for this purpose. Biodegradable wastes only are needed. A part of solid waste from hostel kitchen is regularly collected by nearby pig farm owners for feeding the pig. Specification of Waste management system :- Hemispherical dome with radius of 1.35 m and capacity of 5 m3.

LIQUID WASTE MANAGEMENT

It is very necessary to manage liquid waste especially human waste in order to avoid health and environmental issues. Eventhough waste management requires investment and skilled persons, RCET took pain to manage liquid waste properly. Initially liquid waste from college kitchen, hostels etc are collected in large concrete underground tanks. RCET is having a storage tank of 25000 liter capacity, an underground and water tight tank madeof concrete in which sewage is collected and partially treated.These are used for water-flushed systems that are not connected to a sewer.

E-WASTE MANAGEMENT AND WASTE RECYCLING

Computers, lab equipments, electronic devices, sound systems and chargers are recyclable, yet they can also be the most dangerous materials dumped inside a landfill, according to the Environmental Protection Agency. When improperly disposed of, the heavy metals, plastics and glass in e-waste can pollute the air or seep into waterways. Recycling e-waste can significantly decrease the demand for mining heavy metals and reduce the greenhouse gas emissions from manufacturing virgin materials. E-waste materials are collected and handed over to external agencies for final disposal.

File Description	Document
Any other relevant information	[View Document](#)
Link for Geotagged photographs of the facilities	[View Document](#)

7.1.4 Water conservation facilities available in the Institution:

1. Rain water harvesting
2. Borewell /Open well recharge
3. Construction of tanks and bunds
4. Waste water recycling
5. Maintenance of water bodies and distribution system in the campus

E. None of the above

D.1 of the above

C. 2 of the above

B. 3 of the above

Response: A. Any 4 or all of the above

File Description	Document
Geotagged photographs / videos of the facilities	View Document
Any other relevant information	View Document

7.1.5 Green campus initiatives include:

1. Restricted entry of automobiles
2. Use of Bicycles/ Battery powered vehicles
3. Pedestrian Friendly pathways
4. Ban on use of Plastic
5. landscaping with trees and plants

E. None of the above
D. 1 of the above
C. 2 of the above
B. 3 of the above
Response: Any 4 or All of the above

File Description	Document
Various policy documents / decisions circulated for implementation	View Document
Geotagged photos / videos of the facilities	View Document
Any other relevant documents	View Document

7.1.6 Quality audits on environment and energy regularly undertaken by the Institution

1. Green audit
2. Energy audit
3. Environment audit
4. Clean and green campus recognitions / awards
5. Beyond the campus environmental promotion activities

E. None of the above
D. 1 of the above
C. 2 of the above
B. 3 of the above
Response: B. 3 of the above

File Description	Document
Reports on environment and energy audits submitted by the auditing agency	View Document
Certification by the auditing agency	View Document
Certificates of the awards received	View Document
Any other relevant information	View Document

7.1.7 The Institution has disabled-friendly, barrier free environment

1. Built environment with ramps/lifts for easy access to classrooms.
2. Disabled-friendly washrooms
3. Signage including tactile path, lights, display boards and signposts
4. Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment
5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

. None of the above

D. 1 of the above

C. 2 of the above

B. 3 of the above

Response: A. Any 4 or all of the above

File Description	Document
Policy documents and information brochures on the support to be provided	[View Document](#)
Geotagged photographs / videos of the facilities	[View Document](#)
Any other relevant information	[View Document](#)

7.1.8 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words).

RCET has always been taking care of promoting harmony in the midst of various diversities based on religions, caste, financial capabilities and regional differences. In cultural activities and arts festival days anybody can observe performance or programmes prevalent in different communities .For example the attached photos are evidence for the same.

The college facilitates students and teachers from different communities to celebrate their respective festivals or other religiously important dates. Students and teachers from different communities move in full harmony with respect and concern for each other. Muslim students are facilitated with time slots for their prayer and students from other communities respect it too indicating high level of tolerance in the campus. Though hailing from different geographies or linguistic areas students and teachers behave with full understanding and respect for each other. Irrespective of their community

students and staff join in celebration of festivals like Onam, Christmas, Eid etc

Students from all strata of society are getting admission in RCET irrespective of their religion, caste, race, financial capability, gender or social status. All are given equal treatment and opportunities for learning and promoting social and cultural activities and skill development. RCET is following mixed class - scheme for male and female students, common staff room for gents and lady teachers and other staff. Other activities like study tours, internship, projects, cultural activities, sports are under taken by mixed groups of boys and girls leaving no choice for gender discrimination, identification of students for conferences, internship, placement etc are all purely merit based without any discrimination of any nature.

The institute has various scholarship and fee concession scheme for meritorious students as well as students from poor financial / social background.The institution also promotes tech-fest and sports fest by incorporating students from nearby institutions. All students participating in sports and arts programmes are given equal opportunity to participate and enjoy all activities. The scholarship exam CALIDAD conducted by the RCET management also is very keen to ensure that the entire candidates are getting equal opportunity

File Description	Document
Link for any other relevant information	View Document
Link for supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View Document

.

7.1.9 Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).

Response:

As citizens of our great nation everybody has got certain rights and also responsibilities and duties, values and ethics to be followed. Educational institutions, students ,teachers and staff are no exceptions including engineers and technocrats who are more resourceful in the form of technical knowhow. RCET has been keen to imbibe constitutional values, ensure protection of rights and compliance of duties and responsibilities. In order to sensitize the students and teachers about the constitutional provisions RCET has been focusing on the following activities or areas.

1. **Right to education** is one of the fundamental rights as per the constitution based on which the government /university has laid down admission policy for engineering colleges while enrolling students for the courses . RCET has been strictly following the government directives with regards to reservation of   seats to deprived groups of people like SC/ST,OBC /OEC, economically backward classes ,differently abled etc. Concession in fees has also been extended to eligible students as per the government policy directives.

2.The student intake of RCET always represents by a wide cross section of society ensuring education facilities for all classes of society resulting in wide gap in the knowledge level and grasping capacity among the students. In order to help below average students catch up with the average ones and increase their confidence level RCET has launched REAP.

3.The college has a very effective anti ragging, disciplinary action, student welfare committee, PTMA,and staff club etc to ensure and sensitise social obligations.

4.In order to sensitize the students about the democratic way of life and leadership attributes, the college follows strict procedures for election of students representatives, department associations, class ,course and committees of the college.

5.The college does not allow any type of discrimination based on religion, cast, creed, gender, financial and social status etc among the students ,and also among the teachers and staff.

6.Maintenance of hygiene, preserving of ecological balance and natural resources and protection of environment etc are highlighted as some of the responsibilities of citizens.

In order to avoid discrimination between students from affluent and poor families and to promote spirit of equality RCET is prescribed uniform dress code for all the students. As a part of duties to the society and to improve and inculcate human values RCET students and teachers have always been extending timely and need based helping hand to people affected by natural calamities like flood, epidemics etc

Promoting spirit of patriotism, respecting constitutional ideals, national flag and national anthem, cherish ideals inspired by our freedom struggle, promote harmony and spirit of common brother hood, preserving rich heritage of our composite culture, developing scientific temper, sprit of enquiry and reform, safeguarding public property, anti narcotic initiatives etc are some of the

fundamental duties laid down in our constitutions in tune with the above. RCET has always been celebrating commemorative days like independence day, republic day etc to promote the spirit of patriotism, respect for national flag and ideals of the constitution.

File Description	Document
Link for details of activities that inculcate values necessary to render students in to responsible citizens	View Document
Link for any other relevant information	View Document

7.1.10 The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.

1.   The Code of Conduct is displayed on the website
2.   There is a committee to monitor adherence to the Code of Conduct
3.   Institution organizes professional ethics programmes for students, teachers, administrators and other staff
4.   Annual awareness programmes on Code of Conduct are organized

E. None of the above

D. 1 of the above

C. 2 of the above

B. 3 of the above

Response: A. All of the above

File Description	Document
Details of the monitoring committee composition and minutes of the committee meeting number of programmes organized reports on the various programs etc in support of the claims	View Document
Code of ethics policy document	View Document
Any other relevant information	View Document

7.1.11 Institution celebrates / organizes national and international commemorative days, events and festivals (within 500 words).

Response:

RCET facilitates students and teachers from different communities to celebrate their respective festivals or other religiously important dates. Students and teachers from different communities move in full harmony with respect and concern for each other. The various co memorable day celebrated by our institution are:

Environment Day is being celebrated on 5th of June at the campus of RCET. It is being done for encouraging actions for protecting environment. RCET celebrates the Independence day on 15th of August every year. RCET students celebrate 'Teachers Day' On September 5th of every year and they honour their teachers with gifts. On September 17th 2019 NSS unit observed ozone day. Students designed posters which stated the importance of ozone for our lives. NSS unit of RCET observe international day of peace at the campus on 21st September. On that day, competitions such as recitation and English essay writing based on the topic 'peace' are organized. As a part of NSS day celebration on 24th September, NSS volunteers organize various activities in order to spread the awareness about the motive of NSS among students. RCET observe Kerala Piravi on November 1st with different activities in the college premises. The world Tsunami awareness day was observed at the college on November 5th2019 in association with the NSS unit of RCET. Special shows including tableau were also arranged to make the audience aware about this disaster. National Education Day is the annual anniversary of Moulana Abdul Kalam Asad. The first education minister of independent India, who served from 15th August 1947 until February 1958. RCET observe National Education Day on 11th November at the campus by giving awareness talks.

Every year on January 1st, students and staffs of RCET celebrate New Year day by exchanging gifts. RCET celebrate the Republic day on 26th January. Every year, as the part of this day, the flag hoisting ceremony is being observed in our campus. RCET observed 'Feed the Birds Day' on 3rd February. A drawing competition was arranged at Royal College of Engineering and Technology on this day for students from all departments on the theme "feeding the nature's flying birds". RCET celebrates international women's day at the campus on March 8th. Various entertaining programs like drama, tableau, group song etc. and invited talks are being arranged in connection with this celebration.' World Sparrow day' is a day designated to raise awareness of the importance of protection of house sparrows and other common birds. It is being celebrated on March 20th by placing water trays and some feeds for birds at different locations in the campus. World water day is being observed on 22nd March. September 15th the birth day of Sir M Visvesvaraya is observed as' Engineers Day' on which invited talks on the theme subject are conducted. All important festivals such as Onam, Christmas, Eidetc..are celebrated with the full participation of staff and students of RCET.

File Description	Document
Link for Annual report of the celebrations and commemorative events for the last five years	View Document
Link for any other relevant information	View Document

7.2 Best Practices

7.2.1 Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Response:

1. Title

ROYAL ADVANCED CAREER EDUCATION CENTRE [RACE]

2.Objectives

RACE was established in 2016 to mould the students as employable engineers by arranging Add-On courses which are best suited and of latest industrial relevance. The intended outcome of RACE is to upgrade the students into industry ready engineers, by the time they complete the course. Over and above teaching syllabus topics, any professional education will be complete only when the students are well equipped to deal with problems existing in their respective fields. RACE is focusing on aligning academic knowledge with industry requirements and improving practical skills of students, to transform them in tofull fledged engineers.

3.**Contextual features and challenging issues**: In order to increase the practical interest and inclination of students, RACE undertakes orientation programmes and seminars. RACE identify and arrange value added courses, interaction with industry experts, interaction with alumni, MoU with industries, internship and placements for students.

Constraints**:**

Lack of awareness in students about the requirement of skill development, requirement of practical knowledge, off syllabus skills and industry exposure is found to be the constraints in the initial stages. Allocation of time for off syllabus activities was also a concern in the midst of busy academic schedule. The strategy adopted by RACE to address these issues by increasing awareness among students and parents about the need and necessity of focusing on off syllabus activities.

4. The Practice

RACE started in 2016, triggered by huge gap in skill sets of outgoing students with regard to industry/societal needs, and necessity of programme intervention. With an aim to address this issue RACE started orientation programmes , Add-On courses, MoU with industries, tie up with skill acquisition institutes, internship and placements in tune with the features of India higher education programmes. The vision of RACE is developed in alignment with the vision of the institute. The Mission is to empower the

students towards popular needs of industry, research and development.

In order to transform, raw students mostly confined to text book learning at the entry level, in to multi skilled personalities and technocrats, RACE organizes programmes of eminent persons from industry and society. Further seminars on areas with increasing relevance, interaction with eminent persons from different fields and alumni of commendable achievements are arranged throughout the year for practically orienting the students. Depending upon the requirement of changing technical and social scenario RACE identifies value added courses for acquiring /updating different skill sets and act as a link for taking advantages of such platforms for the students to increase their capabilities. Undertaking such programmes and initiative under a dedicated center is a unique step of RCET. Over and above value added courses, RACEhasenteredintotieup/MOUwithvariousindustriesandorganizations.Thishascontributedwellin increasing capabilities of graduates in different areas of knowledge.

Objectives:

Of late ,due to spurt of large number of engineering colleges admission for engineering courses has becom every easy resulting in intake of students with lesser potential .Transforming them into perfect professionals with required theoretical as well as practical knowledge within the course period has been one of the challenges faced by RACE. Year marking time for these activities without affecting the course plan   has been another challenge faced by RACE which is addressed by extended hours /holiday working etc.

Evidence of Success: RCET RACE is successful in producing more number of entrepreneurs invarious fields. One final year student of RCET has developed a pulse generator for keeping the wild animals away from the farm lands. Later he became an entrepreneur. Two students of our institution got placed in Team Sustain at Cochin Kerala. 2019 batch student joined in a green energy firm BHARATH SEVAK SAMAJ Green Life Ltd- Thrissur which is a solar based organization.In addition to producing more entrepreneurs, RACE is successful in contributing 30% of the total placement of RCET. This is due to the variety of courses offered through RACE to students in subjects like seminar on global opportunities, search engine optimization and digital marketing, seminar on HVAC design and drafting, non destructive testing & quality control, Red-hat certified system administrator and full stack development. As a whole, withthe efforts of RACE almost all students are either taking up entrepreneurial ventures or getting intoproductive employment .

6.The main challenges in implementing RACE:

(a) Increasing awareness among the students and stakeholders about the need and necessity of focusing on off syllabus activities. This has been addressed by proper presentation and citing examples for thestudents by RACE committee.

(b)Allocation of time and resources without disturbing academic schedule also was an issue in the initial stages. However RACE could overcome this by extending learning hours and working on holidays.

(c) The institution could enter into tie up/MOU with various agencies and industries to provide bestplatform for RACE activities.

HR resources: RACE is constituted as a committee with involvement of all the staff who are required to devote considerable amount of their time for implementation and monitoring the activities.

Financial resources:- Financial resources are mobilized through contributions by management , PTMA ,students and Alumni.

Infrastructure resources: The college is already having sufficient physical and technical infrastructure.

GROOMING THROUGH MOTIVATION AND MENTORING

1.Objectives

RCET is known for its unique strategy and focus on grooming students into full-fledged engineers / habitual learners , capable of adapting and taking advantage of changes through strategic planning.

Real effectiveness of teaching can be measured only through ascertaining the progress made by the students in their knowledge and grasping level, attitude towards learning and multi skill development. RCET is doing commendable job by grooming average and below average students into multi skilled, industry ready graduates having passion for continuous learning. Some initiatives of RCET in this direction are REAP, RACE, mentor-mentee system and skill development programmes .

The Context

The challenges faced are mostly confined to earmarking time of teachers and administration for this, expenditure needed for implementation and psychological addressing of distorted attitude of some students. However, with dedicated pool of teachers, proactive management ready to fund for development activities, support from different agencies and alumni, and with extra care and personal attention and affectionate behaviour of teachers, the institution could overcome all the issues faced in implementation.

1. The Practice

All the initiatives for motivation and grooming are unique in the context of their correlation with India higher education programme in the following ways:

1) **Mentoring :** Mentoring is caring and nurturing each student by the mentor teacher through personal discussions and understanding the deficiencies , strength and weakness of each student and working out and implementing strategies to transform them into good learners.

2) **Virtual Classrooms:** RCET has an IIT Bombay remote centre funded by MHRD worth Rs2,80,000/-for its infrastructure development. It is a virtual classroom environment for delivering live lectures and workshops.

3) Skill Development: RCET possesses SDPK, with Rs15 Lakhs funded by Government of Kerala, equipped with ICT enabled tools in association with Kerala State IT Infrastructure limited, Kerala IT Mission and ICT Academy.

4) Scholarship and financial support schemes: The institute has framed a very good scholarship programme under the CALIDAD selection scheme, e-grants scholarship, Merit Cum Means scholarship for students.

5) REAP is an initiative for bridging the knowledge gap between poor learners in the class and other students potential to the maximum extent and widening the horizon of knowledge of the students and hence is in tandem with the higher education vision of the country.

6). IEDC focuses on creation of an entrepreneurial eco system in the campus, encouraging students to innovate and commercialize the ideas and start their own ventures.

7). Royal AIM is focusing on creation and updating a pool of experts in different subjects and/or fields including alumni, and organizing their programmes for students in order to provide them with a platform for interaction with masters in their respective fields.

1. Evidence of Success

As a result of mentoring and motivation the ratio of dropouts has drastically comedown as per the attached data.

Academic year	Percentage of drop outs
2014-15	25
2015-16	20.2
2016-17	6.4
2017-18	2.97
2018-19	5.18

This is because mentors can identify weak students and can take the remedial measures. Mentors are playing major role in pointing out the slow learners and will pay special attention to them. This may help the institution reduce the rate of dropout at very initial level. . The continuous evaluation of mentees will motivate them to increase their interest in studies which will help to improve their results. The proper guidance given by the mentor helps the mentees to identify the field of expertise for higher studies. Additional skills like aptitude test, group discussions, and other interview skills are also enhanced due to their attitude development and proper training.

The systematic and strategic planning by the institution together with proper motivation and skill development programs makes RCET to be one among the reputed engineering colleges in Thrissur district achieving reasonable pass percentage.

File Description	Document
Link for any other relevant information	[View Document](#)
Link for Best practices in the Institutional web site	[View Document](#)

7.3 Institutional Distinctiveness

7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

OUTREACH OF THE INSTITUTION TO THE SOCIETY

The efforts of RCET are unique and distinctive in outreach of the institution to the society, young generation aspiring for professional education, people affected by natural calamities and other common problems faced by the society at large. Some of the initiatives by students and teachers of RCET and college unit of bodies like CALIDAD Engineers Scholarship Examination, NSS RCET Trust fee reduction scholarship schemes, awarenesss classes on importance of engineering education by RCET faculty to higher secondary school students ,crash course for engineering entrance etc. are lauded by all.

CALIDAD Engineers Scholarship Examination: This is a unique venture organized by RCET Management for creating quality engineers named as "CALIDAD" Engineers Scholarship Examination started on May 1st,2011 which provides scholarship worth Rupees One Crore for those who excel in the examination. It will build up the confidence in school students for opting Engineering as their Profession. Through this process they are made aware that engineers can become better change agents in the field of science and technology to transform life of people. This examination is also intended to find out young and enthusiastic students who are eligible to study B.Tech in fee waiver scheme. Examination pattern is in line with the pattern of Engineering Entrance Examination.

NSSUnitNo:143 Is acting as a catalyst to buildup the right type of leader ship in the institution. The main aim of the scheme is to provide opportunities to the students to gain variable practical experience through community service. RCET has developed a strong NSS unit in the campus volunteering to go out to the society in times of emergency, natural calamities and other pressing needs of people. NSS unit has bagged state awards in the consecutive years for best volunteer award in the year 2015, awards for best program officer, best unit and best volunteer in the year 2016,special appreciation award for the volunteer in the year 2017 , special appreciation award for the unit and award for best program officer in the year 2018. The whole media was appreciating RCET students for their self-less service to victims of flood during 2018. They reached out even to remote and marooned geographies and provided food packets, dress materials and other necessities to the victims. Joining with IEDC, the students developed their own Power Banks and supplied to 100s of flood victims deprived of power and isolated by loss of connectivity with the outer world due to inability to charge even mobile phones. They also helped the victims to rewire and repair the damaged houses, cleaning the debris in the affected areas, roads, public places etc. NSS student volunteers also took initiative for constructing a house and handed it over to one of the victims. They helped the local authorities by collecting data about flood victims and digitizing the same in order to ensure faster reach of government support to the people.

Highlights :

- **Punarjani**
- **Election ID card Registration Home for**
- **homeless**
- **Digital Panchayath Free Tuition Classes**
- **SarvaSikshaAbhian**
- **Computer Training Blood Donation**
- **Antidrug Day Programme**
- **Awareness on**
- **Separation/Avoiding of Plastics**
  Cashless economy:
- **Introduction to Free Software's**
- **Women Empowerment Know your Rights**
- **Scholarship Schemes:**

Royal Education Society and Research Centre also provide scholarships to highly talented students who have shown good academic performance in the higher secondary examination as well as in engineering entrance exam.

Scholarship in the form of fee reduction in every academic year is given to the students for management admission based on their qualifying examination results (For both regular and lateral entry admissions).

Crash Course for Engineering Entrance Examination:

RCET in association with Chamber of commerce Kunnamkulam used to conduct crash course for engineering entrance exam KEAM. This course is conducted free of cost in association with the chamber of commerce ,Kunnamkulam for a duration of 3 weeks and classes are handled by experienced faculties from various departments. This is mainly intended for students from rural areas since they cannot afford the huge fees charged by coaching centre have located at distant places.

For example, in the academic year 2018 -19 RCET conducted 15 days course in May 2018 in which more than 700 aspirants participated and took advantage of the same. The entire course was 100 % free in addition to free transportation for the students to course center. This is an important initiative in view of the recent trend of students opting for lighter courses which may be good for immediate employment with limited scope for career advancement, innovations and revolution in the field. This program is conducted every year.

In addition to the above mentioned programmes individual departments are contributing to the local society by their association activities such as orphanage visits, distribution of food packets and dress materials to needy people. Students celebrate various festivals by donating new dresses, money and grocery kits to the poor people working for RCET.

SSSDF (Students' Social Skill Development Forum) RCET:

The objective of this forum is to impart social awareness and to build social values in students.

Student social responsibility mainly focuses on taking responsibility for one's own actions. It is a

promise everyone should make for the society while working for the social, cultural and, ecological causes. These responsibilities are ethically binding and propose that each person acts in such a way that minimizes the adverse effect to those immediately around them. Keeping the school or college building and surrounding neighborhood clean, picking up the litter and putting it in the trash can, can be your one step as a socially responsible citizen. You can also keep a check on reducing energy and water consumption. Under this programme classes are organized to sensitize the students and further to propagate in the society by them about road safety tips, menace of drugs, narcotics and tobacco. An edification programme for awareness on "Anti Drugs Use" –types of drugs & bad effects of drug use" was conducted by the team.

File Description	Document
Link for appropriate web in the Institutional website	View Document
Link for any other relevant information	View Document

CONCLUSION
Additional Information :

RCET has the unique locational advantage of having established in the cultural capital of Kerala which is well known for eminence in education. It has state of the art infrastructural facilities like quality building and classrooms , well equipped laboratory and library etc , even sufficient for starting a few more courses . The academic community felt the need of introducing new generation courses considering the vast potential in the field of Artificial Intelligence. Considering this, the college has applied to the to AICTE and university for two new courses to be introduced with effect from academic year 2020-2021.

1.ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

2.INTELLLIGENT AUTOMATION AND ROBOTICS

But of late, the college is facing difficulties in getting the seats filled and also getting cream of students in the admission process mainly due to the absence of accreditation . In spite of getting students from the bottom of the rank list, the college has been successful in transforming them into excellent technocrats and thereby recording vast improvement in their level of knowledge and skill. If improvement of knowledge and skill of students is the criteria of excellence in performance, RCET will get top rating among peer institutions. This is clearly reflected in the results of the college which is always above average even after admitting students of lower standard. The institutional management is seized of the matter

and has now taken all the steps for getting accredited.In short, the institution has everything except accreditation and the management and administration are very confident of sailing the institution to top rated category in a short span of time on getting accredited.

Concluding Remarks :

Right from its inception in 2003 with four branches of undergraduate engineering courses, the institution has grown reasonably well with 5 under graduate and 2 PG courses at present and is also planning to add a few more courses , having already set up enough infra structure .The institution has produced a number of rank holders and committed lot of engineers to contribute their best towards nation building. It has been constantly upgrading it's strategies in tune with changes happening around for realization of its noble vision. The descriptive summaries and the accompanying data under each criterion are proof of since re efforts of the institution in this direction. It is the perception and belief of the management that the grow thin infrastructure, academics, efforts for innovation and research orientation, social outreach, sensitization and contribution in areas of national priority, co-curricular and extracurricular activities, helping the local people ,public bodies and administration in times of crises and natural calamities etc. are all as per the expectations of NAAC - a wing of the UGC, playing key role in ensuring quality education in the country. As such, it is humbly submitted that his Institution, ROYAL COLLEGE OF ENGINEERING ANDTECHNOLOGY may kindly be accredited well by NAAC. This accreditation will be a mile-stone in its growth trajectory and will be a great morale booster in accelerating it's journey towards well defined vision and nation-building efforts through moulding batches of next generation technocrats on a perpetual basis included in this Self-Study Report (SSR) are true to the best of my knowledge.

Declaration by the Head of the Institution

I certify that the data included in this Self-Study Report (SSR) are true to the best of my knowledge.

This SSR is prepared by the institution after internal discussions, and no part thereof has been outsourced.

I am aware that the Peer Team will validate the information provided in this SSR during the peer team visit.

Signature of the Head of the institution

with seal:

Place: 25 - 01 - 2021
Date: Akkikavu

AICTE Approval Letters

Royal College of Engineering and Technolgy

F.No. South-West/1-396950833/2011/EOA   Date: 01-09-2011

To,
The Principal Secretary,
Deptt. Of education, Govt. of Kerala,
Govt. Sectt. Annexe,
Thiruvananthapuram-695001

Sub: Extension of approval for the academic year 2011-12.
Ref :   Application of the Institution for Extension of Approval for the Year 2011-12

Sir/Madam,

In terms of the Regulations notified by the Council vide F.No. 37-3/Legal/2011 dated 10/12/2010 and norms, standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the extension of approval of the Council to

Regional Office	South-West	Application Id	1-396950833
		Permanent Id	1-4472401
Name of the Institute	ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY	Institute Address	ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY, AKKIKAVU, PO-CHIRAMANANGADU, MARATHANCODE-VIA, THRISSUR-DIST, KERALA, PIN-680 604,THRISSUR,THRISSUR,Kerala,680604
Name of the Society/Trust	ROYAL EDUCATIONAL SOCIETY & RESEARCH CENTRE	Society/Trust Address	AKKIKAVU, CHIRAMANANGAD P O, MARATHANCODE (VIA), THRISSUR,THRISSUR,THRISSUR,Kerala,680604
Institute Type	Unaided - Private		

to conduct following courses with the Intake indicated below for the academic year 2011-12

Application Id: 1-396950833			Course	Full/Part Time	Affiliation Body	Intake 2010-11	Intake Approved for 11-12	NRI	PIO	Foreign Collaboration
Program	Shift	Level								
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	MECHANICAL ENGINEERING	FULL TIME	Calicut University, Calicut	0	60	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	FULL TIME	Calicut University, Calicut	60	60	No	No	No

Application Number : 1-396950833   Page 1 of 3

Note: This is a Computer generated Extension of Approval Letter. No signature is required.   Date of printing: 01-09-2011

Royal College of Engineering and Technolgy

All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

Application Id: 1-396950833			Course	If PT/Part Time	Affiliating Body	Intake 2010-11	Intake Approved Ac 11-12	NRI	PIO	Foreign Collaboration
Program	Shift	Level								
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	Calicut University, Calicut	120	120	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	APPLIED ELECTRONICS AND INSTRUMENTATION ENGINEERING	FULL TIME	Calicut University, Calicut	60	60	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRONICS & COMMUNICATION ENGG	FULL TIME	Calicut University, Calicut	60	120	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	CIVIL ENGINEERING	FULL TIME	Calicut University, Calicut	60	60	No	No	No

The above mentioned approval is subject to the condition that ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

(Dr. K P Isaac)

Application Number : 1-396950833

Note: This is a Computer generated Extension of Approval Letter. No signature is required.

Page 2 of 3

Date of printing: 01-09-2011

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Royal College of Engineering and Technolgy

Member Secretary, AICTE

Copy to:

1. **The Regional Officer,**
   All India Council for Technical Education
   Health Centre Building
   Bangalore University Campus
   Bangalore - 560 009, Karnataka

2. **The Director Of Technical Education,**
   Kerala

3. **The Registrar,**
   Calicut University, Calicut

4. **The Principal / Director,**
   ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY,
   ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY, AKKIKAVU, PO-CHIRAMANANGADU,
   MARATHANCODE-VIA, THRISSUR-DIST, KERALA, PIN-680 604,
   THRISSUR,THRISSUR,
   Kerala,680604

5. **The Secretary / Chairman,**
   ROYAL EDUCATIONAL SOCIETY & RESEARCH CENTRE
   AKKIKAVU, CHIRAMANANGAD P O, MARATHANCODE (VIA), THRISSUR,
   THRISSUR,THRISSUR,
   Kerala,680604

6. **Guard File(AICTE)**

Application Number : 1-396950833

Page 3 of 3

Note: This is a Computer generated Extension of Approval Letter. No signature is required.

Date of printing: 01-09-2011

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Royal College of Engineering and Technolgy

No. :   South-West Region/1-4472401/2010/EOA   August 23, 2010

To,
Principal Secretary, Deptt. Of education, Govt. of Kerala, Govt. Sectt.
Annexe, Thiruvananthapuram-695001

Sub. : Extension of approval for the academic year 2010-11.

Sir,

In terms of the Regulations notified by the Council vide F. No. 37-3/Legal/2010 and norms, standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the extension of approval of the Council to :

ROYAL EDUCATIONAL SOCIETY & RESEARCH CENTRE, ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY, ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY, AKKIKAVU, PO-CHIRAMANANGADU, MARATHANCODE-VIA, THRISSUR-DIST, KERALA, PIN-680 604, THRISSUR, KERALA, PIN : 680 604

for conduct of the following courses with the intake indicated below in the academic year 2010-11:

Sr. No.	Program	Level	Shift	Course	Intake 2009-10	Intake 2010-11
1	Engg. / Tech.	UG	First Shift	ELECTRONICS AND COMMUNICATION	60	60
2	Engg. / Tech.	UG	First Shift	ELECTRICAL / ELECTRICAL & ELEX	0	60
3	Engg. / Tech.	UG	First Shift	COMPUTER SCIENCE & ENGINEERING	60	120
4	Engg. / Tech.	UG	First Shift	CIVIL ENGINEERING	60	60
5	Engg. / Tech.	UG	First Shift	APPLIED ELEX & INSTRUMENTATION	60	60

The above mentioned approval is subject to the condition that :
ROYAL EDUCATIONAL SOCIETY & RESEARCH CENTRE, ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY, ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY, AKKIKAVU, PO-CHIRAMANANGADU, MARATHANCODE-VIA, THRISSUR-DIST, KERALA, PIN-680 604, THRISSUR, KERALA, PIN : 680 604

shall follow and adhere to the regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal and hard copy to Regional Office.

Anti Ragging :- The approval is subject to the institutions strictly complying with all the provisions made under the Anti ragging regulation notified by council vide F.No. 37/Legal/AICTE/2009 dated 1-7-2009 failing which, it will be liable to any action defined under clause 9(4) of this regulation

Yours faithfully,

Dr. S. G. Bhirud
Director

Page 1 of 2

Royal College of Engineering and Technolgy

Copy to :

1. The Regional Office, South-West Region, Kerala
2. The Director of Technical Education, Govt. of Delhi.
3. Guard File (AICTE)
4. The Registrar, Affiliating University
5. The Principal / Director,
   ROYAL EDUCATIONAL SOCIETY & RESEARCH CENTRE, ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY, ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY, AKKIKAVU, PO-CHIRAMANANGADU, MARATHANCODE-VIA, THRISSUR-DIST, KERALA, PIN-680 604, THRISSUR, KERALA, PIN : 680 604

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Royal College of Engineering and Technolgy

अखिल भारतीय तकनीकी शिक्षा परिषद्
ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
(भारत सरकार का एक सांविधिक निकाए) (A STATUTORY BODY OF THE GOVT. OF INDIA)

F. No. 06/06/KER/ENGG/2002/005
Dt.28/05/2009

<u>Extension Letter</u>

To,

The Principal Secretary to Govt.,
Higher Education Department
Govt. Secretariat
Thiruvananthapuram – 695 001
Kerala

Sub: Extension of approval to ROYAL COLLEGE OF ENGG. & TECH. AKKIKAVU P.O.-680 519, THRISSUR DIST. KERALA for the academic year 2009-10 .

Sir,

As per the Regulations notified by the Council vide F.No. 37-3/Legal/2006 dated 14th September 2006 and norms, standards, procedures and conditions prescribed by the Council from time to time and based on the recommendations of Appraisal Committee / Expert Committee, I am directed to convey the extension of approval of the Council to ROYAL COLLEGE OF ENGG. & TECH. AKKIKAVU P.O.-680 519, THRISSUR DIST. KERALA for conduct of the following courses with the intake indicated below:

Name of the Course(s)	Existing Intake	Approved Intake 2009-10	Period of approval
APPLIED ELECTRONICS & INSTRUMENTATION	60	60	
CIVIL ENGINEERING	60	60	
COMPUTER SCIENCE & ENGINEERING	60	60	2009-11
ELECTRONICS & COMMUNICATION ENGG.	60	60	
Total	240	240	

The Compliance Report with requisite processing fee is required to be submitted every year by 31st August irrespective of the period of approval

The above approval is subject to rectification of the following observations / deficiencies / specific conditions by 31st August 2009.

➢ Cadre ratio as per AICTE norms should be maintained
➢ Faculty shortfall in H&S-18.7%
➢ Number of Titles of books/volumes/Journals to be increased as per AICTE norms .

Contd.. 2/-

28-5-09

7वाँ तल, चन्द्रलोक भवन, जनपथ नई दिल्ली–110001

Note: The mandatory disclosure in prescribed format is required to be hosted on the website as per directions in AICTE website failing which, action would be initiated as per the rules and regulations of the AICTE including Admission / Withdrawal of approval.

The institution is required to submit two copies of the Compliance Report, indicating the rectification of deficiencies along w mandatory disclosure and details of faculty recruited for each course in the prescribed format (available at AICTE Webs www.aicte.ernet.in) to the concerned Regional Office latest by 31st August 2009 for consideration of approval beyond the session 200

10. It may be noted that all the institutions are required to submit the Compliance Report alongwith requisite processin fee by 31st August every year irrespective of the period of approval.

The Compliance Report must be accompanied with a processing fee of Rs. 50,000/- in the form of demand draft in the favour of Membe Secretary, AICTE, payable at New Delhi. In the absence of processing fee the Compliance Report will not be entertained. Following th Compliance report, the Council would verify the status in respect of rectification of deficiencies through surprise random inspection without any prior notice.

The above approval if granted after rectification of deficiencies would be subject to the fulfillment of the following general conditions:

1.   That the management shall provide adequate funds for development of land and for providing related infrastructural, instructional and other facilities as per norms and standards laid down by the Council from time to time and for m   ng recurring expenditure.

2. (a)   That the admission shall be made only after adequate infrastructure and all other facilities are provided as per norms and guidelines of the AICTE.

     (b)   That the admissions shall be made in accordance with the regulations notified by the Council from time to time.

     (c)   That the curriculum of the course, the procedure for evaluation/ assessment of students shall be in accordance with the norms prescribed by the AICTE.

     (d)   That the Institution shall not allow closure of the Institution or discontinuation of the course(s) or start any new course(s) or alter intake capacity of seats without the prior approval of the Council.

     (e)   That no excess admission shall be made by the Institution over and above the approved intake under any circumstances. In case any excess admission is reported to the Council, appropriate penal action including withdrawal of approval shall be initiated against the Institution.

     (f)   That the institutions shall not have any collaborative arrangements with any Indian and/ or Foreign Universities for conduct of technical courses other than those approved by AICTE without obtaining prior approval from AICTE. In case any violation is reported to the Council, appropriate penal action including withdrawal of approval shall be initiated against the Institution.

     (g)   That the Institution shall not conduct any course(s) in the field of technical education in the same premises/ campus and / or in the name of the Institution without prior permission/ approval of AICTE. In case any violation is reported to the Council, appropriate penal action including withdrawal of approval shall be initiated against the Institution.

     (h)   The institution shall not conduct any non-technical course(s) in the same premises/ campus under any circumstances. In case any violation is reported to the Council, appropriate penal action including withdrawal of approval shall be initiated against the Institution.

3.   That the institution shall operate only from the approved location, and that the institution shall not open any off campus study centers/ extension centers directly or in collaboration with any other institution/ university/ organization for the purpose of imparting technical education without obtaining prior approval from the AICTE.

4.   That the tuition and other fees shall be charged as prescribed by the Competent Authority within the overall criteria prescribed by the Council from time to time. No capitation fee shall be charged from the students/ guardians of students in any form.

5. That the accounts of the Institution shall be audited annually by a certified Chartered Accountant and shall be open for inspection by the Council or any body or persons authorized by it.

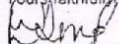6. That the Director/ Principal and the teaching and other staff shall be selected according to procedures, qualifications and experience prescribed by the Council from time to time and pay scales are as per the norms prescribed by the Council from time to time.

7. (a). That the institution shall furnish requisite returns and reports as desired by AICTE in order to ensure proper maintenance of administrative and academic standards.

   (b) That the technical institution shall publish an information booklet before commencement of the academic year giving details regarding the institution and courses/ programmes being conducted and details of infrastructural facilities including faculty etc. in the form of mandatory disclosure. The information booklet may be made available to the stakeholders of the technical education on cost basis. The mandatory disclosure information shall be put on the Institution Website. The information shall be revised every year with updated information about all aspects of the institution.

   (c) That it shall be mandatory for the technical institution to maintain a Website providing the prescribed information. The Website information must be continuously updated as and when changes take place.

   (d) That a compliance report in the prescribed format along with mandatory disclosures on fulfillment of the above conditions, shall be submitted each year by the Institution within the time limit prescribed by the Council from time to time i.e. 31st August 2009 for the current year.

   (e) That if Technical Institution fails to disclose the information or suppress and/ or misrepresent the information, appropriate action could be initiated including withdrawal of AICTE approval.

8. That all the laboratories, workshops etc. shall be equipped as per the syllabi of the concerned affiliated University and shall be in operational condition before making admissions.

9. That a library shall be established with adequate number of titles, books, journals (both Indian & Foreign) etc as per AICTE norms.

10. That a computer center with adequate number of terminals, Printers etc. shall be established as per AICTE norms.

11. AICTE may carry out random inspections round the year for verifying the status of the Institutions to ensure maintenance of norms and standards.

12. That the AICTE may also conduct inspections with or without notifying the dates to verify specific complaints of mis-representation, violation of norms and standards, mal-practices etc.

13. That the Institution by virtue of the approval given by Council shall not automatically become claimant to any grant-in-aid form the Central or State Government.

14. That in the event of a student/ candidate withdrawing before the starting of the course, the wait listed candidates should be given admission against the vacant seat. The entire fee collected from the student, after a deduction of the processing fee of not more than Rs. 1000/- (Rupees One thousand only) shall be refunded and returned by the Institution / University to the student/ candidate withdrawing from the programme. It would not be permissible for Institutions and Universities to retain the School/ Institution Leaving Certificates in original to force retention of admitted students (See Public Notice AICTE/ DPG/ 03(01) /2008)

15. The Institute shall take appropriate measures for prevention of ragging in any form, in the light of directions of Supreme Court of India in Writ Petition No. © 656/1998. Incase of failure to prevent the instances of ragging by the Institutions, the Council shall take appropriate action including withdrawal of approval .

16. That the institution shall provide the following facilities for the physically challenged persons.

   (a) Class rooms, toilets and hostels to be made accessible to wheel chair users.
   (b) Resource room for visually impaired students.
   (c) Accessible Library
   (d) Counseling Centre for disabled students
   (e) Facility of Sign Language Interpreter
   (f) All students needing assistive devices to be provided such devices

17. That the Management shall strictly follow further conditions as may be specified by the Council from time to time.

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Royal College of Engineering and Technolgy

F. No. 06/06/KER/ENGG/2002/005

18. In the event of non-compliance by the ROYAL COLLEGE OF ENGG. & TECH. AKKIKAVU P.O.-680 519, THRISSUR DIST. KERALA with regard to guidelines, norms and conditions prescribed from time to time the Council shall be free to take measures for withdrawal of its approval or recognition, without consideration of any related issues and that all liabilities arising out of such withdrawal would solely be that of ROYAL COLLEGE OF ENGG. & TECH. AKKIKAVU P.O.-680 519, THRISSUR DIST. KERALA.

Yours faithfully,

(DevVrat Singh)
Adviser (E&T)
28-5-2009

Copy to:

1. The Regional Officer,
    Southern West Regional Office, AICTE
    Banaglore University Campus, P.K.Block,
    Palace Road, Bangalore – 560 009

2. The Commissioner of Tech. Education,
    Govt. of Kerala Padmavilasm Fort Road,
    Thiruvananathapuram – 695 023

3. The Principal/ Director,
    ROYAL COLLEGE OF ENGG. & TECH.
    AKKIKAVU P.O.-680 519,
    THRISSUR DIST. KERALA
    (Relevant AICTE regulations / notifications / guidelines pertaining to Admission, Fees and Tuitions Fees waiver schemes are also annexed).

4. The Registrar,
    Concerned University
    (He is requested to complete the process of affiliation for facilitating admissions).

5. Guard File (AICTE)

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Royal College of Engineering and Technolgy
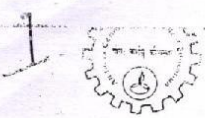
ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

(भारत सरकार का सांविधिक निकाय) (A statutory body of the Govt. of India)

F. No. 06/06/KER/ENGG/2002/005

May 2, 2008

To,

The Principal Secretary to Govt.,
Higher Education Department
Govt. Secretariat
Thiruvananthapuram – 695 001
Kerala

Sub: Extension of approval to ROYAL COLLEGE OF ENGG & TECH. AKKIKAVU P.O.-680 519, THRISSUR DIST. KERALA

Sir,

As per the Regulations notified by the Council vide F.No. 37-3/Legal/2004 dated 14th September 2006 and norms, standards, procedures and conditions prescribed by the Council from time to time and based on the recommendations of Appraisal Committee / Expert Committee, I am directed to convey the extension of approval of the Council to ROYAL COLLEGE OF ENGG. & TECH. AKKIKAVU P.O.-680 519, THRISSUR DIST. KERALA for conduct of the following courses with the intake indicated below:

Name of the Course (s)	Existing Intake	Revised Intake	Period of approval
APPLIED ELECTRONICS & INSTRUMENTATION	60	60	
CIVIL ENGINEERING	60	60	
COMPUTER SCIENCE & ENGINEERING	60	60	
ELECTRONICS & COMMUNICATION ENGG	60	60	2008-09
Total	240	240	

The compliance Report along with requisite processing fee is required to be submitted every year by 31st August irrespective of the period of approval.

The above approval is subject to rectification of the following observations / deficiencies / specific conditions by 31st August 2008.

Faculty :

* Director is not qualified as per AICTE norms, hence a new director with requisite qualification and experience to be appointed.
* Faculty with proper cadre ratio, requisite qualifications and experience to be appointed in all the disciplines as per AICTE norms.
* The faculty shortfall in various branches is as follows:

Course (s)	Faculty required	Faculty available	Shortfall Number
APPLIED ELECTRONICS & INSTRU	16	09	05
CIVIL ENGINEERING	16	14	02
COMPUTER SCIENCE & ENGINEERING	16	12	04
E&S	16	14	02

LIBRARY FACILITY:

* Number of Titles of books/volumes/Journals is as per AICTE norms.

For Royal College of Engineering & Technology

Contd.. 2/

Prof. T.E. Mohamed
Chief Executive Officer

7 वाँ तल, चन्दलोक भवन, जनपथ, नई दिल्ली–110001
7th Floor, Chander Lok Building, Janpath, New Delhi-110001
Phone : 011-23724151-57 Fax : 011-23724183   Website : www.aicte.ernet.in

295 330

The institution is required to submit two copies of the Compliance Report, indicating the rectification of deficiencies and mandatory disclosure and details of faculty recruited for each course in the prescribed format (available at AICTE www.aicte ernet in) to the concerned Regional Office, latest by 31st August 2008 for consideration of approval beyond the 2008-09. It may be noted that all the institutions are required to submit the compliance Report alongwith n processing fee by 31st August every year irrespective of the period of approval.

The Compliance Report must be accompanied with a processing fee of Rs. 40,000/- in the form of demand draft in the l Member Secretary, AICTE, payable at New Delhi. In the absence of processing fee the Compliance Report will entertained. Following the Compliance report, the Council would verify the status in respect of rectification of defic through surprise random inspection without any prior notice.

The above approval if granted after rectification of deficiencies would be subject to the fulfillment of the following r conditions.

1   That the management shall provide adequate funds for development of land and for providing related infrastructural, instructional and other facilities as per norms and standards laid down by the Council from time to time and for meeting recurring expenditure.

2   (a)   That the admission shall be made only after adequate infrastructure and all other facilities are provided as per norms and guidelines of the AICTE.

    (b)   That the admissions shall be made in accordance with the regulations notified by the Council from time to time.

    (c)   That the curriculum of the course, the procedure for evaluation/ assessment of students shall be in accordance with the norms prescribed by the AICTE.

    (d)   That the Institution shall not allow closure of the Institution or discontinuation of the course(s) or start any new course(s) or alter intake capacity of seats without the prior approval of the Council.

    (e)   That no excess admission shall be made by the Institution over and above the approved intake under any circumstances. In case any excess admission is reported to the Council, appropriate penal action including withdrawal of approval shall be initiated against the Institution

    (f)   That the institutions shall not have any collaborative arrangements with any Indian and/ or Foreign Universities for conduct of technical courses other than those approved by AICTE without obtaining prior approval from AICTE. In case any violation is reported to the Council, appropriate penal action including withdrawal of approval shall be initiated against the Institution

    (g)   That the Institution shall not conduct any course(s) in the field of technical education in the same premises/ campus and / or in the name of the Institution without prior permission/ approval of AICTE. In case any violation is reported to the Council, appropriate penal action including withdrawal of approval shall be initiated against the Institution

    (h)   The institution shall not conduct any non-technical course(s) in the same premises/ campus under any circumstances. In case any violation is reported to the Council, appropriate penal action including withdrawal of approval shall be initiated against the Institution

3   That the institution shall operate only from the approved location, and that the institution shall not open any off campus study centers/ extension centers directly or in collaboration with any other institution/ university/ organization for the purpose of imparting technical education without obtaining prior approval from the AICTE.

4   That the tuition and other fees shall be charged as prescribed by the Competent Authority within the overall criteria prescribed by the Council from time to time. No capitation fee shall be charged from the students/ guardians of students in any form.

5   That the accounts of the Institution shall be audited annually by a certified Chartered Accountant and shall be open for inspection by the Council or any body or persons authorized by it.

contd.. 3/-

For Royal College of Engineering &
Technology

Prof. T.E. Mohamed   29/4/08
Chief Executive Officer

296   33/

Royal College of Engineering and Technolgy

6. That the Director/ Principal and the teaching and other staff shall be selected according to procedures, qualifications and experience prescribed by the Council from time to time and pay scales are as per the norms prescribed by the Council from time to time.

7. (a) That the institution shall furnish requisite returns and reports as desired by AICTE in order to ensure proper maintenance of administrative and academic standards.

(b) That the technical institution shall publish an information booklet before commencement of the academic year giving details regarding the institution and courses/ programmes being conducted and details of infrastructural facilities including faculty etc. in the form of mandatory disclosure. The information booklet may be made available to the stakeholders of the technical education on cost basis. The mandatory disclosure information shall be put on the Institution Website. The information shall be revised every year with updated information about all aspects of the institution.

(c) That it shall be mandatory for the technical institution to maintain a Website providing the prescribed information. The Website information must be continuously updated as and when changes take place.

(d) That a compliance report in the prescribed format along with mandatory disclosures on fulfillment of the above conditions, shall be submitted each year by the Institution within the time limit prescribed by the Council from time to time i.e. 31st August 2008 for the current year.

(e) That if Technical Institution fails to disclose the information or suppress and/ or misrepresent the information, appropriate action could be initiated including withdrawal of AICTE approval.

8. That all the laboratories, workshops etc. shall be equipped as per the syllabi of the concerned affiliated University and shall be in operational condition before making admissions.

9. That a library shall be established with adequate number of titles, books, journals (both Indian & Foreign) etc as per AICTE norms.

That a computer center with adequate number of terminals, Printers etc. shall be established as per AICTE norms.

AICTE may carry out random inspections round the year for verifying the status of the institutions to ensure maintenance of norms and standards.

12. That the AICTE may also conduct inspections with or without notifying the dates to verify specific complaints of mis-representation, violation of norms and standards, mal-practices etc.

13. That the Institution by virtue of the approval given by Council shall not automatically become claimant to any grant-in-aid form the Central or State Government.

14. That in the event of student/candidate withdrawing before the starting of the course, the wait listed candidates should be given admission against the vacant seat. The entire fee collected from the student, after a deduction of the processing fee of not more than Rs. 1000/- (Rupees one thousand only) shall be refunded and returned by the Institution/University to the student/candidate withdrawing from the programme. It would not be permissible for Institutions and Universities to retain the School/Institution Leaving Certificate in original to force retention of admitted students (See Public Notice aicte/DPG/03(01)/2008)

15. The Institute shall take appropriate measures for prevention of ragging in any form, in the light of directions of Supreme Court of India in Writ Petition No. © 656/1998. Incase of failure to prevent the instances of ragging by the Institutions, the Council shall take appropriate action including withdrawal of approval.

16. That the Management shall strictly follow further conditions as may be specified by the Council from time to time.

For Royal College of Engineering &
Technology

Prof. T.E. Mohamed 27/9/08
Chief Executive Officer

297 33D

Royal College of Engineering and Technolgy

17. In the event of non-compliance by the ROYAL COLLEGE OF ENGG. & TECH. AKKIKAVU P.O.-680 519, THRISSUR DIST. KERALA with regard to guidelines, norms and conditions prescribed from time to time the Council shall be free to take measures for withdrawal of its approval or recognition, without consideration of any related issues and that all liabilities arising out of such withdrawal would solely be that of ROYAL COLLEGE OF ENGG. & TECH. AKKIKAVU P.O.-680 519, THRISSUR DIST. KERALA .

Yours faithfully,

(Harish C. Rai)
Adviser- UG/PG (E&T)

Copy to:

1. The Principal,
   ROYAL COLLEGE OF ENGG. & TECH.
   AKKIKAVU P.O.-680 519,
   THRISSUR DIST.
   KERALA

2. The Regional Officer, AICTE South West Regional Office,
   Bangalore University Campus P.K. Block,
   Palace Road, Bangalore – 560 009.

3. The Commissioner of Tech. Education,
   Govt. of Kerala Padmavilasm Fort Road,
   Thiruvananathapuram – 695 023.

4. The Registrar, concerned University.
   (He is requested to complete the process of affiliation for facilitating admissions).

5. Guard File (UG/PG).

For Royal College of Engineering &
Technology

Prof. T. E. Mohamed
Chief Executive Officer

288 333

Royal College of Engineering and Technolgy

अखिल भारतीय तकनीकी शिक्षा परिषद्
ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
(भारत सरकार का एक सांविधिक निकाय) (A STATUTORY BODY OF THE GOVT. OF INDIA)

F. No. 06/06/KER/ENGG/2002/005
June 1, 2007

REVISED ORDER

To

The Principal Secretary to Government,
Higher Education Department,
Govt. Secretariat,
Thiruvananthapuram – 695 001
Kerala.

Sub : Extension of Approval to ROYAL COLLEGE OF ENGG. & TECH. AKKIKAVU P.O.-680 519, THRISSUR DIST. KERALA for the year 2007-2008 – reg.

Ref. : Letter of even no dated 08.05.2007.

Sir,

In continuation to Council's letter referred above I am directed to state that in pursuance of the compliance submitted by institution, the revised intake for the year 2007-2008 in respect of ROYAL COLLEGE OF ENGG. & TECH. AKKIKAVU P.O.-680 519, THRISSUR DIST. KERALA is as under :

Name of the Course(s)	Existing Intake 2007-2008	Revised Intake 2007-2008
APPLIED ELECTRONICS & INSTRUMENTATION	60	60
CIVIL ENGINEERING	60	60
COMPUTER SCIENCE & ENGINEERING	45	60
ELECTRONICS & COMMUNICATION ENGG.	60	60
TOTAL	225	240

All other terms and conditions mentioned in the letter referred above, remain unchanged.

Yours faithfully,

(Harish C. Rai)
Adviser - UG/PG (E&T)

Copy to:

1. The Principal
   ROYAL COLLEGE OF ENGG. & TECH.
   AKKIKAVU P.O.-680 519,
   THRISSUR DIST. KERALA

2. The Regional Officer, AICTE Southern West Regional Office, Banaglore University Campus, P.K.Block, Pa Road, Bangalore – 560 009..

3. The Registrar, concerned University.
   (He is requested to complete the process of affiliation for facilitating admissions).

4. The Director of Tech. Education, Govt. of Kerala Padmavilasm Fort Road, Thiruvananathapuram – 695 023.

5. Guard File.

COPY TO CEO FOR INFORMATION

25/6

इंदिरा गांधी खेल परिसर, इन्द्रप्रस्थ एस्टेट, नई दिल्ली – 110002
Indira Gandhi Sports Complex, I. P. Estate, New Delhi-110 002
दूरभाष / Phone : 23392506, 63-65-68, 71, 73 -75 फैक्स / Fax : 011-23392554
वैबसाइट / Website : www.aicte.ernet.in

Royal College of Engineering and Technolgy

अखिल भारतीय तकनीकी शिक्षा परिषद्

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
(भारत सरकार का एक सांविधिक निकाय) (A STATUTORY BODY OF THE GOVT. OF INDIA)

REDUCED INTAKE

F. No. 06/06/KER/ENGG/2002/005
May 8, 2007

To,

The Director/Principal
ROYAL COLLEGE OF ENGG. & TECH.
AKKIKAVU P.O.-680 519,
THRISSUR DIST.
KERALA

Sub: AICTE approval to ROYAL COLLEGE OF ENGG. & TECH. AKKIKAVU P.O.-680 519, THRISSUR DIST. KERALA for extension of approval for the academic year 2007-08.

Sir

As per the Regulations notified by the Council vide F.No. 37-3/Legal/2004 dated 14th September, 2006 and norms, standards, procedures and conditions prescribed by the Council from time to time and based on the recommendations of the Appraisal Committee/ Expert Committee, I am directed to convey that your institution has been placed under *Reduced Intake Category* as per the details given below:

Name of the Course(s)	Existing Intake	Revised Intake	Period of approval
APPLIED ELECTRONICS & INSTRUMENTATION	60	60	
CIVIL ENGINEERING	60	60	2007-2008
COMPUTER SCIENCE & ENGINEERING	60	(45)	
ELECTRONICS & COMMUNICATION ENGG.	60	60	
TOTAL	240	225	

The major deficiencies for placing your institution under *Reduced Intake Category* are as given below:

➢ FACULTY:

Course (s)	No. of Faculty Required	No. of Faculty Available	Shortfall in Faculty (in %)
COMPUTER SCIENCE & ENGINEERING	12	7	5/42
H&S	16	6	10/63

➢ BUILT UP AREA

Built up area is short by 792 sqm (available are 10440 sqm against a requirement of 11342 sqm) i.e. 7 % shortfall.

In case your institution is interested for restoration of intake after rectification of the deficiencies mentioned above, you are advised to refer to the Guidelines for extension of approval for 2007-08 and Restoration Policy on the AICTE website. It may further be noted that all the above-mentioned deficiencies are required to be rectified by 15th June, 2007 for consideration of restoration of intake proportionately.

However, your institution is also found to be suffering from the deficiencies mentioned below which need to be rectified by 31st August 2007

Other Deficiencies:

- Faculty with proper cadre ratio, requisite qualifications and experience to be appointed in all the disciplines as per AICTE norms.
- AICTE pay scales to be implemented for all faculty members.
- The institution has not complied with the deficiencies communicated in the last approval letter.
- Number of Journals to be increased as per AICTE norms.

Forwarded to MO for information

To Executive Committee

Royal College of Engineering and Technolgy

• Short fall of computers is as follows:.

Required	Available	Shortfall No/ %
240	151	89/37

The institution is required to submit two copies of the Compliance Report, indicating the rectification of deficiencies along with mandatory disclosure and details of faculty recruited for each course in the prescribed format (available at AICTE Website www.aicte.ernet.in) to the concerned Regional Office latest by 31st August 2007 for consideration of approval beyond the session 2007-08.

The Compliance Report must be accompanied with a processing fee of Rs. 40,000/- in the form of demand draft in the favour of Member Secretary, AICTE, payable at New Delhi. In the absence of processing fee the Compliance Report will not be entertained. Following the Compliance report, the Council would verify the status in respect of rectification of deficiencies through surprise random inspection without any prior notice.

The above approval is subject to the fulfillment of the following general conditions:

1. That the management shall provide adequate funds for development of land and for providing related infrastructural, instructional and other facilities as per norms and standards laid down by the Council from time to time and for meeting recurring expenditure.

2. (a) That the admission shall be made only after adequate infrastructure and all other facilities are provided as per norms and guidelines of the AICTE.

   (b) That the admissions shall be made in accordance with the regulations notified by the Council from time to time.

   (c) That the curriculum of the course, the procedure for evaluation/ assessment of students shall be in accordance with the norms prescribed by the AICTE.

   (d) That the Institution shall not allow closure of the Institution or discontinuation of the course(s) or start any new course(s) or alter intake capacity of seats without the prior approval of the Council.

   (e) That no excess admission shall be made by the Institution over and above the approved intake under any circumstances. In case any excess admission is reported to the Council, appropriate penal action including withdrawal of approval shall be initiated against the Institution

   (f) That the institutions shall not have any collaborative arrangements with any Indian and/ or Foreign Universities for conduct of technical courses other than those approved by AICTE without obtaining prior approval from AICTE. In case any violation is reported to the Council, appropriate penal action including withdrawal of approval shall be initiated against the Institution

   (g) That the institution shall not conduct any course(s) in the field of technical education in the same premises/ campus and / or in the name of the Institution without prior permission/ approval of AICTE. In case any violation is reported to the Council, appropriate penal action including withdrawal of approval shall be initiated against the Institution.

   (h) The institution shall not conduct any non-technical course(s) in the same premises/ campus under any circumstances. In case any violation is reported to the Council, appropriate penal action including withdrawal of approval shall be initiated against the Institution.

Royal College of Engineering and Technolgy

3   That the institution shall operate only from the approved location, and that the institution shall not open any off campus study centers/ extension centers directly or in collaboration with any other institution/ university/ organization for the purpose of imparting technical education without obtaining prior approval from the AICTE.

4   That the tuition and other fees shall be charged as prescribed by the Competent Authority within the overall criteria prescribed by the Council from time to time. No capitation fee shall be charged from the students/ guardians of students in any form.

5   That the accounts of the Institution shall be audited annually by a certified Chartered Accountant and shall be open for inspection by the Council or any body or persons authorized by it.

6   That the Director/ Principal and the teaching and other staff shall be selected according to procedures, qualifications and experience prescribed by the Council from time to time and pay scales are as per the norms prescribed by the Council from time to time.

7   (a)   That the institution shall furnish requisite returns and reports as desired by AICTE in order to ensure proper maintenance of administrative and academic standards.

     (b)   That the technical institution shall publish an information booklet before commencement of the academic year giving details regarding the institution and courses/ programmes being conducted and details of infrastructural facilities including faculty etc. in the form of mandatory disclosure. The information booklet may be made available to the stakeholders of the technical education on cost basis. The mandatory disclosure information shall be put on the Institution Website. The information shall be revised every year with updated information about all aspects of the institution.

     (c)   That it shall be mandatory for the technical institution to maintain a Website providing the prescribed information. The Website information must be continuously updated as and when changes take place.

     (d)   That a compliance report in the prescribed format along with mandatory disclosures on fulfillment of the above conditions, shall be submitted each year by the Institution within the time limit prescribed by the Council from time to time i.e. 31st August 2007 for the current year.

     (e)   That if Technical Institution fails to disclose the information or suppress and/ or misrepresent the information, appropriate action could be initiated including withdrawal of AICTE approval.

8   That all the laboratories, workshops etc. shall be equipped as per the syllabi of the concerned affiliated University and shall be in operational condition before making admissions.

9   That a library shall be established with adequate number of titles, books, journals (both Indian & Foreign) etc as per AICTE norms.

10   That a computer center with adequate number of terminals, Printers etc. shall be established as per AICTE norms.

11   AICTE may carry out random inspections round the year for verifying the status of the Institutions to ensure maintenance of norms and standards.

12   That the AICTE may also conduct inspections with or without notifying the dates to verify specific complaints of mis-representation, violation of norms and standards, mal-practices etc.

13   That the Institution by virtue of the approval given by Council shall not automatically become claimant to any grant-in-aid form the Central or State Government.

14   That the Management shall strictly follow further conditions as may be specified by the Council from time to time.

Royal College of Engineering and Technolgy

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15 In the event of non-compliance by the ROYAL COLLEGE OF ENGG. & TECH. AKKIKAVU P.O.-680 519, THRISSUR DIST. KERALA   with regard to guidelines, norms and conditions prescribed from time to time the Council shall be free to take measures for withdrawal of its approval or recognition, without consideration of any related issues and that all liabilities arising out of such withdrawal would solely be that of ROYAL COLLEGE OF ENGG. & TECH. AKKIKAVU P.O.-680 519, THRISSUR DIST. KERALA

Yours faithfully,

(Harish C. Rai)
Adviser (E&T)

Copy to:

1.   The Principal Secretary to Govt.
      Higher Education Department
      Govt. Secretariat
      Thiruvananthapuram-695 001 Kerala

2.   The Commissioner of Technical Education
      Govt. of Kerala
      Padmavilasm Fort Road
      Thiruvananthapuram-695 023

3.   The Registrar, .

4.   The Regional Officer, AICTE Southern West Regional Office, Banaglore University Campus, P.K.Block, Palace Road, Bangalore – 560 009.

5.   Guard File Bureau (E&T).

Royal College of Engineering and Technolgy

अखिल भारतीय तकनीकी शिक्षा परिषद्
ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
(भारत सरकार का एक सांविधिक निकाय) (A STATUTORY BODY OF THE GOVT. OF INDIA)

F. No.

Date: 15/05/2006

To,

The Principal Secretary to Government,
Higher Education Department,
Govt. Secretariat,
Thiruvananthapuram – 695 001 Kerala.
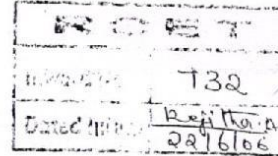
Sub: AICTE approval for extension / increase / variation in intake / introduction of additional courses to the ROYAL COLLEGE OF ENGG. & TECH. AKKIKAVU P.O.-680 519, THRISSUR DIST. KERALA for the academic year 2006-07.

Sir,

As per the Regulations notified by the Council vide F.No. 37-3/Legal/2004 dated 28th November 2005 and norms, standards, procedures and conditions prescribed by the Council from time to time the compliance report / proposal for increase / variation in intake / introduction of additional courses submitted by ROYAL COLLEGE OF ENGG. & TECH. AKKIKAVU P.O.-680 519, THRISSUR DIST. KERALA has been processed through an Appraisal Committee / Hearing Committee and I am directed to convey the approval of the Council for the courses and intake as per the details given below:

Name of the Course(s)	Existing Intake	Revised Intake	Period of approval
APPLIED ELECTRONICS & INSTRU.	60	60	
CIVIL ENGG.	60	60	
COMPUTER SCIENCE & ENGG.	60	60	2006-2007
ELECTRONICS & COMM. ENGG.	60	60	
Total --→	240	240	

The above approval is subject to rectification of the following observations / deficiencies / specific conditions by 31st August 2006.

❖ Faculty short fall in Applied Electronics & Instrumentation by 25%.

❖ Faculty short fall in Computer Science & Engineering by 37.5%.

Contd.. 2/-

इंदिरा गांधी खेल परिसर, इन्द्रप्रस्थ एस्टेट, नई दिल्ली – 110002
Indira Gandhi Sports Complex, I. P. Estate, New Delhi-110 002
दूरभाष / Phone : 23392506, 63-65-68, 71, 73-75 फैक्स / Fax : 011-23392554
वेबसाइट / Website : www.aicte.ernet.in

Royal College of Engineering and Technolgy

The institution is required to submit two copies of the Compliance Report, indicating the rectification of deficiencies, along with mandatory disclosure and details of faculty recruited for each course in the prescribed format (available at AICTE Website www.aicte.ernet.in) to the concerned Regional Office latest by 31st August 2006 for consideration of approval beyond the session 2006-07.

The Compliance Report must be accompanied with a processing fee of Rs. 40,000/- in the form of demand draft in the favour of Member Secretary, AICTE, payable at New Delhi. In the absence of processing fee the Compliance Report will not be entertained. Following the Compliance report, the Council would verify the status in respect of rectification of deficiencies through surprise random inspection without any prior notice.

The above approval if granted after rectification of deficiencies would be subject to the fulfillment of the following general conditions:

1. That the management shall provide adequate funds for development of land and for providing related infrastructural, instructional and other facilities as per norms and standards laid down by the Council from time to time and for meeting recurring expenditure.

2. (a) That the admission shall be made only after adequate infrastructure and all other facilities are provided as per norms and guidelines of the AICTE.

   (b) That the admissions shall be made in accordance with the regulations notified by the Council from time to time.

   (c) That the curriculum of the course, the procedure for evaluation/ assessment of students shall be in accordance with the norms prescribed by the AICTE.

   (d) That the Institution shall not allow closure of the Institution or discontinuation of the course(s) or start any new course(s) or alter intake capacity of seats without the prior approval of the Council.

   (e) That no excess admission shall be made by the Institution over and above the approved intake under any circumstances. In case any excess admission is reported to the Council, appropriate penal action including withdrawal of approval shall be initiated against the Institution

   (f) That the institutions shall not have any collaborative arrangements with any Indian and/ or Foreign Universities for conduct of technical courses other than those approved by AICTE without obtaining prior approval from AICTE. In case any violation is reported to the Council, appropriate penal action including withdrawal of approval shall be initiated against the Institution

   (g) That the Institution shall not conduct any course(s) in the field of technical education in the same premises/ campus and / or in the name of the Institution without prior permission/ approval of AICTE. In case any violation is reported to the Council, appropriate penal action including withdrawal of approval shall be initiated against the Institution

   (h) The institution shall not conduct any non-technical course(s) in the same premises/ campus under any circumstances. In case any violation is reported to the Council, appropriate penal action including withdrawal of approval shall be initiated against the Institution

3   That the institution shall operate only from the approved location, and that the institution shall not open any off campus study centers/ extension centers directly or in collaboration with any other institution/ university/ organization for the purpose of imparting technical education without obtaining prior approval from the AICTE.

4   That the tuition and other fees shall be charged as prescribed by the Competent Authority within the overall criteria prescribed by the Council from time to time. No capitation fee shall be charged from the students/ guardians of students in any form.

5· That the accounts of the Institution shall be audited annually by a certified Chartered Accountant and shall be open for inspection by the Council or any body or persons authorized by it.

6   That the Director/ Principal and the teaching and other staff shall be selected according to procedures, qualifications and experience prescribed by the Council from time to time and pay scales are as per the norms prescribed by the Council from time to time.

7   (a)   That the institution shall furnish requisite returns and reports as desired by AICTE in order to ensure proper maintenance of administrative and academic standards.

    (b)   That the technical institution shall publish an information booklet before commencement of the academic year giving details regarding the institution and courses/ programmes being conducted and details of infrastructural facilities including faculty etc. in the form of mandatory disclosure. The information booklet may be made available to the stakeholders of the technical education on cost basis. The mandatory disclosure information shall be put on the Institution Website. The information shall be revised every year with updated information about all aspects of the institution.

    (c)   That it shall be mandatory for the technical institution to maintain a Website providing the prescribed information. The Website information must be continuously updated as and when changes take place.

    (d)   That a compliance report in the prescribed format along with mandatory disclosures on fulfillment of the above conditions, shall be submitted each year by the Institution within the time limit prescribed by the Council from time to time i.e. 31st August 2006 for the current year.

    (e)   That if Technical Institution fails to disclose the information or suppress and/ or misrepresent the information, appropriate action could be initiated including withdrawal of AICTE approval.

8   That all the laboratories, workshops etc. shall be equipped as per the syllabi of the concerned affiliated University and shall be in operational condition before making admissions.

9   That a library shall be established with adequate number of titles, books, journals (both Indian & Foreign) etc as per AICTE norms.

10 That a computer center with adequate number of terminals, Printers etc. shall be established as per AICTE norms.

11 AICTE may carry out random inspections round the year for verifying the status of the Institutions to ensure maintenance of norms and standards.

12 That the AICTE may also conduct inspections with or without notifying the dates to verify specific complaints of mis-representation, violation of norms and standards, mal-practices etc.

13 That the Institution by virtue of the approval given by Council shall not automatically become claimant to any grant-in-aid form the Central or State Government.

14 That the Management shall strictly follow further conditions as may be specified by the Council from time to time.

Royal College of Engineering and Technolgy

- 4 -

14. In the event of non-compliance by the ROYAL COLLEGE OF ENGG. & TECH. AKKIKAVU P.O.-680 519, THRISSUR DIST. KERALA with regard to guidelines, norms and conditions prescribed from time to time-the Council shall be free to take measures for withdrawal of its approval or recognition, without consideration of any related issues and that all liabilities arising out of such withdrawal would solely be that of ROYAL COLLEGE OF ENGG. & TECH. AKKIKAVU P.O.-680 519, THRISSUR DIST. KERALA .

Yours faithfully,

(Harish C. Rai)
Adviser- UG/PG (E&T)

Copy to:

1. The Principal,
   ROYAL COLLEGE OF ENGG. & TECH.
   AKKIKAVU P.O.-680 519,
   THRISSUR DIST.
   KERALA

2. The Regional Officer, AICTE South West Regional Office, Bangalore University Campus P.K. Block, Palace Road, Bangalore.– 560 009.

3. The Commissioner of Tech. Education, Govt. of Kerala Padmavilasm Fort Road, Thiruvananathapuram – 695 023.

4. The Registrar, concerned University.
   (He is requested to complete the process of affiliation for facilitating admissions).

5. Guard File (UG/PG).

July 1, 2005

To

The Principal Secretary to Government
Higher Education Department,
Govt. Secretariat, Thiruvananthapuram-695 001
KERALA

Sub: Extension of approval to ROYAL COLLEGE OF ENGG. & TECH. AKKIKAVU P.O.-680 519,
       THRISSUR DIST. KERALA , for the year 2005-06-reg.

Sir/ Madam,

As you are aware, All India Council for Technical Education has been mandated under the AICTE Act, 1987 to ensure maintenance of norms and standards with regard to technical education in the country. In exercise of this mandate, the Council insists on fulfillment of the minimum requirements prescribed for imparting technical education by the institution so that quality of courses is not compromised and stakeholders are satisfied. The Council also undertakes an annual Inspection of the institutions and conveys deficiencies to them for rectification.

It has been observed however that notwithstanding the Council's repeated advice to comply with minimum norms and standards, many institutions continue to be complacent about taking steps to remedy the deficiencies.

Such institutions suffer from critical deficiencies of faculty in proper cadre ratio, qualification, experience and other requirements. Feed back of students with regard to quality of education imparted by such institutions has evoked grave concern. The Expert Committees, following holistic appraisal during inspections, have also pointed out severe shortcomings

The institution has been found to be suffering from several deficiencies, which are listed in Annexure-A for your perusal. · Shortage of faculty is of gravest concern.

The deficiencies in respect of faculty (including proper cadre ratio & qualification etc.) could have rendered your institution liable for punitive action including being placed in no admission/ reduced intake category. However the Council has decided to take a lenient view and give you yet another last opportunity to rectify the deficiencies particularly with regard to faculty shortage, proper cadre ratio & requisite qualification. Course-wise approved intake in respect of ROYAL COLLEGE OF ENGG. & TECH. AKKIKAVU P.O.-680 519, THRISSUR DIST. KERALA, your institution for the year 2005-06 is as under: -

COURSE (S)	APPROVED INTAKE 2004-05	APPROVED INTAKE 2005-06
COMPUTER SCIENCE & ENGG.	60	60
APPLIED ELECTRONICS & INSTRU.	60	60
CIVIL ENGG.	60	60
ELECTRONICS & COMM. ENGG.	60	60
TOTAL	240	240

Royal College of Engineering and Technolgy

Note: - Additional intake/new courses/PIO quota not granted on account of deficiencies in respect of running existing courses/intake.

The above approval is subject to your rectification of deficiencies latest by August end, 2005. A compliance report indicating rectification of deficiencies and details of faculty recruited for each course must be received by the Council; with a copy to concerned Regional Officer latest by 31st August, 2005 to entitle your institution for extension of approval for the year 2006-07.

The compliance report must be accompanied with a visiting/processing fee as prescribed by the Council in the form of demand draft in favour of Member Secretary, AICTE payable at New Delhi. In the absence of the processing/visiting fee, the compliance report may not be entertained.

Following the compliance report, the Council would verify the status in respect of rectification of deficiencies through physical inspection without any prior intimation. The institution should therefore be prepared for random inspection without any prior notice. Extension of approval for the year 2006-07 shall be dependent on the compliance report and the outcome of the surprise inspection.

Enclosure:- Annexure-A

Note:- Letter also emailed at notified mail id. Details available on website www.aicte.ernet.in

Yours faithfully

(Dr. P. Venkateswara Rao)
Adviser (UG/ PG)

Copy to :

1. THE PRINCIPAL,
    ROYAL COLLEGE OF ENGG. & TECH.
    AKKIKAVU P.O.-680 519, THRISSUR DIST.
    KERALA

2   The Regional Officer, AICTE, South-West Regional Office, Bangalore University Campus, P.K.Block, Palace Road, Bangalore-560 009.

3. Director of Technical education, Govt. of Kerala , Padmavilasom Road, Fort Thiruvananthapuram-695 023

4. The Registrar,
    (He is requested to complete the process of affiliation for facilitating admissions).

5. Guard File.

Name and Address of the Institution	Programme
Royal College of Engineering & Technology Akkikavu P.O. - 680519, Thrissur District	Degree in Engineering

Faculty

- Senior faculty not available as per AICTE norms. The shortage at the level of Professors is 2(50%), and Asst. Professors is 7(78%).
- Most of the present faculty are only B.E qulified.
- AICTE pay scales not implemented.

Computers

- 100 more number of Computers to be procured.
- The Internet connectivity is very poor. Students are not given internet facilities at present efforts should be made to acquire reasonable broad band (1mbps) Network through optical fibre.

Laboratory / Library

- Lab space are not adequate.
- Some equipment / wiring for the conduct of Electrical Machines lab and Electronics lab are not in place.
- 2000 more books need to be procured. Shortage of journals.

Built-up Area

- The college has sufficient built-up area which is not being utilized properly.

Others

- Academic performance of the 1st batch is not satisfactory.
- Students expressed unhappiness over the conduct of laboratory experiments.
- There is general lack of sports and cultural activities. There is no campus health care arrangment.
- Academic ambience needs to be strengthened by enhancing the library and computation / internet facilities.

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Royal College of Engineering and Technolgy

अखिल भारतीय तकनीकी शिक्षा परिषद्
ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
(भारत सरकार का सांविधिक संस्थान) (A STATUTORY BODY OF THE GOVT. OF INDIA)

Date : 14-05-2004

To,
Principal Secretary to Government,
Higher Education Department,
Govt. Secretariat,
Thiruvananthapuram – 695 001.
KERALA.

Subject: Extension of approval of AICTE to ROYAL COLLEGE OF ENGG. & TECH., AKKIKAVU P.O.-680 519, THRISSUR DIST., KERALA, for the academic year 2004-2005.

Sir / Madam,

The Application / Proposal and / or the Compliance Report Received from **ROYAL COLLEGE OF ENGG. & TECH., AKKIKAVU P.O.-680 519, THRISSUR DIST., KERALA,** has been processed as per laid down procedure, guidelines, policy and / or norms and standards of AICTE, mentioned in AICTE Regulations and / or "AICTE Hand Book for Approval Process".

I am directed to state that the All India Council for Technical Education (AICTE) is pleased to accord approval to **ROYAL COLLEGE OF ENGG. & TECH., AKKIKAVU P.O.-680 519, THRISSUR DIST., KERALA,** for extension of AICTE Approval / Introduction of new course(s) / Variation in intake (Increase / Decrease), as applicable, for Under Graduate degree level course(s) in **Degree Engg.** with Annual Intake for each course as given below: -

FULL TIME COURSE(S)	EXISTING ANNUAL INTAKE	REVISED APPROVED INTAKE	ENTRY LEVEL	DURATION (YEARS)	PERIOD OF APPROVAL
COMPUTER SCIENCE & ENGG.	60	60	10+2	4 years	2004-05
APPLIED ELECTRONICS & INSTRU.	60	60	10+2	4 years	2004-05
CIVIL ENGG.	60	60	10+2	4 years	2004-05
ELECTRONICS & COMM. ENGG.	60	60	10+2	4 years	2004-05
TOTAL APPROVED INTAKE	240.	240.			

Royal College of Engineering and Technolgy

e Approval accorded above is subject to the conditions that any of the following is not violated or intervened during the period of validity of said approval:

1. The institution must continue to have Affiliation to a University for the above courses before making admissions. In the absence of such Affiliation this letter of approval shall be treated as Withdrawn (Order of the High Court of Madras in W. P No. 33256 of 2002 and other Batch of Petitions).

2. The approved course(s) shall commence as per the academic calendar of the Affiliating University.

3. If this letter of approval is received by you after the closing date of State / National Level Central Counseling for Admissions in the concerned State / Union Territory, this Letter of Approval will not be valid for making any admission during the above specified academic year, and shall be treated as withdrawn.

4. *No excess admission shall be made by the Institution during any academic year.*

5. The approval is valid only for the academic year 2004-2005. If no further extension of AICTE approval is received beyond the academic year 2004-2005, this Approval Letter will not be valid for making any admission for the subsequent years.

6. Any other condition(s) as may be specified by AICTE form time to time.

Consequent to the Supreme Court Judgment, the Model Constitution of Governing Body notified by AICTE in its approval Regulations 1994, stands overruled. It has been decided that while AICTE will not insist on any nomination in the Governing Body of Private Unaided Institutions, the Affiliating University / State Government shall impose minimum conditions of affiliation, such as, prescription of qualifications of Governing Body Members, in order to ensure academic excellence. It shall be desirable for the private unaided institutions to induct at least 50% of the members of the Governing Body drawn from renowned academia, academic administrators, Subject Experts and professionals from industry, in order to seek their innovative ideas for continuous improvement in the delivery of teaching learning process, matching best practices elsewhere and achieve excellence.

In exercise of power conferred under 10(p) of the AICTE Act, AICTE, may inspect the institution any time, it may deem fit to verify the progress / compliance or for any other purpose.

The suggested improvements, enclosed, herewith, should be complied with before the commencement of the next academic year, failing which appropriate action may be effected.
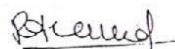
--------- 3

Prof. T.E. MOHAMED
Chief Co-ordinating Officer
All India Council for Technical Education

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Royal College of Engineering and Technolgy

In the event of infringement / contravention or non-compliance of the above Conditions and / or the provisions of AICTE Act & Regulations / Guidelines / Norms & Standards as prescribed by AICTE, further actions leading to "Reduced Intake" or "No Admission or Withdrawal of Approval, may be taken by AICTE and the liability arising out of such action shall be solely that of the Management of the Institution.

Yours faithfully,
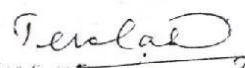
(Prof. R. S. Gaud)
Adviser (UG)

Encl.: Suggested Improvements (Specific Conditions) :

Copy to:

1. The Regional Officer, AICTE, South-Western Regional Office, Bangalore Univ. Campus, Place Rod, Bangalore - 560 009.

2. The Registrar, concerned Univ.

3. The Principal / Director
ROYAL COLLEGE OF ENGG. & TECH.
AKKIKAVU P.O.-680 519,, THRISSUR DIST.
KERALA,

4. The Director of Technical Education, Govt. of Kerala, Padmavilason Road, Fort, Thiruvananthapram- 695 023

5. Guard File, Bureau (UG), AICTE.

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अखिल भारतीय तकनीकी शिक्षा परिषद्

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

(भारत सरकार का सांविधिक संस्थान) (A STATUTORY BODY OF THE GOVT. OF INDIA)

06/06/KER/ENGG./2003/005

June 25, 2003

To

The Secretary to Govt.
Higher Education Dept.
Govt. Secretariat
Thiruvananthapuram-695 001
Kerala.

Sub: AICTE approval to **ROYAL EDUCATIONAL SOCIETY & RESEARCH CENTRE, AKKIKAVU P.O., THRISSUR DIST.-680 519,KERALA** for establishment of **ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY, AKKIKAVU P.O.-680 519, THRISSUR DISTRICT, KERALA (DEGREE ENGINEERING)**, in Academic year 2003-2004

Sir/Madam,

The Application/ Proposal received from **ROYAL EDUCATIONAL SOCIETY & RESEARCH CENTRE, AKKIKAVU P.O., THRISSUR DIST.-680 519,KERALA,** has been processed as per laid down procedure, guidelines, policy and/or norms & standards of AICTE, mentioned in **AICTE Regulations** and/ or **"AICTE Hand Book for Approval Process".**

I am directed to state that the All India council for Technical Education (AICTE) is pleased to accord approval for Establishment of **ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY, AKKIKAVU P.O.-680 519, THRISSUR DISTRICT, KERALA** for the academic year 2003-2004 to conduct Under-graduate degree level course(s) in Engineering /Technology with annual intake for each course as given below:

FULL TIME COURSE(S)	ANNUAL INTAKE	ENTRY LEVEL	DURATION (YEARS)	PERIOD OF APPROVAL
Computer Science & Engg.	60	10+2	4	2003-2004
Electronics & Comm.	60	10+2	4	2003-2004
Applied electronics & instrumentation	60	10+2	4	2003-2004
Civil Engg.	60	10+2	4	2003-2004

Total Annual Intake = 240

Manji Singh

इंदिरा गांधी खेल परिसर, इन्द्रप्रस्थ एस्टेट, नई दिल्ली – 110002
Indira Gandhi Sports Complex, I. P. Estate, New Delhi -110 002
दूरभाष / Phone : 23392506, 63-65-68, 71, 73 -75 फैक्स / Fax : 011-23392554
वैबसाइट / Website : www.aicte.ernet.in

Royal College of Engineering and Technolgy

The approval accorded above is subject to fulfillment of the following Conditions:

1. All full time faculty members as per AICTE Norms must be recruited before making admissions.

2. The Institution must have Affiliation to a University for the above courses before making admissions. In the absence of such Affiliation, this Letter of approval shall be treated as Withdrawn. (**Order of the High Court of Madras in W.P. No. 33256 of 2002 and other Batch of Petitions**).

3. All the required Laboratories/ Workshops/ Machineries/ Equipment, as per approved syllabi of the affiliating University, must be operational before making admissions.

4. The approved course(s) shall commence as per the academic calendar of the Affiliating University.

5. If this Letter of approval is received by you after the closing date of State / National Level Central Counseling for Admissions in the concerned State / Union Territory, this Letter of approval will not be valid for making any admission during the above specified academic year, and shall be treated as withdrawn.

6. No excess admission shall be made by the Institution during any academic year.

7. The approval is valid only for the academic year 2003-2004. If no further extension of AICTE approval is received beyond the academic year 2003-2004, this Approval Letter will not be valid for making any admission for the subsequent years.

8. Name of the Institution, Name of the Society/Trust, are not allowed to be changed without prior approval of AICTE. The name and title of the institution should be such that "**the Emblems and Names (Prevention of improper use) Act 12 (1950)**" of Government of India, is not violated in any manner.

The use of word "Indian" and /or "National" and/or "All India" and/or "All India Council" and/or Commission" in any part of the name of a Technical Institution and/ or any name whose abbreviated form leads to "IIM"/ "IIT"/"IISC"/"IIIT"/ "AICTE"/ "UGC" shall not be permitted. These restrictions will not be applicable for those institutions which are established with the name approved by the Govt. of India.
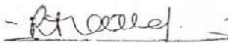
9. In exercise of power conferred under 10(p) of the AICTE Act, AICTE, may inspect the Institution any time it may deem fit to verify the progress/ compliance or for any other purpose.

10. Any other condition(s) as may be specified by AICTE from time to time.

It may please be noted that consequent to judgement of Hon'ble Supreme Court delivered on 31/10/2002 in TMA Pai Case, the AICTE had issued interim policy regulations, which has been notified in the Gazette of India on 20/03/2003. All the provisions contained in the interim policy regulations shall be applicable for the academic year 2003-2004 in respect of all the AICTE approved institutions.

In the event of infringement/ contravention or non-compliance of the above Conditions and/or the provision of AICTE Act & Regulations/ Guidelines/ Norms & Standards as prescribed by AICTE, further actions leading to 'Reduced Intake' or "No Admission or Withdrawal of Approval, may be taken by AICTE and the liability arising out of such actions will be solely that of the Management/ Trust/ Society and/ or the Institution.

Your faithfully,

(Prof. R.S. Gaud)
Adviser (UG)

Copy to:

1. The Regional Officer, South-West Regional Office, AICTE, Health Centre Building, Bangalore University Campus, Bangalore-560 009.

2. The Registrar, M.G.University

3. The Principal
   ROYAL COLLEGE OF ENGINEERING
   & TECHNOLOGY,
   AKKIKAVU P.O.-680 519,
   THRISSUR DISTRICT, KERALA

4. Guard File Bureau (UG)

Royal College of Engineering and Technolgy

All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)
Nelson Mandela Marg,Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org

APPROVAL PROCESS 2020-21 Extension of Approval (EoA) - Corrigendum

F.No. South-West/1-7003416577/2020/EOA/ Corrigendum-1

Date:04-Aug-2020

To,

The Principal Secretary,
Deptt. Of education, Govt. of Kerala,
Govt. Sectt. Annexe,
Thiruvananthapuram-695001

Sub: Extension of Approval for the Academic Year 2020-21

Ref: Application of the Institution for Extension of approval for the Academic Year 2020-21

EOA Issued on	F.No. South-West/1-7003416577/2020/EOA	15-Jun-2020
Corrigendum 1	F.No. South-West/1-7003416577/2020/EOA /Corrigendum-1	04-Aug-2020

Ref: Application of the Institution for Extension of Approval for the Academic Year 2020-21

Sir/Madam,
In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2020 notified by the Council vide notification number F.No. AB/AICTE/REG/2020 dated 4th February 2020 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Permanent Id	1-4472401	Application Id	1-7003416577
Name of the Institution	ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY	Name of the Society/Trust	ROYAL EDUCATIONAL SOCIETY & RESEARCH CENTRE
Institution Address	ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY, AKKIKAVU, PO-CHIRAMANANGADU, MARATHANCODE-VIA, THRISSUR-DIST, KERALA. PIN-680 604, THRISSUR, THRISSUR, Kerala, 680604	Society/Trust Address	AKKIKAVU, CHIRAMANANGAD P O, MARATHANCODE (VIA), THRISSUR,THRISSUR,THRISSUR ,Kerala,680604
Institution Type	Private-Self Financing	Region	South-West

To conduct following Courses with the Intake indicated below for the Academic Year 2020-21

Program	Level	Course	Affiliating Body (University /Body)	Intake Approved for 2019-20	Intake Approved for 2020-21	NRI Approval Status	PIO / FN / Gulf quota/ OCI/ Approval Status
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	MECHANICAL ENGINEERING	APJ Abdul Kalam Technological University, Kerala	120	60	Yes	NA

Application No:1-7003416577

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Page 1 of 4

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Royal College of Engineering and Technolgy

ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	APJ Abdul Kalam Technological University, Kerala	120	60	Yes	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	CIVIL ENGINEERING	APJ Abdul Kalam Technological University, Kerala	60	60	Yes	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	COMPUTER SCIENCE & ENGINEERING	APJ Abdul Kalam Technological University, Kerala	24	24	Yes	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	APJ Abdul Kalam Technological University, Kerala	0	60##	Yes	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ROBOTICS AND AUTOMATION	APJ Abdul Kalam Technological University, Kerala	0	60##	Yes	NA

Approved New Course(s)
$$ Course(s) should be offered in Emerging Area

Course(s) Applied for Closure by the Institution for the Academic Year 2020-21

Program	Level	Course	Affiliating Body (Univ/Body)	Course Closure Status
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	APJ Abdul Kalam Technological University, Kerala	Approved
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ELECTRONICS & COMMUNICATION ENGG	APJ Abdul Kalam Technological University, Kerala	Approved
ENGINEERING AND TECHNOLOGY	POST GRADUATE	COMMUNICATION ENGINEERING	APJ Abdul Kalam Technological University, Kerala	Approved

Approved Vocational Courses for 2020-21:

Sr.No.	Program	Level	Course (Specialization)	Intake Approved 2020-21
1.	ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	Electronic Manufacturing Services	30
2.	ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	Production Technology	30

Application No:1-7003416577   ALL INDIA COUNCIL FOR TECHNICAL EDUCATION   Page 2 of 4
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3.	ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	Software Development	30

Important General Conditions for Vocational Courses:

1. It is mandatory to comply with all the provisions as given in APH 2020-21 (Chapter VI) and also in the 'Guidelines for Institutions Applying for Running Vocational Courses' uploaded at www.aicte-india.org/education/vocational-education

2. The Institution will ensure that the minimum batch size of 10 students shall be maintained for each course.

3. The courses must be conducted as per the guidelines issued under SAMVAY (Skill Assessment Matrix for vertical advancement of Youth). Training under these courses must be aligned with the outcome at each level as prescribed under National Skill Qualification Framework (NSQF).

It is mandatory to comply with all the essential requirements as given in APH 2020-21 (Appendix 6)

Important Instructions

1. Corrigendum for-   1. Change in Course Name

2. The State Government/ UT/ Directorate of Technical Education/ Directorate of Medical Education shall ensure that 10% of reservation for Economically Weaker Section (EWS) as per the reservation policy for admission, operational from the Academic year 2020-21 is implemented without affecting the reservation percentages of SC/ ST/ OBC/ General. However, this would not be applicable in the case of Minority Institutions referred to the Clause (1) of Article 30 of Constitution of India. Such Institution shall be permitted to increase in annual permitted strength over a maximum period of two years beginning with the Academic Year 2020-21

3. The Institution offering courses earlier in the Regular Shift, First Shift, Second Shift/Part Time now amalgamated as total intake shall have to fulfil all facilities such as Infrastructure, Faculty and other requirements as per the norms specified in the Approval Process Handbook 2020-21 for the Total Approved Intake. Further, the Institutions Deemed to be Universities/ Institutions having Accreditation/ Autonomy status shall have to maintain the Faculty: Student ratio as specified in the Approval Process Handbook. All such Institutions/ Universities shall have to create the necessary Faculty, Infrastructure and other facilities WITHIN 2 YEARS to fulfil the norms based on the Affidavit submitted to AICTE.

4. In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

5. Strict compliance of Anti-Ragging Regulation: - Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 373/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

Prof.Rajive Kumar
Member Secretary, AICTE

Copy to:

1. The Director Of Technical Education**, Kerala

2. The Registrar**,
Apj Abdul Kalam Technological University, Kerala

3. The Principal / Director,
ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY
Royal College Of Engineering & Technology, Akkikavu, Po-Chiramanangadu, Marathancode-Via, Thrissur-Dist, Kerala, Pin-680 604,
Thrissur,Thrissur,
Kerala,680604

4. The Secretary / Chairman,
AKKIKAVU. CHIRAMANANGAD P O, MARATHANCODE (VIA), THRISSUR
THRISSUR,THRISSUR
Kerala,680604

5.   The Regional Officer,
      All India Council for Technical Education
      Health Centre Building
      Bangalore University Campus
      Bangalore - 560 009, Karnataka

6.   Guard File(AICTE)

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

** Individual Approval letter copy will not be communicated through Post/Email. However, consolidated list of Approved Institutions(bulk) will be shared through official Email Address to the concerned Authorities mentioned above.

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Application No:1-7003416577
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ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Letter Printed On:7 August 2020

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Royal College of Engineering and Technolgy

All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)
Nelson Mandela Marg,Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org

APPROVAL PROCESS 2019-20

Extension of Approval (EoA)

F.No. South-West/1-4266283638/2019/EOA

Date: 30-Apr-2019

To,

The Principal Secretary,
Deptt. Of education, Govt. of Kerala,
Govt. Sectt. Annexe,
Thiruvananthapuram-695001

Sub: Extension of Approval for the Academic Year 2019-20

Ref: Application of the Institution for Extension of approval for the Academic Year 2019-20

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2018 notified by the Council vide notification number F.No.AB/AICTE/REG/2018 dated 31/12/2018 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Permanent Id	1-4472401	Application Id	1-4266283638
Name of the Institute	ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY	Name of the Society/Trust	ROYAL EDUCATIONAL SOCIETY & RESEARCH CENTRE
Institute Address	ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY, AKKIKAVU, PO-CHIRAMANANGADU, MARATHANCODE-VIA, THRISSUR-DIST, KERALA, PIN-680 604, THRISSUR, THRISSUR, Kerala, 680604	Society/Trust Address	AKKIKAVU. CHIRAMANANGAD P O, MARATHANCODE (VIA), THRISSUR,THRISSUR,THRISSUR, Kerala,680604
Institute Type	Unaided - Private	Region	South-West

Opted for Change from Women to Co-Ed and vice versa	No	Change from Women to Co-Ed and vice versa Approved or Not	NA
Opted for Change of Name	No	Change of Name Approved or Not	NA
Opted for Change of Site/Location	No	Change of Site/Location Approved or Not	NA
Opted for Conversion from Degree to Diploma or vice versa	No	Conversion for Degree to Diploma or vice versa Approved or Not	NA
Opted for Organization Name Change	No	Change of Organization Name Approved or Not	NA
Opted for Merger of Institution	No	Merger of Institution Approved or Not	NA
Opted for Introduction of New Program/Level	No	Introduction of Program/Level Approved or Not	NA

To conduct following Courses with the Intake indicated below for the Academic Year 2019-20

Program	Shift	Level	Course	FT/PT+	Affiliating Body (Univ/Body)	Intake Approved for 2019-20	NRI Approval Status	PIO / FN / Gulf quota/ OCI/ Approval Status
ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	MECHANICAL ENGINEERING	FT	APJ Abdul Kalam Technological University, Kerala	120	Yes	NA

Application No:1-4266283638

Note: This is a Computer generated Report. No signature is required.
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Letter Printed On:3 May 2019

ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	FT	APJ Abdul Kalam Technological University, Kerala	60	Yes	NA
ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	FT	APJ Abdul Kalam Technological University, Kerala	120	Yes	NA
ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	ELECTRONICS & COMMUNICATION ENGG	FT	APJ Abdul Kalam Technological University, Kerala	60	Yes	NA
ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	CIVIL ENGINEERING	FT	APJ Abdul Kalam Technological University, Kerala	60	Yes	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	COMPUTER SCIENCE & ENGINEERING	FT	APJ Abdul Kalam Technological University, Kerala	24	Yes	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	COMMUNICATION ENGINEERING	FT	APJ Abdul Kalam Technological University, Kerala	24	Yes	NA

+FT –Full Time,PT-Part Time

Punitive Action against the Institute

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation: - Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

It is mandatory to comply all the essential requirements as given in APH 2019-20(appendix 6)

NOTE: If the State Government / UT / DTE / DME has a reservation policy for admission in Technical Education Institutes and the same is applicable to Private & Self-financing Technical Institutions, then the State Government / UT/ DTE / DME shall ensure that 10 % of Reservation for EWS would be operational from the Academic year 2019-20 without affecting the percentage reservations of SC/ST/OBC/General . However, this would not be applicable in the case of Minority Institutions referred to the clause (1) of Article 30 of Constitution of India.

Prof. A.P Mittal
Member Secretary, AICTE

Copy to:
1. The Director Of Technical Education**, Kerala

2. The Registrar**,
Apj Abdul Kalam Technological University, Kerala

3. The Principal / Director,
Royal College Of Engineering & Technology
Royal College Of Engineering & Technology, Akkikavu, Po-Chiramanangadu, Marathancode-Via, Thrissur-Dist, Kerala, Pin-680 604, Thrissur,Thrissur,

Application No:1-4266283638
Note: This is a Computer generated Report. No signature is required.
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Royal College of Engineering and Technolgy

- Kerala,680604

4. **The Secretary / Chairman,**
   Royal Educational Society & Research Centre
   Akkikavu. Chiramanangad P O, Marathancode (Via), Thrissur.
   Thrissur,Thrissur,
   Kerala,680604

5. **The Regional Officer,**
   All India Council for Technical Education
   Health Centre Building
   Bangalore University Campus
   Bangalore - 560 009, Karnataka

6. **Guard File(AICTE)**

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

** Individual Approval letter copy will not be communicated through Post/Email. However, consolidated list of Approved Institutions(bulk) will be shared through official Email Address to the concerned Authorities mentioned above.

Application No:1-4266283638
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Royal College of Engineering and Technolgy

All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg,Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org

APPROVAL PROCESS 2018-19

Extension of Approval (EoA)

F.No. South-West/1-3514860878/2018/EOA

Date: 27-Apr-2018

To,

The Principal Secretary,
Deptt. Of education, Govt. of Kerala,
Govt. Sectt. Annexe,
Thiruvananthapuram-695001

Sub: Extension of Approval for the Academic Year 2018-19

Ref: Application of the Institution for Extension of approval for the Academic Year 2018-19

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2016 notified by the Council vide notification number F.No.AB/AICTE/REG/2016 dated 30/11/2016 and amended on December 5, 2017 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Permanent Id	1-4472401	Application Id	1-3514860878
Name of the Institute	ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY	Name of the Society/Trust	ROYAL EDUCATIONAL SOCIETY & RESEARCH CENTRE
Institute Address	ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY, AKKIKAVU, PO-CHIRAMANANGADU, MARATHANCODE-VIA, THRISSUR-DIST, KERALA, PIN-680 604, THRISSUR, THRISSUR, Kerala, 680604	Society/Trust Address	AKKIKAVU. CHIRAMANANGAD P O, MARATHANCODE (VIA), THRISSUR,THRISSUR,THRISSUR, Kerala,680604
Institute Type	Unaided - Private	Region	South-West

Opted for Change from Women to Co-Ed and vice versa	No	Change from Women to Co-Ed and vice versa Approved or Not	NA
Opted for Change of Name	No	Change of Name Approved or Not	NA
Opted for Change of Site	No	Change of Site Approved or Not	NA
Opted for Conversion from Degree to Diploma or vice versa	No	Conversion for Degree to Diploma or vice versa Approved or Not	NA
Opted for Organization Name Change	No	Change of Organization Name Approved or Not	NA

To conduct following Courses with the Intake indicated below for the Academic Year 2018-19

Program	Shift	Level	Course	FT/PT+	Affiliating Body (Univ/Body)	Intake Approved for 2018-19	NRI Approval Status	PIO / FN / Gulf quota/ OCI/ Approval Status	Foreign Collaboration /Twining Program Approval Status*
ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	MECHANICAL ENGINEERING	FT	APJ Abdul Kalam Technological University, Kerala	120	Yes	NA	No
ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	FT	APJ Abdul Kalam Technological University, Kerala	60	Yes	NA	No

Application No:1-3514860878
Note: This is a Computer generated Report. No signature is required.
Printed By : aa127531

Page 1 of 2

Letter Printed On:10 May 2018

ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	FT	APJ Abdul Kalam Technological University, Kerala	120	Yes	NA	No
ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	ELECTRONICS & COMMUNICATION ENGG	FT	APJ Abdul Kalam Technological University, Kerala	60	Yes	NA	No
ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	CIVIL ENGINEERING	FT	APJ Abdul Kalam Technological University, Kerala	60	Yes	NA	No
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	COMPUTER SCIENCE & ENGINEERING	FT	APJ Abdul Kalam Technological University, Kerala	24	Yes	NA	No
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	COMMUNICATION ENGINEERING	FT	APJ Abdul Kalam Technological University, Kerala	24	Yes	NA	No

+FT –Full Time,PT-Part Time
Punitive Action against the Institute

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation: - Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

Prof. A.P Mittal
Member Secretary, AICTE

Copy to:
1. The Regional Officer,
   All India Council for Technical Education
   Health Centre Building
   Bangalore University Campus
   Bangalore - 560 009, Karnataka

2. The Director Of Technical Education**,
   Kerala

3. The Registrar**,
   APJ Abdul Kalam Technological University, Kerala

4. The Principal / Director,
   ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY
   ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY, AKKIKAVU, PO-CHIRAMANANGADU, MARATHANCODE-VIA,
   THRISSUR-DIST, KERALA, PIN-680 604,
   THRISSUR,THRISSUR,
   Kerala,680604

5. The Secretary / Chairman,
   ROYAL EDUCATIONAL SOCIETY & RESEARCH CENTRE
   AKKIKAVU. CHIRAMANANGAD P O, MARATHANCODE (VIA), THRISSUR,
   THRISSUR,THRISSUR,
   Kerala,680604

6. Guard File(AICTE)

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

** Individual Approval letter copy will not be communicated through Post/Email. However, consolidated list of Approved Institutions(bulk) will be shared through official Email Address to the concerned Authorities mentioned above.

Application No:1-3514860878
Note: This is a Computer generated Report. No signature is required.
Printed By : aa127531

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Letter Printed On:10 May 2018

Royal College of Engineering and Technolgy

F.No. South-West/1-3327375669/2017/EOA   Date: 10-Apr-2017

To,

The Principal Secretary,
Deptt. Of education, Govt. of Kerala,
Govt. Sectt. Annexe,
Thiruvananthapuram-695001

Sub: Extension of approval for the academic year 2017-18

Ref: Application of the Institution for Extension of approval for the academic year 2017-18

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2016 notified by the Council vide notification number F.No.AB/AICTE/REG/2016 dated 30/11/2016 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Permanent Id	1-4472401	Application Id	1-3327375669
Name of the Institute	ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY	Institute Address	ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY, AKKIKAVU, PO-CHIRAMANANGADU, MARATHANCODE-VIA, THRISSUR-DIST, KERALA, PIN-680 604, THRISSUR, THRISSUR, Kerala, 680604
Name of the Society/Trust	ROYAL EDUCATIONAL SOCIETY & RESEARCH CENTRE	Society/Trust Address	AKKIKAVU. CHIRAMANANGAD P O, MARATHANCODE (VIA), THRISSUR,THRISSUR, THRISSUR,Kerala,680604
Institute Type	Unaided - Private	Region	South-West

Opted for change from Women to Co-ed and Vice versa	No	Opted for change of name	No	Opted for change of site	No
Change from Women to Co-ed approved and Vice versa	Not Applicable	Change of name Approved	Not Applicable	Change of site Approved	Not Applicable
Opted for Conversion from degree to diploma	No	Opted for Conversion from diploma to degree	No	Conversion (degree to diploma or vice-a-versa) Approved	Not Applicable

To conduct following courses with the intake indicated below for the academic year 2017-18

Application Id: 1-3327375669			Course	Full/Part Time	Affiliating Body	Intake Approved for 2016-17	Intake Approved for 2017-18	NRI Approval status	PIO / FN / Gulf quota/ OCI/ Approval status	Foreign Collaboration/Twining Program Approval status
Program	Shift	Level								
ENGINEERING AND	1st Shift	POST GRA	COMMUNICATION ENGINEERING	FULL TIME	APJ Abdul Kalam Technological	24	24	Yes	NA	NA

Application Number: 1-3327375669
Note: This is a Computer generated Report.No signature is required.

Printed By : AE127531

Page 1 of 4
Letter Printed On: 18 April 2017

Royal College of Engineering and Technolgy

All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela MargVasant Kunj, New Delhi-110067
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

Program	Shift	Level	Name of the Course	Full/Part Time	Affiliating Body					
TECHNOLO GY		DUA TE			University, Kerala					
ENGINEERIN G AND TECHNOLO GY	1st Shift	POS T GRA DUA TE	COMPUTER SCIENCE & ENGINEERING	FULL TIME	APJ Abdul Kalam Technological University, Kerala	24	24	Yes	NA	NA
ENGINEERIN G AND TECHNOLO GY	1st Shift	UND ER GRA DUA TE	CIVIL ENGINEERING	FULL TIME	APJ Abdul Kalam Technological University, Kerala	60	60	Yes	NA	NA
ENGINEERIN G AND TECHNOLO GY	1st Shift	UND ER GRA DUA TE	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	APJ Abdul Kalam Technological University, Kerala	120	120	Yes	NA	NA
ENGINEERIN G AND TECHNOLO GY	1st Shift	UND ER GRA DUA TE	ELECTRICAL AND ELECTRONICS ENGINEERING	FULL TIME	APJ Abdul Kalam Technological University, Kerala	60	60	Yes	NA	NA
ENGINEERIN G AND TECHNOLO GY	1st Shift	UND ER GRA DUA TE	ELECTRONICS & COMMUNICATI ON ENGG	FULL TIME	APJ Abdul Kalam Technological University, Kerala	120	120	Yes	NA	NA
ENGINEERIN G AND TECHNOLO GY	1st Shift	UND ER GRA DUA TE	MECHANICAL ENGINEERING	FULL TIME	APJ Abdul Kalam Technological University, Kerala	120	120	Yes	NA	NA

The above mentioned approval is subject to the condition that

ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY

shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.

Course(s) Applied for Closure by the Institute for the AY 2017-18:

Application Id: 1-3327375669			Name of the Course	Full/Part Time	Affiliating Body	Course Closure Status
Program	Shift	Level				
ENGINEE RING AND TECHNOL	1st Shift	UNDER GRADUAT E	APPLIED ELECTRONICS AND INSTRUMENTA TION	FULL TIME	APJ Abdul Kalam Technological University,	Pending‡

Application Number: 1-3327375669
Note: This is a Computer generated Report.No signature is required.

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Letter Printed On:18 April 2017

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Royal College of Engineering and Technolgy

All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela MargVasant Kunj, New Delhi-110067
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

OGY			ENGINEERING : (Last Approved Intake 60)		Kerala	

$ due to non submission of NOC's from University / Board and / or State Government

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

Note: Validity of the course details may be verified at www.aicte-India.org

Prof. A.P Mittal
Member Secretary, AICTE

Copy to:

1. The Regional Officer,
   All India Council for Technical Education
   Health Centre Building
   Bangalore University Campus
   Bangalore - 560 009, Karnataka

2. The Director Of Technical Education**,
   Kerala

3. The Registrar**,
   APJ Abdul Kalam Technological University, Kerala

4. The Principal / Director,
   ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY
   ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY, AKKIKAVU, PO-CHIRAMANANGADU,
   MARATHANCODE-VIA, THRISSUR-DIST, KERALA, PIN-680 604,
   THRISSUR,THRISSUR,
   Kerala,680604

5. The Secretary / Chairman,
   ROYAL EDUCATIONAL SOCIETY & RESEARCH CENTRE
   AKKIKAVU. CHIRAMANANGAD P O, MARATHANCODE (VIA), THRISSUR,
   THRISSUR,THRISSUR,
   Kerala,680604

6. Guard File(AICTE)

Note: ** - Approval letter copy will not be communicated through post/email. However, provision is made in the portal for downloading Approval letter through Authorized login credentials allotted to concerned DTE/Registrar.

Application Number: 1-3327375669
Note: This is a Computer generated Report.No signature is required.

Printed By : AE127531

Page 3 of 4
Letter Printed On:18 April 2017

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Royal College of Engineering and Technolgy

Application Number: 1-3327375669
Note: This is a Computer generated Report.No signature is required.

Printed By : AE127531

Royal College of Engineering and Technolgy

All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

F.No. South-West/1-2812216375/2016/EOA

Date: 30-Apr-2016

To,

The Principal Secretary,
Deptt. Of education, Govt. of Kerala,
Govt. Sectt. Annexe,
Thiruvananthapuram-695001

Sub: Extension of approval for the academic year 2016-17

Ref: Application of the Institution for Extension of approval for the academic year 2016-17

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2012 notified by the Council vide notification number F-No.37-3/Legal/2012 dated 27/09/2012 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Regional Office	South-West	Application Id	1-2812216375
Name of the Institute	ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY	Permanent Id	1-4472401
Name of the Society/Trust	ROYAL EDUCATIONAL SOCIETY & RESEARCH CENTRE	Institute Address	ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY, AKKIKAVU, PO-CHIRAMANANGADU, MARATHANCODE-VIA, THRISSUR-DIST, KERALA, PIN-680 604, THRISSUR, THRISSUR, Kerala, 680604
Institute Type	Unaided - Private	Society/Trust Address	AKKIKAVU, CHIRAMANANGAD P O, MARATHANCODE (VIA), THRISSUR,THRISSUR,THRISSUR,Kerala,680604

Opted for change from Women to Co-ed and Vice versa	No	Opted for change of name	No	Opted for change of site	No
Change from Women to Co-ed approved and Vice versa	Not Applicable	Change of name Approved	Not Applicable	Change of site Approved	Not Applicable

To conduct following courses with the intake indicated below for the academic year 2016-17

Application Id: 1-2812216375			Course	Full/Part Time	Affiliating Body	Intake 2015-16	Intake Approved for 2016-17	NRI Approval status	PIO / FN / Gulf quota Approval status	Foreign Collaboration/Twining Program Approval status
Program	Shift	Level								
ENGINEERING AND	1st Shift	POST GRA	COMMUNICATION ENGINEERING	FULL TIME	KERALA TECHNOLOGICAL	24	24	Yes	NA	NA

Application Number: 1-2812216375
Note: This is a Computer generated Report.No signature is required.

Printed By : AE127531

All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

TECHNOLO GY		DUA TE			UNIVERSITY					
ENGINEERIN G AND TECHNOLO GY	1st Shift	POS T GRA DUA TE	COMPUTER SCIENCE & ENGINEERING	FULL TIME	KERALA TECHNOLOGI CAL UNIVERSITY	24	24	Yes	NA	NA
ENGINEERIN G AND TECHNOLO GY	1st Shift	UND ER GRA DUA TE	APPLIED ELECTRONICS AND INSTRUMENTA TION ENGINEERING	FULL TIME	KERALA TECHNOLOGI CAL UNIVERSITY	60	60	Yes	NA	NA
ENGINEERIN G AND TECHNOLO GY	1st Shift	UND ER GRA DUA TE	CIVIL ENGINEERING	FULL TIME	KERALA TECHNOLOGI CAL UNIVERSITY	60	60	Yes	NA	NA
ENGINEERIN G AND TECHNOLO GY	1st Shift	UND ER GRA DUA TE	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	KERALA TECHNOLOGI CAL UNIVERSITY	120	120	Yes	NA	NA
ENGINEERIN G AND TECHNOLO GY	1st Shift	UND ER GRA DUA TE	ELECTRICAL AND ELECTRONICS ENGINEERING	FULL TIME	KERALA TECHNOLOGI CAL UNIVERSITY	60	60	Yes	NA	NA
ENGINEERIN G AND TECHNOLO GY	1st Shift	UND ER GRA DUA TE	ELECTRONICS & COMMUNICATI ON ENGG	FULL TIME	KERALA TECHNOLOGI CAL UNIVERSITY	120	120	Yes	NA	NA
ENGINEERIN G AND TECHNOLO GY	1st Shift	UND ER GRA DUA TE	MECHANICAL ENGINEERING	FULL TIME	KERALA TECHNOLOGI CAL UNIVERSITY	120	120	Yes	NA	NA

The above mentioned approval is subject to the condition that ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In

Application Number: 1-2812216375
Note: This is a Computer generated Report.No signature is required.
Printed By : AE127531

Page 2 of 3
Letter Printed On:2 May 2016

All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

Note: Validity of the course details may be verified at www.aicte-india.org

Prof. Alok Prakash Mittal
Member Secretary, AICTE

Copy to:

1. The Regional Officer,
   All India Council for Technical Education
   Health Centre Building
   Bangalore University Campus
   Bangalore - 560 009, Karnataka

2. The Director Of Technical Education,
   Kerala

3. The Registrar,
   KERALA TECHNOLOGICAL UNIVERSITY

4. The Principal / Director,
   ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY
   ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY, AKKIKAVU, PO-CHIRAMANANGADU,
   MARATHANCODE-VIA, THRISSUR-DIST, KERALA, PIN-680 604,
   THRISSUR,THRISSUR,
   Kerala,680604

5. The Secretary / Chairman,
   ROYAL EDUCATIONAL SOCIETY & RESEARCH CENTRE
   AKKIKAVU, CHIRAMANANGAD P O, MARATHANCODE (VIA), THRISSUR,
   THRISSUR,THRISSUR,
   Kerala,680604

6. Guard File(AICTE)

Application Number: 1-2812216375
Note: This is a Computer generated Report.No signature is required.
Printed By : AE127531

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Letter Printed On:2 May 2016

F.No. South-West/1-2456112697/2015/EOA

Date: 30-Apr-2015

To,
The Principal Secretary,
Deptt. Of education, Govt. of Kerala,
Govt. Sectt. Annexe,
Thiruvananthapuram-695001

Sub: Extension of approval for the academic year 2015-16

Ref: Application of the Institution for Extension of approval for the academic year 2015-16

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2012 notified by the Council vide notification number F-No.37-3/Legal/2012 dated 27/09/2012 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Regional Office	South-West	Application Id	1-2456112697
		Permanent Id	1-4472401
Name of the Institute	ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY	Institute Address	ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY, AKKIKAVU, PO-CHIRAMANANGADU, MARATHANCODE-VIA, THRISSUR-DIST, KERALA, PIN-680 604, THRISSUR, THRISSUR, Kerala, 680604
Name of the Society/Trust	ROYAL EDUCATIONAL SOCIETY & RESEARCH CENTRE	Society/Trust Address	AKKIKAVU, CHIRAMANANGAD P O, MARATHANCODE (VIA), THRISSUR,THRISSUR,THRISSUR,Kerala,680604
Institute Type	Unaided - Private		

Opted for change from Women to Co-ed	No	Opted for change of name	No	Opted for change of site	No
Change from Women to Co-ed approved	Not Applicable	Change of name Approved	Not Applicable	Change of site Approved	Not Applicable

To conduct following courses with the intake indicated below for the academic year 2015-16

Application Number: 1-2456112697*

Note: This is a Computer generated Letter of Approval. No signature is required.

Printed By : ae127531

Page 1 of 4

Letter Printed On:12 May 2015

Royal College of Engineering and Technolgy

Application Id: 1-2456112697

Program	Shift	Level	Course	Full/Part Time	Affiliating Body	Intake 2014-15	Intake Approved for 15-16	NRI Approval status	PIO Approval status	Foreign Collaboration Approval status
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	COMMUNICATION ENGINEERING	FULL TIME	Calicut University, Calicut	24	24	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	COMPUTER SCIENCE & ENGINEERING	FULL TIME	Calicut University, Calicut	24	24	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	APPLIED ELECTRONICS AND INSTRUMENTATION ENGINEERING	FULL TIME	Calicut University, Calicut	60	60	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	CIVIL ENGINEERING	FULL TIME	Calicut University, Calicut	60	60	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	Calicut University, Calicut	120	120	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	FULL TIME	Calicut University, Calicut	60	60	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRONICS & COMMUNICATION ENGG	FULL TIME	Calicut University, Calicut	120	120	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	MECHANICAL ENGINEERING	FULL TIME	Calicut University, Calicut	120	120	NA	NA	NA

Note: Validity of the course details may be verified at www.aicte-india.org>departments>approvals

Application Number: 1-2456112697*

Note: This is a Computer generated Letter of Approval.No signature is required.

Printed By : ae127531

Page 2 of 4

Letter Printed On:12 May 2015

Royal College of Engineering and Technolgy

The above mentioned approval is subject to the condition that ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

Dr. Avinash S Pant
Actg Chairman, AICTE

Copy to:

1. **The Regional Officer,**
   All India Council for Technical Education
   Health Centre Building
   Bangalore University Campus
   Bangalore - 560 009, Karnataka

2. **The Director Of Technical Education,**
   Kerala

3. **The Registrar,**
   Calicut University , Calicut

4. **The Principal / Director,**
   ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY
   ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY, AKKIKAVU, PO-CHIRAMANANGADU,
   MARATHANCODE-VIA, THRISSUR-DIST, KERALA, PIN-680 604.
   THRISSUR,THRISSUR,
   Kerala,680604

5. **The Secretary / Chairman,**
   ROYAL EDUCATIONAL SOCIETY & RESEARCH CENTRE
   AKKIKAVU. CHIRAMANANGAD P O, MARATHANCODE (VIA), THRISSUR,
   THRISSUR,THRISSUR,
   Kerala,680604

Application Number: 1-2456112697*

Note: This is a Computer generated Letter of Approval.No signature is required.

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Royal College of Engineering and Technolgy

Royal College of Engineering and Technolgy

6. Guard File(AICTE)

Application Number: 1-2456112697*

Note: This is a Computer generated Letter of Approval.No signature is required.

Printed By : ae127531

Royal College of Engineering and Technolgy

F.No. South-West/1-2018899954/2014/EOA

Date: 04-Jun-2014

To,
The Principal Secretary,
Deptt. Of education, Govt. of Kerala,
Govt. Sectt. Annexe,
Thiruvananthapuram-695001

Sub: Extension of approval for the academic year 2014-15

Ref: Application of the Institution for Extension of approval for the academic year 2014-15

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions)
Regulations 2012 notified by the Council vide notification number F-No.37-3/Legal/2012 dated 27/09/2012 and norms standards,
procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Regional Office	South-West	Application Id	1-2018899954
		Permanent Id	1-4472401
Name of the Institute	ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY	Institute Address	ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY, AKKIKAVU, PO-CHIRAMANANGADU, MARATHANCODE-VIA, THRISSUR-DIST, KERALA, PIN-680 604, THRISSUR, THRISSUR, Kerala, 680604
Name of the Society/Trust	ROYAL EDUCATIONAL SOCIETY & RESEARCH CENTRE	Society/Trust Address	AKKIKAVU, CHIRAMANANGAD P O, MARATHANCODE (VIA), THRISSUR,THRISSUR,THRISSUR,Kerala,680604
Institute Type	Unaided - Private		

Opted for change from Women to Co-ed	No	Opted for change of name	No	Opted for change of site	No
Change from Women to Co-ed approved	Not Applicable	Change of name Approved	Not Applicable	Change of site Approved	Not Applicable

to conduct following courses with the intake indicated below for the academic year 2014-15

Application Number: 1-2018899954*

Note: This is a Computer generated Letter of Approval.No signature is required.

Printed By : AE127531

Page 1 of 4

Letter Printed On:6 June 2014

Royal College of Engineering and Technolgy

All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-india.org

Application Id: 1-2018899954

Program	Shift	Level	Course	Full/Part Time	Affiliating Body	Intake 2013-14	Intake Approved for 14-15	NRI Approval status	PIO Approval status	Foreign Collaboration Approval status
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	COMMUNICATION ENGINEERING	FULL TIME	Calicut University, Calicut	24	24	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	COMPUTER SCIENCE & ENGINEERING	FULL TIME	Calicut University, Calicut	24	24	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	APPLIED ELECTRONICS AND INSTRUMENTATION ENGINEERING	FULL TIME	Calicut University, Calicut	60	60	Yes	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	CIVIL ENGINEERING	FULL TIME	Calicut University, Calicut	60	60	Yes	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	Calicut University, Calicut	120	120	Yes	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	FULL TIME	Calicut University, Calicut	60	60	Yes	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRONICS & COMMUNICATION ENGG	FULL TIME	Calicut University, Calicut	120	120	Yes	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	MECHANICAL ENGINEERING	FULL TIME	Calicut University, Calicut	120	120	Yes	NA	N

- Validity of the course details may be verified at www.aicte-india.org>departments>approvals

Application Number: 1-2018899954*

Note: This is a Computer generated Letter of Approval.No signature is required.

Printed By : AE127531

Page 2 of 4

Letter Printed On:6 June 2014

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Royal College of Engineering and Technolgy

The above mentioned approval is subject to the condition that ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal and subsequently upload and update the student/ faculty/ other data on portal as per the time schedule which will be intimated by AICTE.

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

(Dr. Kuncheria P. Isaac)

Member Secretary, AICTE

Copy to:

1. The Regional Officer,
   All India Council for Technical Education
   Health Centre Building
   Bangalore University Campus
   Bangalore - 560 009, Karnataka

2. The Director Of Technical Education,
   Kerala

3. The Registrar,
   Calicut University , Calicut

4. The Principal / Director,
   ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY
   ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY, AKKIKAVU, PO-CHIRAMANANGADU,
   MARATHANCODE-VIA, THRISSUR-DIST, KERALA, PIN-680 604,
   THRISSUR,THRISSUR,
   Kerala,680604

5. The Secretary / Chairman,
   ROYAL EDUCATIONAL SOCIETY & RESEARCH CENTRE
   AKKIKAVU, CHIRAMANANGAD P O, MARATHANCODE (VIA), THRISSUR,
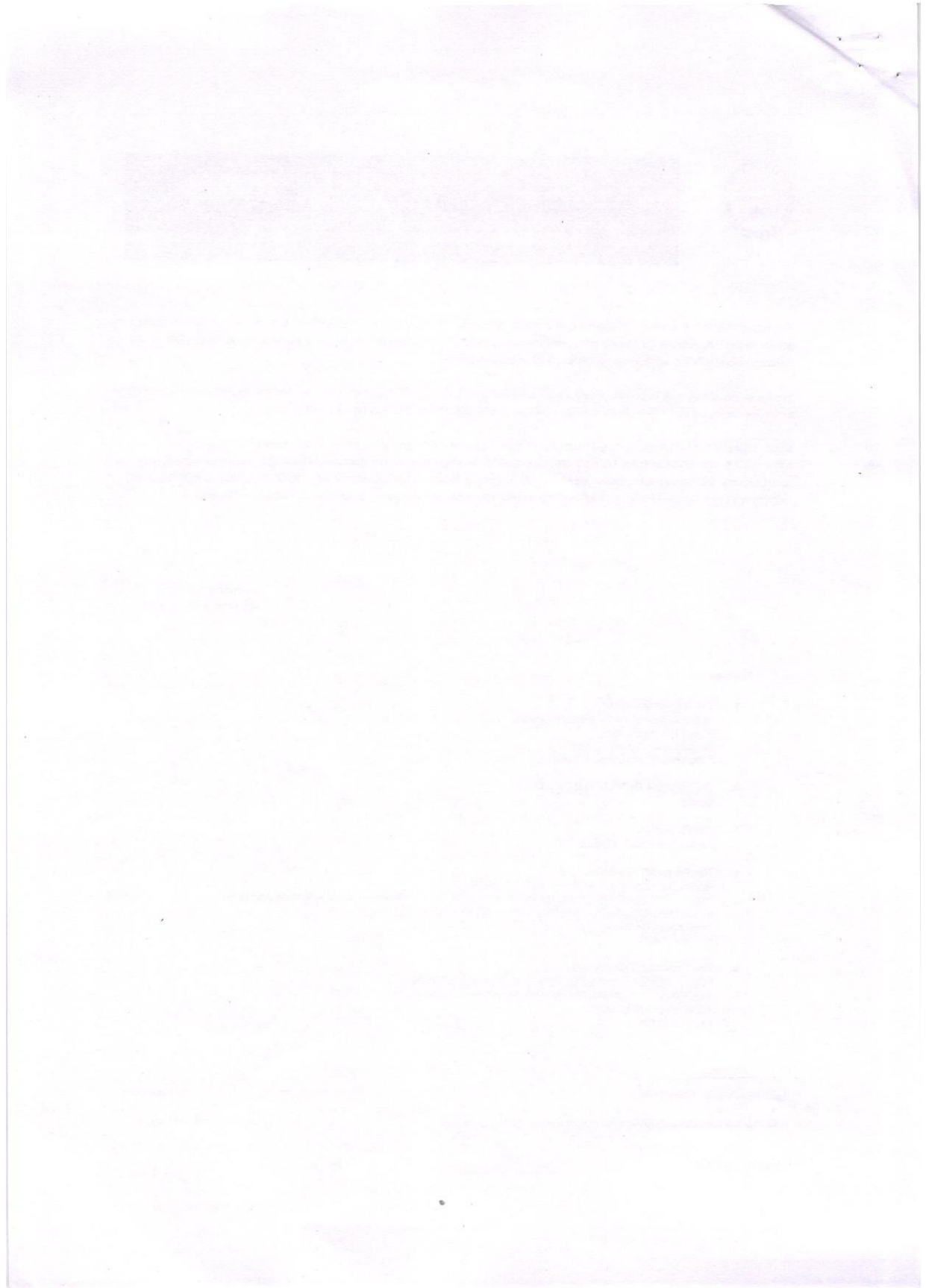   THRISSUR,THRISSUR,
   Kerala,680604

Application Number: 1-2018899954*

Note: This is a Computer generated Letter of Approval.No signature is required.

Page 3 of 4

Letter Printed On:6 June 2014

Printed By : AE127531

F.No. South-West/1-1357921784/2013/EOA

Date: 19-Mar-2013

To,
The Principal Secretary,
Deptt. Of education, Govt. of Kerala,
Govt. Sectt. Annexe,
Thiruvananthapuram-695001

Sub: Extension of approval for the academic year 2013-14

Ref: Application of the Institution for Extension of approval for the academic year 2013-14

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2012 notified by the Council vide notification number F-No.37-3/Legal/2012 dated 27/09/2012 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Regional Office	South-West	Application Id	1-1357921784
		Permanent Id	1-4472401
Name of the Institute	ROYAL COLLEGE OF ENGINEERING-& TECHNOLOGY	Institute Address	ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY, AKKIKAVU, PO-CHIRAMANANGADU, MARATHANCODE-VIA, THRISSUR-DIST, KERALA, PIN-680 604, THRISSUR, THRISSUR, Kerala, 680604
Name of the Society/Trust	ROYAL EDUCATIONAL SOCIETY & RESEARCH CENTRE	Society/Trust Address	AKKIKAVU, CHIRAMANANGAD P O, MARATHANCODE (VIA), THRISSUR,THRISSUR,THRISSUR,Kerala,680604
Institute Type	Unaided - Private		

Opted for change from Women to Co-ed	No	Opted for change of name	No	Opted for change of site	No
Change from Women to Co-ed approved	Not Applicable	Change of name Approved	Not Applicable	Change of site Approved	Not Applicable

to conduct following courses with the intake indicated below for the academic year 2013-14

Application Number: 1-1357921784*

Note: This is a Computer generated Extension of Approval Letter. No signature is required.

Printed By : AE127531

Page 1 of 3

Letter Printed On:20 March 2013.

Royal College of Engineering and Technolgy

All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

Application Id: 1-1357921784

Program	Shift	Level	Course	Full/Part Time	Affiliating Body	Intake 2012-13	Intake Approved for 13-14	NRI	PIO	Foreign Collaboration
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	COMMUNICATION ENGINEERING	FULL TIME	Calicut University , Calicut	0	24	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	COMPUTER SCIENCE & ENGINEERING	FULL TIME	Calicut University , Calicut	0	24	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	APPLIED ELECTRONICS AND INSTRUMENTATION ENGINEERING	FULL TIME	Calicut University , Calicut	60	60	Yes	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	CIVIL ENGINEERING	FULL TIME	Calicut University , Calicut	60	60	Yes	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	Calicut University , Calicut	120	120	Yes	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	FULL TIME	Calicut University , Calicut	60	60	Yes	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRONICS & COMMUNICATION ENGG	FULL TIME	Calicut University , Calicut	120	120	Yes	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	MECHANICAL ENGINEERING	FULL TIME	Calicut University , Calicut	60	120	Yes	No	No

- Validity of the course details may be verified at www.aicte-india.org>departments>approvals

The above mentioned approval is subject to the condition that ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the

Application Number: 1-1357921784*

Page 2 of 3

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Letter Printed On:20 March 2013.

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Royal College of Engineering and Technolgy

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institution along with the application submitted by the institution on portal.

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

(Dr. Kuncheria P. Isaac)

Member Secretary, AICTE

Copy to:

1. The Regional Officer,
   All India Council for Technical Education
   Health Centre Building
   Bangalore University Campus
   Bangalore - 560 009, Karnataka

2. The Director Of Technical Education,
   Kerala

3. The Registrar,
   Calicut University , Calicut

4. The Principal / Director,
   ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY
   ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY, AKKIKAVU, PO-CHIRAMANANGADU,
   MARATHANCODE-VIA, THRISSUR-DIST, KERALA, PIN-680 604,
   THRISSUR,THRISSUR,
   Kerala,680604

5. The Secretary / Chairman,
   ROYAL EDUCATIONAL SOCIETY & RESEARCH CENTRE
   AKKIKAVU. CHIRAMANANGAD P O, MARATHANCODE (VIA), THRISSUR,
   THRISSUR,THRISSUR,
   Kerala,680604

6. Guard File(AICTE)

Application Number: 1-1357921784

Page 3 of 3

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Letter Printed On:20 March 2013.

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All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

F.No. South-West/1-686772971/2012/EOA

Date: 10 May 2012

To,
The Principal Secretary,
Deptt. Of education, Govt. of Kerala,
Govt. Sectt. Annexe,
Thiruvananthapuram-695001

Sub: Extension of approval for the academic year 2012-13

Ref: Application of the Institution for Extension of approval for the academic year 2012-13

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2010 notified by the Council vide notification number F-No.37-3/Legal/2010 dated 10/12/2010 and amendment vide notification number F-No.37-3/Legal/2011 dated 30/09/2011 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Regional Office	South-West	Application Id	1-686772971
		Permanent Id	1-4472401
Name of the Institute	ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY	Institute Address	ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY, AKKIKAVU, PO-CHIRAMANANGADU, MARATHANCODE-VIA, THRISSUR-DIST, KERALA, PIN-680 604, THRISSUR, THRISSUR, Kerala, 680604
Name of the Society/Trust	ROYAL EDUCATIONAL SOCIETY & RESEARCH CENTRE	Society/Trust Address	AKKIKAVU. CHIRAMANANGAD P O, MARATHANCODE (VIA), THRISSUR,THRISSUR,THRISSUR,Kerala,680604
Institute Type	Unaided - Private		

Opted for change from Women to Co-ed	No	Opted for change of name	No	Opted for change of site	No
Change from Women to Co-ed approved	Not Applicable	Change of name Approved	Not Applicable	Change of site Approved	Not Applicable

to conduct following courses with the intake indicated below for the academic year 2012-13

Application Number: 1-686772971*

Page 1 of 4

Note: This is a Computer generated Extension of Approval Letter. No signature is required.

Letter Printed On:21 May 2012.

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All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

Application Id: 1-686772971			Course	Full/Part Time	Affiliating Body	Intake 2011-12	Intake Approved for '12-13	NRI	PIO	Foreign Collaboration
Program	Shift	Level								
ENGINE ERING AND TECHNO LOGY	1st Shift	UNDE R GR AD UA TE	MEC HANI CAL ENG INEE RIN G	FULL TIME	Calicut University, Calicut	60	60	Yes	No	No
ENGINE ERING AND TECHNO LOGY	1st Shift	UNDE R GR AD UA TE	ELE CTRI CAL AND ELE CTR ONI CS ENG INEE RIN G	FULL TIME	Calicut University, Calicut	60	60	Yes	No	No
ENGINE ERING AND TECHNO LOGY	1st Shift	UNDE R GR AD UA TE	COM PUT ER SCIE NCE AND ENG INEE RIN G	FULL TIME	Calicut University, Calicut	120	120	Yes	No	No
ENGINE ERING AND TECHNO LOGY	1st Shift	UNDE R GR AD UA TE	APP LIED ELE CTR ONI CS AND INST RUM ENT ATIO N ENG INEE RIN G	FULL TIME	Calicut University, Calicut	60	60	Yes	No	No

Application Number: 1-686772971*

Note: This is a Computer generated Extension of Approval Letter. No signature is required.

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Letter Printed On:21 May 2012.

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Royal College of Engineering and Technolgy

All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

Application Id: 1-686772971			Course	Full/Part Time	Affiliating Body	Intake 2011-12	Intake Approved for 12-13	NRI	PIO	Foreign Collaboration
Program	Shift	Level								
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRONICS & COMMUNICATION ENGG	FULL TIME	Calicut University, Calicut	120	120	Yes	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	CIVIL ENGINEERING	FULL TIME	Calicut University, Calicut	60	60	Yes	No	No

The above mentioned approval is subject to the condition that ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

(Dr. K P Isaac)

Member Secretary, AICTE

Copy to:

1. The Regional Officer,
   All India Council for Technical Education
   Health Centre Building
   Bangalore University Campus
   Bangalore - 560 009, Karnataka

2. The Director Of Technical Education,
   Kerala

Application Number: 1-686772971*

Note: This is a Computer generated Extension of Approval Letter. No signature is required.

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Letter Printed On:21 May 2012.

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Royal College of Engineering and Technolgy

All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

3. The Registrar,
   Calicut University, Calicut

4. The Principal / Director,
   ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY
   ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY, AKKIKAVU, PO-CHIRAMANANGADU,
   MARATHANCODE-VIA, THRISSUR-DIST, KERALA, PIN-680 604,
   THRISSUR,THRISSUR,
   Kerala,680604

5. The Secretary / Chairman,
   ROYAL EDUCATIONAL SOCIETY & RESEARCH CENTRE
   AKKIKAVU, CHIRAMANANGAD P O, MARATHANCODE (VIA), THRISSUR,
   THRISSUR,THRISSUR,
   Kerala,680604

6. Guard File(AICTE)

Application Number: 1-686772971*

Note: This is a Computer generated Extension of Approval Letter. No signature is required.

Printed By : AE127531

Letter Printed On:21 May 2012.

Calicut University Orders

File Ref.No.14956/CDC-A1/2014/CU

UNIVERSITY OF CALICUT

Abstract

Affiliation - Continuation of Provisional Affiliation to B.Tech courses at Royal College of Engineering and Technology,Akkikavu,Thrissur-680604 during the academic year 2014-15 - Granted - Order issued.

CDC-A

U.O.No. 6967/2014/Admn

Dated, Calicut University.P.O. 18.07.2014

Read:-1.U.O No.GA I/D4/2159/03 dt.1.10.2003.
2.U.O No.GA I/D4/909/2004 dt.22.07.2011.
3.U.O No.GA I/D4/909/2004 dt.11.10.2011.
4.U.O No.GA I/D4/909/2004 dt.06.09.2011.
5.U.O No.GA I/D4/909/2004 dt.16.07.2012.
6.U.O No.CDC/D4/15737/2013 dt.15-05-2013.
7.U.O.No.14956/CDC/D4/2013 dt.15-05-2013.
8.Letter No.RCET/AD/06/CE/0 dt.19.02.2014,7.6.2014.
9.Letter No.F.No.South-West/1-2018899954/2014/EOA dt.4.6.2014 from AICTE.

ORDER

As per U.O read as 1st,Provisional Affiliation was granted for starting B.Tech(i)Applied Electronics and Instrumentation Engineering(ii)Civil Engineering(iii)Computer Science Engineering(iv)Electronics & Communication Engineering with an intake of 60 each during the academic year 2003-04.

As per U.O read as 2nd,Provisional Affiliation was granted for starting B.Tech Mechanical Engineering during the academic year 2011-12 with an intake of 60 students.

As per U.O read as 3rd,Provisional Affiliation was granted for starting B.Tech Electrical & Electronics Engineeringcourse during the academic year 2010-11 with an intake of 60 students.

Increase of intake in B.Tech (i)Computer Science Engineering (ii)Electronics & Communication Engineering from 60 to 120 vide U.O read as 4th,5th respectively.

The intake of B.Tech Mechanical Engineering was increased from 60 to 120 vide U.O read as 6th during the academic year 2013-14.

Continuation of Provisional Affiliation to B.Tech courses for the academic year 2013-14 were granted vide U.O read as 7th.

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Royal College of Engineering and Technolgy

The Principal, Royal College of Engineering and Technology,Akkikavu,Thrissur has requested to grant Continuation of Provisional Affiliation to the B.Tech courses for the academic year 2014-15 vide letter read as 8th.An amount of ₹ 4,60,000/-(Four Lakh Sixty Thousand only) was remitted as Affiliation and Administration fee for the BTech and MTech courses vide Chalan No.82 dt.19-02-2014 at Sub Treasury,Kunnamkulam,Thrissur.The Balance amount of ₹1,00,000/-(One Lakh Only) as Continuation of Provisional Affiliation to B.Tech & M.Tech courses vide Chalan No.141003853 dt.14.5.2014 at SBT,Perumbilavu.

The All India Council for Technical Education, vide Letter read as 9th, has extended its approval to the courses in the college for the academic year 2014-15.

Sanction has therefore been accorded by the Vice Chancellor for granting Continuation of Provisional Affiliation to the following courses for the academic year 2014-15 at Royal College of Engineering and Technology,Thrissur:

SLNo.	Name of the Programme(BTech)	Intake
1	Applied Electronics and Instrumentation Engineering	60
2	Civil Engineering	60
3	Computer Science Engineering	120
4	Electronics & Communication Engineering	120
5	Electrical & Electronics Engineering	60
6	Mechanical Engineering	120

Affiliation granted is strictly provisonal and only for the academic year 2014-15. The college has to apply for Continuation of Provisional Affiliation for the ensuing years, remitting the fee fixed by the University, along with a copy of Extension of Approval order from the apex body concerned.

Selection and admission shall be made only on the basis of the rules and regulations of the University and Government from time to time, failing which the affiliation granted will automatically be cancelled. admission to the next academic year shall be made only after obtaining prior permission from the University.

In the light of the directions of the Supreme Court of India in WP (C) No.656/1998, the institution shall take appropriate measures for prevention of ragging in any form. In case of failure to prevent such instances, appropriate action including withdrawal of affiliation of the college will be initiated.

Orders are issued accordingly.

Abdul Nazar K.M
Deputy Registrar

To

Royal College of Engineering and Technolgy

The Principal,Royal College of Engineering and Technology,Akkikavu,Thrissur-680604

Copy to: 1.The Commissioner for Entrance Examinations, Thiruvananthapuram.

2. The Director of Technical Education, Thiruvananthapuram.

3. The Controller of Examinations

4. DR- B.Tech/DR-GAII

Forwarded / By Order

Section Officer

Copy to President CEO, OM for information.

Royal College of Engineering and Technolgy

KTU Affiliation Letters

Royal College of Engineering and Technolgy

APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

CET Campus, Thiruvananthapuram -695016
Ph:0471 2598122, Fax: 2598522 www.ktu.edu.in Email:university@ktu.edu.in

Affiliation / Extension of Affiliation of Technical Institutions for the Academic Year 2020 - 2021 - ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY , Akkikavu THRISSUR - Provisional Affiliation - Orders Issued.

ADMINISTRATION SECTION

No: KTU/A/456/2015   Dated, Thiruvananthapuram,30/06/2020

Read:-

1.   APJ Abdul Kalam Technological University Act 2015 (Act No.17 of 2015).

2.   Notification No. KTU/A/456/2015 Dated:12.03.2020.

3.   Ordinance for affiliation of Institutions dated 12.05.2017 of KTU.

4.   Application submitted by ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY,Akkikavu THRISSUR in the e-Governance platform of KTU seeking affiliation for the Academic Year 2020 - 2021 Dated 21/05/2020.

5.   Provisional Affiliation Order issued to ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY,Akkikavu THRISSUR vide No:KTU/A/456/2015 Dated,Thiruvananthapuram,15/05/2019.

ORDER

In exercise of the Power under Section 60 of the APJ Abdul Kalam Technological University Act 2015 (Act 17 of 2015), and various other Ordinance, Regulations and Notifications in respect of granting or rejection of affiliation/extension of affiliation of the Institution/Courses, the following orders are issued:

The, ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY vide reference read as 4th above submitted the application seeking affiliation/extension of affiliation of programs for the Academic Year 2020 - 2021.

As per ref cited 5th above provisional affiliation was granted to the institution for the academic year 2019 - 2020 and it was mentioned in the provisional affiliation order that the provisional affiliation shall be for the academic year 2019 - 2020 or till further orders of the University.

The application submitted by the institution vide reference read as 4th above seeking affiliation of programes approved by the All India Council for Technical Education (AICTE) for the Academic Year 2020 - 2021 was considered by the University along with other reports collected by the University.

The University has decided to grant provisional affiliation / extension of provisional affiliation to the ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY,Akkikavu   THRISSUR for conducting following programs with the

Page No: 1

approved intake as below for the Academic Year 2020 - 2021.

No	Program Type	Level	Branch/Stream	Approved Intake	Full/Part Time	NRI	PIO
1	Engineering and Technology	UG	MECHANICAL ENGINEERING	60	Full Time	Yes	No
2	Engineering and Technology	UG	CIVIL ENGINEERING	60	Full Time	Yes	No
3	Engineering and Technology	UG	COMPUTER SCIENCE & ENGINEERING	60	Full Time	Yes	No
4	Engineering and Technology	PG	COMPUTER SCIENCE AND ENGINEERING(COMPUTER SCIENCE AND ENGINEERING)	24	Full Time	Yes	No

The provisional affiliation shall be for the academic year 2020 - 2021 or till further orders of the University and the provisional affiliation granted here is subject to the following conditions.

i. Verification of facts submitted by the institution in the e-Gov platform by the University.

ii. The Institution shall remit the affiliation fee to be prescribed by the University by way of online payment through institute portal as and when informed by the University.

iii. The Institution shall observe the Clause 60 (2) of the Act establishing the APJ Abdul Kalam Technological University, the norms and standards prescribed by the AICTE in the Approval Process Handbook 2020 - 2021, and the guidelines by the University from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.

iv. Strict compliance of Anti-Ragging Regulation notified vide F.No.37-3/Legal/AICTE/2009 Dated July 1,2009 for Prevention, and Prohibition of Ragging in Technical Institution /UGC regulations. In case institution fails to take adequate steps to prevent Ragging or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

Non -compliance with any of the conditions will result in the withdrawal of the affiliation without any notice.

Sd/-
Dr. Vrinda V Nair *
Registrar In-charge

Page No: 2

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Royal College of Engineering and Technolgy

To,

1. The Principal, ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY,Akkikavu   THRISSUR.

2. The Chairman, Royal Educational Society and Research Center,Akkikavu THRISSUR.

3. PS to Honble Vice Chancellor.

4. PS to Honble Pro Vice Chancellor.

5. The Secretary, Higher Education Department, Govt Secretariate, Govt of Kerala.

6. The Commissioner for Entrance Examinations, Housing Board Jn, Thiruvananthapuram.

7. Member Secretary, AICTE, New Delhi.

8. PA to Registrar, Dean (Academic), Dean (Research), CoE, FO.

9. Academic Section.

*** This is a computer system generated letter. Hence there is no need for a physical signature.

Royal College of Engineering and Technolgy

APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

CET Campus, Thiruvananthapuram -695016
Ph:0471 2598122, Fax: 2598522 www.ktu.edu.in Email:university@ktu.edu.in

Affiliation / Extension of Affiliation of Technical Institutions for the Academic Year 2019 - 2020 - ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY , Akkikavu THRISSUR - Provisional Affiliation - Orders Issued.

ADMINISTRATION SECTION

No: KTU/A/456/2015   Dated, Thiruvananthapuram,15/05/2019

Read:-

1. APJ Abdul Kalam Technological University Act 2015 (Act No.17 of 2015).

2. Notification No. KTU/A/456/2015 Dated:13-02-2019.

3. Ordinance for affiliation of Institutions dated 12.05.2017 of KTU.

4. Application submitted by ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY,Akkikavu THRISSUR in the e-Governance platform of KTU seeking affiliation for the Academic Year 2019 - 2020 Dated 28/02/2019.

5. Provisional Affiliation Order issued to ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY,Akkikavu THRISSUR vide No:KTU/A/456/2015 Dated,Thiruvananthapuram,15/05/2018.

ORDER

In exercise of the Power under Section 60 of the APJ Abdul Kalam Technological University Act 2015 (Act 17 of 2015), and various other Ordinance, Regulations and Notifications in respect of granting or rejection of affiliation/extension of affiliation of the Institution/Courses, the following orders are issued:

The, ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY vide reference read as 4th above submitted the application seeking affiliation/extension of affiliation of programs for the Academic Year 2019 - 2020.

As per ref cited 5th above provisional affiliation was granted to the institution for the academic year 2018 - 2019 and it was mentioned in the provisional affiliation order that the provisional affiliation shall be for the academic year 2018 - 2019 or till further orders of the University.

The application submitted by the institution vide reference read as 4th above seeking affiliation of programes approved by the All India Council for Technical Education (AICTE) for the Academic Year 2019 - 2020 was considered by the University along with other reports collected by the University.

The University has decided to grant provisional affiliation / extension of provisional affiliation to the ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY,Akkikavu   THRISSUR for conducting following programs with the

Royal College of Engineering and Technolgy

approved intake as below for the Academic Year 2019 - 2020.

No	Program Type	Level	Branch/Stream	Approved Intake	Full/Part Time	NRI	PIO
1	Engineering and Technology	UG	ELECTRICAL AND ELECTRONICS ENGINEERING	60	Full Time	Yes	No
2	Engineering and Technology	UG	MECHANICAL ENGINEERING	120	Full Time	Yes	No
3	Engineering and Technology	UG	CIVIL ENGINEERING	60	Full Time	Yes	No
4	Engineering and Technology	UG	ELECTRONICS & COMMUNICATION ENGG	60	Full Time	Yes	No
5	Engineering and Technology	UG	COMPUTER SCIENCE & ENGINEERING	120	Full Time	Yes	No
6	Engineering and Technology	PG	COMPUTER SCIENCE AND ENGINEERING(COMPUTER SCIENCE AND ENGINEERING)	24	Full Time	Yes	No
7	Engineering and Technology	PG	ELECTRONICS AND COMMUNICATION ENGINEERING(COMMUNICATION ENGINEERING)	24	Full Time	Yes	No

The provisional affiliation shall be for the academic year 2019 - 2020 or till further orders of the University and the provisional affiliation granted here is subject to the following conditions.

i. Verification of facts submitted by the institution in the e-Gov platform by the University.

ii. The Institution shall remit the affiliation fee of Rs.1386000.00 by way of online payment through institute portal within 15 days from the date of this Order.

iii. The Institution shall observe the Clause 60 (2) of the Act establishing the APJ Abdul Kalam Technological University, the norms and standards prescribed by the AICTE in the Approval Process Handbook 2019 - 2020, and the guidelines by the University from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.

iv. Strict compliance of Anti-Ragging Regulation notified vide F.No.37-3/Legal/AICTE/2009 Dated July 1,2009 for Prevention, and Prohibition of Ragging in Technical Institution /UGC regulations. In case institution fails to take adequate steps to prevent Ragging or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

Non -compliance with any of the conditions will result in the withdrawal of the affiliation

Royal College of Engineering and Technolgy

without any notice.

Sd/-
Dr. G.P. PADMAKUMAR *
Registrar

To,

1. The Principal, ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY,Akkikavu   THRISSUR.
2. The Chairman, Royal Educational Society and Research Center,Akkikavu THRISSUR.
3. PS to Honble Vice Chancellor.
4. PS to Honble Pro Vice Chancellor.
5. The Secretary, Higher Education Department, Govt Secretariate, Govt of Kerala.
6. The Commissioner for Entrance Examinations, Housing Board Jn, Thiruvananthapuram.
7. Member Secretary, AICTE, New Delhi.
8. PA to Registrar, Dean (Academic), Dean (Research), CoE, FO.
9. Academic Section.
*** This is a computer system generated letter. Hence there is no need for a physical signature.

Royal College of Engineering and Technolgy

APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

CET Campus, Thiruvananthapuram -695016
Ph:0471 2598122, Fax: 2598522 www.ktu.edu.in Email:university@ktu.edu.in

Affiliation / Extension of Affiliation of Technical Institutions for the Academic Year 2018-19 - ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY , Akkikavu THRISSUR - Provisional Affiliation - Orders Issued.

ADMINISTRATION SECTION

No: KTU/A/456/2015   Dated, Thiruvananthapuram,15/05/2018

Read:-

1. APJ Abdul Kalam Technological University Act 2015 (Act No.17 of 2015).

2. Notification No. KTU/A/456/2018 Dated:21-02-2018.

3. Ordinance dated 12.05.2017 of KTU.

4. Application submitted by ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY,Akkikavu THRISSUR in the e-Governance platform of KTU seeking affiliation for the Academic Year 2018-2019 Dated 12/03/2018.

5. Provisional Affiliation Letter issued to ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY,Akkikavu THRISSUR vide No:KTU/A/456/2015 Dated,Thiruvananthapuram,15/05/2017.

ORDER

In exercise of the Power under Section 60 of the APJ Abdul Kalam Technological University Act 2015 (Act 17 of 2015) , and various other Ordinance,Regulations and Notifications in respect of granting or rejection of affiliation/extension of affiliation of the Institution/Courses, the following orders are issued:

The, ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY vide reference read as 4th above submitted the application seeking affiliation/extension of affiliation of programs for the Academic Year 2018-2019.

As per ref cited 5 th above provisional affiliation was granted to you for the academic year 2017-2018 and it was mentioned in the provisional affiliation order that the provisional affiliation shall be for the academic year 2017-2018 or till further orders of the University.

The Applications submitted by the institution vide reference read as 4th above seeking affiliation of programes approved by the All India Council for Technical Education (AICTE) for the Academic Year 2018-19 was considered by the University along with other reports collected by the University.

The University has decided to grant provisional affiliation / extension of Provisional Affiliation to the ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY,Akkikavu   THRISSUR for conducting following programs with the

Royal College of Engineering and Technolgy

approved intake as below for the Academic Year 2018-19.

No	Program Type	Level	Branch/Stream	Approved Intake	Full/Part Time	NRI	PIO
1	Engineering and Technology	UG	ELECTRICAL AND ELECTRONICS ENGINEERING	60	Full Time	Yes	No
2	Engineering and Technology	UG	MECHANICAL ENGINEERING	120	Full Time	Yes	No
3	Engineering and Technology	UG	CIVIL ENGINEERING	60	Full Time	Yes	No
4	Engineering and Technology	UG	ELECTRONICS & COMMUNICATION ENGG	60	Full Time	Yes	No
5	Engineering and Technology	UG	COMPUTER SCIENCE & ENGINEERING	120	Full Time	Yes	No
6	Engineering and Technology	PG	COMPUTER SCIENCE AND ENGINEERING(COMPUTER SCIENCE AND ENGINEERING)	24	Full Time	Yes	No
7	Engineering and Technology	PG	ELECTRONICS AND COMMUNICATION ENGINEERING(COMMUNICATION ENGINEERING)	24	Full Time	Yes	No

The provisional affiliation shall be for the academic year 2018-19 or till further orders of the University and the provisional affiliation granted here is subject to the following conditions.

i. Verification of facts submitted by the institution in the e-Gov platform by the University.

ii. The Institution shall remit the affiliation fee of Rs.1200000.00 by way of online payment through institute portal within 15 days from the date of this Order.

iii. The Institution shall observe the Clause 60 (2) of the Act establishing the APJ Abdul Kalam Technological University, the norms and standards prescribed by the AICTE in the Approval Process Handbook 2018-2019,and the guidelines by the University from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.

iv. Strict compliance of Anti-Ragging Regulation notified vide F.No.37-3/Legal/AICTE/2009 Dated July 1,2009 for Prevention, and Prohibition of Ragging in Technical Institution /UGC regulations.In case Institution fails to take adequate steps to prevent Ragging or fails to punish perpetrators or incidents of Ragging,it will be liable to take any action as defined under clause 9(4) of the said Regulation.

Non -compliance with any of the conditions will result in the withdrawal of the affiliation

Royal College of Engineering and Technolgy

without any notice.

<div align="right">

Sd/-
Dr. PADMAKUMAR G P*
Registrar

</div>

To,

1. The Principal, ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY,Akkikavu   THRISSUR.
2. The Chairman, Royal Educational Society and Research Center,Akkikavu THRISSUR.
3. PS to Honble Vice Chancellor.
4. PS to Honble Pro Vice Chancellor.
5. The Secretary, Higher Education Department, Govt Secretariate, Govt of Kerala.
6. The Commissioner for Entrance Examinations, Housing Board Jn, Thiruvananthapuram.
7. Member Secretary, AICTE, New Delhi.
8. PA to Registrar, Dean (Academic), Dean (Research), CoE, FO.
9. Academic Section.
*** This is a computer system generated letter. Hence there is no need for a physical signature.

Royal College of Engineering and Technolgy

APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

CET Campus, Thiruvananthapuram -695016
Ph:0471 2598122, Fax: 2598522 www.ktu.edu.in Email:university@ktu.edu.in

Affiliation / Extension of Affiliation of Technical Institutions for the Academic Year 2017-18 - ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY , Akkikavu THRISSUR - Provisional Affiliation - Orders Issued.

ACADEMIC SECTION

No: KTU/A/456/2015   Dated, Thiruvananthapuram,15/05/2017

Read:-

1. APJ Abdul Kalam Technological University Act 2015 (Act No.17 of 2015).

2. Notification No. KTU/A/456/2016 Dated:12-01-2017 and the corrigendum dated 28-01-2017.

3. Ordinance dated 12.05.2017 of KTU.

4. Application submitted by ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY,Akkikavu THRISSUR in the e-Governance platform of KTU seeking affiliation for the Academic Year 2017-2018 Dated 31/01/2017.

5. Provisional Affiliation Letter issued to ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY,Akkikavu THRISSUR vide No:KTU/A/456/2015 Dated,Thiruvananthapuram,14/05/2016.

ORDER

In exercise of the Power under Section 60 of the APJ Abdul Kalam Technological University Act 2015 (Act 17 of 2015) , and various other Ordinance,Regulations and Notifications in respect of granting or rejection of affiliation/extension of affiliation of the Institution/Courses, the following orders are issued:

The, ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY vide reference read as 4th above submitted the application seeking affiliation/extension of affiliation of programs for the Academic Year 2017-2018.

As per ref cited 5 th above provisional affiliation was granted to you for the academic year 2016-2017 and it was mentioned in the provisional affiliation order that the provisional affiliation shall be for the academic year 2016-2017 or till further orders of the University.

The Applications submitted by the institution vide reference read as 4th above seeking affiliation of programes approved by the All India Council for Technical Education (AICTE) for the Academic Year 2017-18 was considered by the University along with other reports collected by the University.

The University has decided to grant provisional affiliation / extension of Provisional Affiliation to the ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY,Akkikavu   THRISSUR for conducting following programs with the approved intake as below for the Academic Year 2017-18.

Page No: 1

No	Program Type	Level	Branch/Stream	Approved Intake	Full/Part Time	NRI	PIO
1	Engineering and Technology	UG	APPLIED ELECTRONICS & INSTRUMENTATION ENGINEERING	0	Full Time	Yes	No
2	Engineering and Technology	UG	ELECTRICAL AND ELECTRONICS ENGINEERING	60	Full Time	Yes	No
3	Engineering and Technology	UG	MECHANICAL ENGINEERING	120	Full Time	Yes	No
4	Engineering and Technology	UG	CIVIL ENGINEERING	60	Full Time	Yes	No
5	Engineering and Technology	UG	ELECTRONICS & COMMUNICATION ENGG	60	Full Time	Yes	No
6	Engineering and Technology	UG	COMPUTER SCIENCE & ENGINEERING	120	Full Time	Yes	No
7	Engineering and Technology	PG	CS(COMPUTER SCIENCE AND ENGINEERING)	24	Full Time	Yes	No
8	Engineering and Technology	PG	EC(COMMUNICATION ENGINEERING)	24	Full Time	Yes	No

The provisional affiliation shall be for the academic year 2017-18 or till further orders of the University and the provisional affiliation granted here is subject to the following conditions.

i. Verification of facts submitted by the institution in the e-Gov platform by the University.

ii. The Institution shall remit the affiliation fee of Rs.950000.00 by way of online payment through institute portal within 15 days from the date of this Order.

iii. The Institution shall observe the Clause 60 (2) of the Act establishing the APJ Abdul Kalam Technological University, the norms and standards prescribed by the AICTE in the Approval Process Handbook 2017-2018,and the guidelines by the University from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.

iv. Strict compliance of Anti-Ragging Regulation notified vide F.No.37-3/Legal/AICTE/2009 Dated July 1,2009 for Prevention, and Prohibition of Ragging in Technical Institution /UGC regulations.In case Institution fails to take adequate steps to prevent Ragging or fails to punish perpetrators or incidents of Ragging,it will be liable to take any action as defined under clause 9(4) of the said Regulation.

Page No: 2

Royal College of Engineering and Technolgy

Non -compliance with any of the conditions will result in the withdrawal of the affiliation without any notice.

<div align="right">

Sd/-
Dr. PADMAKUMAR G P*
Registrar

</div>

To,

1. The Principal, ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY,Akkikavu   THRISSUR.
2. The Chairman, Royal Educational Society and Research Center,Akkikavu THRISSUR.
3. PS to Honble Vice Chancellor.
4. PS to Honble Pro Vice Chancellor.
5. The Secretary, Higher Education Department, Govt Secretariate, Govt of Kerala.
6. The Commissioner for Entrance Examinations, Housing Board Jn, Thiruvananthapuram.
7. Member Secretary, AICTE, New Delhi.
8. PA to Registrar.
9. Academic Section.
*** This is a computer system generated letter. Hence there is no need for a physical signature.

Affiliation / Extension of Affiliation of Technical Institutions for the Academic Year 2016-17 - ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY , Akkikavu THRISSUR - Provisional Affiliation - Orders Issued.

ACADEMIC SECTION

No: KTU/A/456/2015   Dated, Thiruvananthapuram,14-05-2016

Read:-

1. APJ Abdul Kalam Technological University Act 2015 (Act No.17 of 2015).

2. Ordinance dated 10.04.2015 of KTU & Notification issued by University.

3. Notification No. KTU/A/456/2016 (1) Dated:28-03-2016.

4. Application submitted by ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY,Akkikavu THRISSUR in the e-Governance platform of KTU seeking affiliation for the Academic Year 2016-2017 Dated 15/04/2016.

5. Provisional Affiliation Letter issued to ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY,Akkikavu THRISSUR vide No:KTU/A/593/2015 Dated,Thiruvananthapuram,15/05/2015.

ORDER

In exercise of the Power under Section 60 of the APJ Abdul Kalam Technological University Act 2015 (Act 17 of 2015) , and various other Ordinance,Regulations and Notifications in respect of granting or rejection of affiliation/extension of affiliation of the Institution/Courses, the following orders are issued:

The, ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY vide reference read as 4th above submitted the application seeking affiliation/extension of affiliation of programs for the Academic Year 2016-2017.

As per ref cited 5 th above provisional affiliation was granted to you for the academic year 2015-2016 and it was mentioned in the provisional affiliation order that the provisional affiliation shall be for the academic year 2015-2016 or till further orders of the University.

The Applications submitted by the institution vide reference read as 4th above seeking affiliation of programes approved by the All India Council for Technical Education (AICTE) for the Academic Year 2016-17 was considered by the University along with other reports collected by the University.

The University has decided to grant provisional affiliation / extension of Provisional Affiliation to the ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY,Akkikavu   THRISSUR for conducting following programs with the approved intake as below for the Academic Year 2016-17.

Page No: 1

Royal College of Engineering and Technolgy

No	Program Type	Level	Branch/Stream	Approved Intake	Full/Part Time	NRI	PIO
1	Engineering and Technology	UG	APPLIED ELECTRONICS & INSTRUMENTATION ENGINEERING	60	Full Time	Yes	No
2	Engineering and Technology	UG	ELECTRICAL AND ELECTRONICS ENGINEERING	60	Full Time	Yes	No
3	Engineering and Technology	UG	MECHANICAL ENGINEERING	120	Full Time	Yes	No
4	Engineering and Technology	UG	CIVIL ENGINEERING	60	Full Time	Yes	No
5	Engineering and Technology	UG	ELECTRONICS & COMMUNICATION ENGG	120	Full Time	Yes	No
6	Engineering and Technology	UG	COMPUTER SCIENCE & ENGINEERING	120	Full Time	Yes	No
7	Engineering and Technology	PG	CS(COMPUTER SCIENCE AND ENGINEERING)	24	Full Time	No	No
8	Engineering and Technology	PG	EC(COMMUNICATION ENGINEERING)	24	Full Time	No	No

The provisional affiliation shall be for the academic year 2016-17 or till further orders of the University and the provisional affiliation granted here is subject to the following conditions.

i. Verification of facts submitted by the institution in the e-Gov platform by the University.

ii. The Institution shall remit the affiliation fee of Rs.700000.00 by way of online payment through institute portal within 15 days from the date of this Order.

iii. The Institution shall observe the Clause 60 (2) of the Act establishing the APJ Abdul Kalam Technological University, the norms and standards prescribed by the AICTE in the Approval Process Handbook 2016-2017,and the guidelines by the University from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.

iv. Strict compliance of Anti-Ragging Regulation notified vide F.No.37-3/Legal/AICTE/2009 Dated July 1,2009 for Prevention, and Prohibition of Ragging in Technical Institution /UGC regulations.In case Institution fails to take adequate steps to prevent Ragging or fails to punish perpetrators or incidents of Ragging,it will be liable to take any action as defined under clause 9(4) of the said Regulation.

Page No: 2

Royal College of Engineering and Technolgy

Non -compliance with any of the conditions will result in the withdrawal of the affiliation without any notice.

Sd/-
Dr. PADMAKUMAR G P*
Registrar

To,

1. The Principal, ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY,Akkikavu   THRISSUR.

2. The Chairman, Royal Educational Society and Research Center,Akkikavu THRISSUR.

3. PS to Honble Vice Chancellor.

4. PS to Honble Pro Vice Chancellor.

5. The Secretary, Higher Education Department, Govt Secretariate, Govt of Kerala.

6. The Commissioner for Entrance Examinations, Housing Board Jn, Thiruvananthapuram.

7. Member Secretary, AICTE, New Delhi.

8. PA to Registrar.

9. Academic Section.

* This is a computer system generated letter. Hence there is no need for a physical signature.

Royal College of Engineering and Technolgy

PROCEEDINGS

Kerala Technological University - Affiliation of Technical Institutions for the Academic Year 2015-2016 – Affiliation of Technical Institutions - ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY , Akkikavu THRISSUR - Orders Issued.

ACADEMIC SECTION

No: KTU/A/593/2015   Dated, Thiruvananthapuram, 15.05.2015

Read:-

1. Kerala Technological University Ordinance 2014 (11 of 2014, 2 of 2015)

2. G.O(Ms.) No:933/2015/H.Edn dated 11.3.2015 of Higher Edn (J) Dept, Govt of Kerala

3. Ordinance dated 10.4.2015 of KTU.

4. Notification issued by KTU on 25.4.2015, 8.5.2015 and 13.5.2015

5. Application submitted by ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY,Akkikavu THRISSUR
    in the e-Governance platform of KTU seeking affiliation for the Academic Year 2015-16.

ORDER

As per the Clause 59 of the Ordinance establishing Kerala Technological University read as 1st above, the Affiliation and recognition of Technical Institutions to Kerala Technological University is mandatory. In accordance with that, the University can affiliate any of the Engineering Colleges or Institutions imparting education in EngineeringTechnology owned by Government of Kerala or Government Controlled Societies, Private Aided and Private Unaided, self-financeing educationalagencies, provided they meet the criteria prescribed under the Ordinance.

By the order read as 2nd above, Government of Kerala have accorded sanction to disaffiliate the institutions imparting education in Engineering and Technology in the State of Kerala as stated under the above clause and affiliate them to the Kerala Technological University by invoking the same clause from the Academic year 2015-2016 and all technical institutions in the State will mandatorily affiliate with Kerala Technological University for the conduct of B.Tech and M.Tech courses from the Academic Year 2015-16 onwards.

Vide reference read as 3rd and 4th above, Kerala Technological University has issued Ordinance and notification for affiliating 'Existing and New Technical Insitutions' of the state which conductsUnder Graduate and Post Graduate programmes in Engineering and Technology for the Academic Year 2015-16.

The Applications submitted by the institution vide reference read as 5th above seeking affiliation of programmes approved by the All India Council for Technical Education (AICTE) for the Academic Year 2015-16 was considered by the University.

Page No: 1

The Honourable Vice-Chancellor exercising the powers under Section 15 (6) & 59 has granted provisional affiliation to the ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY,Akkikavu THRISSUR for conducting programmes in Engineering with the approved intake as below for the Academic Year 2015-16.

Sl.No	Level	Program	Intake
1	UG	APPLIED ELECTRONICS & INSTRUMENTATION ENGINEERING	60
2	UG	ELECTRICAL AND ELECTRONICS ENGINEERING	60
3	UG	MECHANICAL ENGINEERING	120
4	UG	CIVIL ENGINEERING	60
5	UG	ELECTRONICS & COMMUNICATION ENGG	120
6	UG	COMPUTER SCEINCE & ENGINEERING	120
7	PG	COMPUTER SCIENCE AND ENGINEERING	24
8	PG	COMMUNICATION ENGINEERING	24

The provisional affiliation shall be for the academic year 2015-16/till further orders of the University and the provisional affiliation granted herewith is subject to the following conditions.

i. Verification of facts submitted by the institution in the e-Gov platform by an Expert Visiting Committee constituted by the University;

ii. The Institution shall remit the affiliation fee of Rs.350000 by way of online payment through institute portal within one month from the date of this Order;

iii. The Institution shall observe the Clause 59 (2) of the Ordinance establishing the KTU, the norms and standards prescribed by the AICTE in the Approval Process Handbook 2015-16, and the guidelines by KTU from time to time.

Non -compliance with any of the conditions will result in the withdrawal of the affiliation without any notice.

Sd/-
Dr. PADMAKUMAR G P*
Registrar

To,

1. The Principal, ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY,Akkikavu   THRISSUR

Page No: 2

Royal College of Engineering and Technolgy

2. The Chairman, Royal Educational Society and Research Center,Akkikavu THRISSUR

3. PS to Honble Vice Chancellor

4. PS to Honble Pro Vice Chancellor

5. The Secretary, Higher Education Department, Govt Secretariate, Govt of Kerala

6. The Commissioner for Entrance Examinations, Housing Board Jn, Thiruvananthapuram

7. PA to Registrar

8. Academic Section

* This is a computer system generated letter. Hence there is no need for a physical signature.

Royal College of Engineering and Technolgy

Minority Certificate

54669

भारत सरकार

राष्ट्रीय अल्पसंख्यक शैक्षणिक संस्था आयोग

GOVERNMENT OF INDIA
NATIONAL COMMISSION FOR MINORITY EDUCATIONAL INSTITUTIONS

प्रथम तल, जीवन तारा भवन, ५, संसद मार्ग
पटेल चौक, नई दिल्ली - ११०००१
1st Floor, Jeevan Tara Building, 5, Sansad Marg
Patel Chowk, New Delhi - 110001

C E R T I F I C A T E

Dated..............................

THIS IS TO CERTIFY THAT BY THE ORDER DATED 3RD DAY OF AUGUST 2011 PASSED BY THE NATIONAL COMMISSION FOR MINORITY EDUCATIONAL INSTITUTIONS, NEW DELHI IN CASE NO. 322 OF 2011 (ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY, P.O. CHIRAMANANGAD, THRISSUR, KERALA, VS. SECRETARY, HIGHER EDUCATION DEPARTMENT, GOVERNMENT OF KERALA), THE ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY RUN BY THE ROYAL EDUCATIONAL SOCIETY & RESEARCH CENTRE HAS BEEN DECLARED AS A MINORITY EDUCATIONAL INSTITUTION COVERED UNDER SECTION 2 (g) OF THE NATIONAL COMMISSION FOR MINORITY EDUCATIONAL INSTITUTIONS ACT, 2004.

GIVEN UNDER MY HAND AND THE SEAL OF THE COMMISSION ON THIS 3RD DAY OF AUGUST 2011.

(RAJ SINGH)
SECRETARY

Hospital MOU

Ph: 0494 2654430

Changaramkulam Mother & Child Hospital

CHANGARAMKULAM, NANNAMUKKU P.O., MALAPPURAM DIST., KERALA ST., INDIA, PIN: 679 575
Email: motherhospital600@gmail.com

Ref: Date..11.|.11.|.2020

CERTIFICATE

This is to certify that Changaramkulam Mother And Child Hospital
Changaramkulam, Malappuram Dist, has agreed to tie-up with Royal Of
Engineering & Technology, Chiramanangad P.O Akkikavu, to provide
necessary emergency medical care & ambulance service to the students
and staff members of the college. Also certify that the Institution has
arranged necessary First-Aid facilities in the college and hostels.

Managing Partner

MANAGING PARTNER
CHANGARAMKULAM
MOTHER & CHILD HOSPITAL

Royal College of Engineering and Technolgy

AISHE CERTIFICATES

Royal College of Engineering and Technolgy

Government of India
Ministry of Human Resource Development
Department of Higher Education
Statistics Division
New Delhi

Certificate

Reference No. C-8064-2019

This is to certify that Subramanian S P of ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY, AKKIKAVU,THRISSUR has successfully uploaded the data of All India Survey on Higher Education(AISHE) 2019-2020.

(Madan Mohan)
Deputy Director General
Name of the signatory

Dated: 04/03/2020

Government of India
Ministry of Human Resource Development
Department of Higher Education
Statistics Division
New Delhi

Certificate

Reference No. C-8064-2018

This is to certify that Subramanian S P of ROYAL COLLEGE OF ENGG & TECH., AKKIKAVU has successfully uploaded the data of All India Survey on Higher Education(AISHE) 2018-2019.

(Madan Mohan)
Deputy Director General
Name of the signatory

Dated: 27/02/2020

Royal College of Engineering and Technolgy

Government of India

Ministry of Human Resource Development

Department of Higher Education

Statistics Division

New Delhi

Certificate

Reference No. C-8064-2017

This is to certify that Subramanian S P of ROYAL COLLEGE OF ENGG & TECH., AKKIKAVU has successfully uploaded the data of All India Survey on Higher Education(AISHE) 2017-2018.

(Madan Mohan)

Deputy Director General

Name of the signatory

Dated: 27/02/2020

Royal College of Engineering and Technolgy

Government of India
Ministry of Human Resource Development
Department of Higher Education
Statistics Division
New Delhi

Certificate

Reference No. C-8064-2016

This is to certify that Subramanian S P of ROYAL COLLEGE OF ENGG & TECH., AKKIKAVU has successfully uploaded the data of All India Survey on Higher Education(AISHE) 2016-2017.

(Madan Mohan)
Deputy Director General
Name of the signatory

Dated: 27/02/2020

Royal College of Engineering and Technolgy

Government of India
Ministry of Human Resource Development
Department of Higher Education
Statistics Division
New Delhi

Certificate

Reference No. C-8064-2015

This is to certify that Subramanian S P of ROYAL COLLEGE OF ENGG & TECH., AKKIKAVU has successfully uploaded the data of All India Survey on Higher Education(AISHE) 2015-2016.

(Madan Mohan)
Deputy Director General
Name of the signatory

Dated: 27/02/2020

Royal College of Engineering and Technolgy

Government of India
Ministry of Human Resource Development
Department of Higher Education
Statistics Division
New Delhi

Certificate

Reference No. C-8064-2014

This is to certify that Subramanian S P of ROYAL COLLEGE OF ENGG & TECH., AKKIKAVU has successfully uploaded the data of All India Survey on Higher Education(AISHE) 2014-2015.

(Madan Mohan)
Deputy Director General
Name of the signatory

Dated: 27/02/2020

Government of India
Ministry of Human Resource Development
Department of Higher Education
Statistics Division
New Delhi

Certificate

Reference No. C-8064-2013

This is to certify that KIRAN SAMUEL of ROYAL COLLEGE OF ENGG & TECH., AKKIKAVU has successfully uploaded the data of All India Survey on Higher Education(AISHE) 2013-2014.

(Madan Mohan)
Deputy Director General
Name of the signatory

Dated: 27/02/2020

Royal College of Engineering and Technolgy

Government of India
Ministry of Human Resource Development
Department of Higher Education
Statistics Division
New Delhi

Certificate

Reference No. C-8064-2012

This is to certify that KIRAN SAMUEL of ROYAL COLLEGE OF ENGG & TECH., AKKIKAVU has successfully uploaded the data of All India Survey on Higher Education(AISHE) 2012-2013.

(Madan Mohan)
Deputy Director General

Name of the signatory

Dated: 27/02/2020

Government of India
Ministry of Human Resource Development
Department of Higher Education
Statistics Division
New Delhi

Certificate

Reference No. C-8064-2011

This is to certify that KIRAN SAMUEL of ROYAL COLLEGE OF ENGG & TECH., AKKIKAVU has successfully uploaded the data of All India Survey on Higher Education(AISHE) 2011-2012.

(Madan Mohan)
Deputy Director General

Dated: 27/02/2020

Name of the signatory

Royal College of Engineering and Technolgy

Government of India
Ministry of Human Resource Development
Department of Higher Education
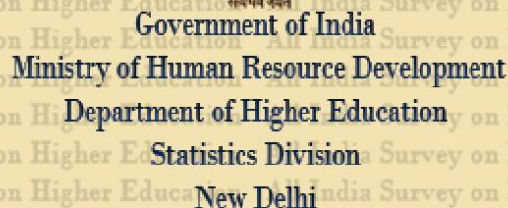Statistics Division
New Delhi

Certificate

Reference No. C-8064-2010

This is to certify that KIRAN SAMUEL of ROYAL COLLEGE OF ENGG & TECH., AKKIKAVU has successfully uploaded the data of All India Survey on Higher Education(AISHE) 2010-2011.

(Madan Mohan)
Additional Director General

Dated: 16/03/2020

Name of the signatory

Royal College of Engineering and Technolgy

Abbrevations

Abbreviation	Full form
AEI	Applied Electronics and Instrumentation
AICTE	All India Counsil for Thechnical Education
AIDS	Acquired Immune Deficiency Syndrome
AIM	Association and Interaction with Masters
AISHE	All India Survey of Higher Education
AMIE	Associate Member of the Institution of Engineers
AMS	Academic Management System
AQAR	Annual Quality Assurance Report
AR	Augmented Reality
ASC	American Society of Civil Engineers
ASH	Applied Science and Humanities
ATM	Atomated Teller Machine
BOS	Board of Studies
BSNL	Bharat Sanchar Nigam Limited
BSS	Bharat Sevak Samaj
CAD	Computer Aided Design
CAT	Common Aptitude Test
CBCS	Choice Based Credit System
CCE	Continous and Comprehensive Evaluation
CCTV	Closed Circuit Television
CE	Civil Engineering
CL	Casual Leave
CLAT	Common Law Admission Test
CO	Course Outcome
CoE	Controller of Examinations
CSE	Computer Scince Engineering
CY	Current Year
DAC	Department Advisory Committee
DC	Direct Current
DCI	Dredging Cooperation of India
DCoE	Department Controller of Examinations
DCP	Dry Chemical Powder
DDC	Dewey Decimal Classification
DP	Display Port
DSP	Digital Signal Processing
DVI	Digital Visual Interface
ECE	Electronics and Communication Engineering
EEE	Electrical and Electronics Engineering
EPF	Employee Provident Fund

Royal College of Engineering and Technolgy

ERA	Emirates Royal Alumni
ERP	Enterprise Resource Planning
ESI	Employee State Insurance
FAC	Faculty Advisory Committee
FDP	Faculty Development Program
FMS	File Management System
GATE	Gradute Aptitude Test Engineering
GB	Giga Byte
GHz	Giga Hertz
GMAT	Graduate Management Aptitude Test
GOI	Government of India
GRE	Graduate Record Examinations
HDD	Hard Disk Drive
HDMI	High Definition Multimedia Interface
HOD	Head of Department
HR	Human Resource
HSE	Higher Secodary Education
ICFOSS	International centre for free and open source software
ICT	Information anmd Communication Technology
ICTAK	Information and Communications Technology Academy of Kerala
IEDC	Innovation and Enterpreneurship Development Cell
IEEE	Institution of Electrical and Electronic Engineers
IEI	Institute of Engineers of India
IETE	Institution of Electronics and Telecommunication Engineers
IIM	Indian Institute of Management
IIT	Indian Institute of Technology
INR	Indian Rupees
IPR	Intellectual Property Right
IQAC	Internal Quality Assurance Cell
ISBN	International Standard Book Number
ISO	International Organization for Standardization
ISPs	Internet Service Providers
ISSN	International Standard Serial Number
ISTE	Indian Society for Technical Education
IT	Information and Technology
JAM	Joint Admission Test
KBAIC	Kerala Block Chain Academy Innovation Club
KEAM	Kerala Engineering Architecture Medical
KSIDC	Kerala State Industrial Development Corporation
KSITIL	Kerala State Information Technology Infrastructure Limited
KSUM	Kerala Start Up Mission

Royal College of Engineering and Technolgy

KTU	Kerala Technical University
KVA	Kilo Volt Ampere
KVADG	Kilo Volt Ampere Diesel Generator
LAN	Local Area Network
LCD	Liquid Crystal Display
LED	Light Emitting Diode
LIBSOFT	Library Software
LMS	Learning Management System
LOP	Loss of Pay
MAT	Management Aptitute Test
Mbps	Mega bites per second
MCI	Medical Council of India
ME	Mechanical Engineering
MEP	Mechanical,Electrical and Plumbing
MHRD	Ministy of Human Resource Development
MoU	Memorandum of Understanding
Mphill	Master of Philosophy
Mtech	Master of Technology
NAAC	National Assessment and Accredition Council
NBA	National Board of Accredition
NCC	National Cadet Corps
NCTE	National Council for center of Education
NDE	Non Destructive Examination
NGO	Non Governmental Organization
NIRF	National Institutional Ranking Framework
NME	National Mission on Education
NMEICT	National Mission on Education through Information and Communication Technology
NPTEL	National Program on Technology Enchanced Learning
NSS	National Service Scheme
OA/HR	Office Attenders/Human Resource
OBC/OEC	Other Backward Class/Other Eligible Community
OFC	Optical Fiber Cable
OHP	Over Head Projector
OPAC	Online Public Access Catelogue
OPS	Open Profilling Standard
PC	Personal Computer
PCI	Pharmacy Council of India
PEO	Program Educational Objective
PG	Post Graduation
PhD	Doctor of Philosophy
PO	Program Outcome

Royal College of Engineering and Technolgy

PS2	Personal System 2
PSC	Public Service Commission
PSO	Program Specific Outcome
PSU	Public Sector Undertakings
PTA	Parent Teacher Assosiation
PTMA	Parent Teacher Management Assosiation
R&D	Research and Development
RACE	Royal Advanced Career Education Centre
RAM	Random Access Memory
RBI	Reserve Bank of India
RCET	Royal College of Engineering and Technology
RCI	Rehabilitation Council of India
REAP	Result Enhancement and Aptitude Training Program
RER-DW	Royal EC Research and Development Wing
RGB	Red Green Blue
RJ45	Registered Jack45
RRB	Railway Recruitment Board
RS232C	Recommend Standard 2332C
SC/ST	Scheduled Caste/Scheduled Tribe
SDPK	Skill Delivery Platform Kerala
SEBC	Socially and Educational Backward Community
SLET	State Level Eligibility Test
SSC	Staff Selection Commission
SSSDF	Student's Social Skill Development Forum
TOEFL	Test of English as a Foreign Langue
UG	Under Graduation
UGC	University Grants Commission
UPS	Uninterrupted Power Supply
USB	Universal Serial Bus
UV	Ultra Violet
VR	Virtual Reality
VVMHSS	VVM Higer Secondary School
WCC	Women's Complaints Commission
Wi-Fi	Wireless Fiedility
YRC	Youth Red Cross

Self-declaration / Undertaking by the HEIs

I the undersigned Dr. DEVI.V is willing to undertake the Peer Team Visit to our HEI, ROYAL COLLEGE OF ENGINEERING AND TECHNOLOGY , following all due protocols and regulations as per existing NAAC, Central & State Governments guidelines from time to time and also follow the local guidelines of the concerned district administration. This is to inform that the undersigned Dr. DEVI. V is desiring to fully undertake the responsibility of Peer Team Visits of NAAC on our own free will and decision. I state that I am aware that it is entirely voluntary for me and my HEI to undertake the Peer Team Visits and that I am doing so of my own free will, having understood the risks currently prevailing in commuting to, and executing the Peer Team related works in the current COVID-19 Pandemic.

I'm in good health and none of my faculty members, administrative staff and the student fraternity in the HEI, ROYAL COLLEGE OF ENGINEERING AND TECHNOLOGY, are suffering from fever, cough and breathing problems for the past two weeks. We are not involving any individuals having any diseases, illness and asymptomatic conditions etc, in Peer Team Visit process. We will wear a face mask/s as well as any other necessary prescribed protective gear and maintain physical social distancing in 'the course of Peer Team Visit. I will self-monitor my health and other staff members including students in campus every day. In case of symptoms like fever, cough, flu-like symptoms and/or breathing problem then I will inform the same to concerned NAAC coordinator/Peer Team Members immediately and also I will

1/3

Royal

COLLEGE OF ENGINEERING & TECHNOLOGY
(APPROVED BY AICTE AND AFFILIATED TO UNIVERSITY OF CALICUT /
APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY)

ISO 9001:2008
Certified by IRQS

MGMT. SYS.
RvA C 071

Ref   Date :......................

consult a doctor in the campus and follow medical advice on my own. I understand that there is always a possibility of getting infected by the virus. The NAAC would not be Responsible for any eventualities with respect to COVID-19/health situation during the course of Peer Team Visits at any stage. I on behalf of the HEI, RCET have read the SOPs/guidelines given by NAAC and fully agree to abide by the said rules and regulations. I fully understand the ground-situation and will undertake the Peer team visits with extreme precautions as per the extant guidelines issued by Central& State Government with regards to Covid-19 and maintain good health. I shall also abide by the Local Administration guidelines as and when updated.

The HEI is aware and would abide by all rules and regulations of UGC guidelines with respect to opening of the Institutions during the current pandemic situation. All the stakeholders on the campus will compulsorily wear a mask, use sanitizers, thermal scanners, etc and shall take care of social distancing norms as per the SOP of Dept. of Health, GoI from time to time. During the presentations and interactions, the person presenting or interacting with the Peer team can remove the mask, but shall take care of the social distance norms. The HEI shall ensure the availability of Hand Sanitizer at required places. Any programme/activity related to Peer Team Visit may have a maximum audience of not more than 50-60 personnel following social distancing norms. The program can be planned with minimum number of stakeholders. Large congregations must be avoided. I also undertake that good quality hotels list (three)**with good hygiene in the nearest locality not more than 20 kilometres from the HEI will be furnished to the NAAC for PTV.

2/3

Royal
COLLEGE OF ENGINEERING & TECHNOLOGY
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APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY)

ISO 9001:2008
Certified by IRQS

MGMT SYS
RvA C 0/1

Ref   Date :

The HEI is ready to undertake the PTV and all the rules and regulations as regards Covid-19 framed by the Government of India are followed in to. HEI will not involve faculty, students, employees or anyone who is affected by corona. The HEI also will not involve any personnel who are asymptomatic and not in good health.

Head of the HEI name: **Dr. DEVI.V**
Full Address with Pin code:
PRINCIPAL,
ROYAL COLLEGE OF ENGINEERING AND TECHNOLOGY,
CHIRAMANAGAD P.O,AKKIKKAVU-TRICHUR.-680604

PRINCIPAL
ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY
AKKIKAVU

(Seal)

AISHE code   C-8064

Place: RCET, AKKIKKAVU
Date: 08.01.2021

**List of proposed hotels for Peer team
1. Sterling Hotel, (14kms from college)**
Mammiyur Junction, Puthanpally (PO), Guruvayur, Kerala-680103
Phone: 0487-2550041
2. Hotel Devaragam, (14kms from college)
Outer Ring Road, Opp.Railway Station,
East Nada, Guruvayur-680101
Phone: 0487-2560201
3. K R INN, (7kms from college)
Calicut Road,
Perimpilavu, Thrissur
Phone: 08281698964

AKKIKAVU
P.O. CHIRAMANANGAD, (VIA) MARATHANCODE, THRISSUR DIST., PIN-680 604, KERALA, INDIA
PH: 04885 289009, 271121, 271122, website:www.royalcet.ac.in, e-mail:rcet@rediffmail.com

3/3

INSTITUTIONAL ASSESSMENT AND ACCREDITATION
(Effective from July 2017)

Accreditation - (Cycle - 1)

PEER TEAM REPORT ON

INSTITUTIONAL ACCREDITATION OF
ROYAL COLLEGE OF ENGINEERING AND TECHNOLOGY
C-8064

THRISSUR
680604

(Draft)

Section I:GENERAL INFORMATION

1.Name & Address of the institution:	ROYAL COLLEGE OF ENGINEERING AND TECHNOLOGY THRISSUR Kerala 680604
2.Year of Establishment	2003
3.Current Academic Activities at the Institution(Numbers):	
Faculties/Schools:	5
Departments/Centres:	5
Programmes/Course offered:	4
Permanent Faculty Members:	83
Permanent Support Staff:	86
Students:	650
4.Three major features in the institutional Context (Asperceived by the Peer Team):	1. Minority Status 2. Good Infrastructure 3. NSS cell
5.Dates of visit of the Peer Team (A detailed visit schedule may be included as Annexure):	Visit Date From : 13-02-2021 Visit Date To : 14-02-2021
6.Composition of Peer Team which undertook the on site visit:	

	Name	Designation & Organisation Name
Chairperson	DR. SIVAPULLAIAH PUVVADI	Pro-Vice Chancellor,GANDHI INSTITUTE OF TECHNOLOGY AND MANAGEMENT
Member Co-ordinator:	DR. TUSHAR DESHMUKH	Registrar,Sant Gadge Baba Amravati University
Member:	DR. O P VERMA	Professor,Delhi Technological University
NAAC Co - ordinator:	Dr. Shyam Singh Inda	

Section II: CRITERION WISE ANALYSIS

Observations (Strengths and/or Weaknesses) on each qualitative metrices of the key Indicator under the respective criterion(This will be a qualitative analysis of descriptive nature aimed at critical analysis presenting strength and weakness of HEI under each criteria)

Criterion1 - Curricular Aspects (Key Indicator and Qualitative Metrices(QlM) in Criterion1)	
1.1	Curricular Planning and Implementation
1.1.1 QlM	**The Institution ensures effective curriculum delivery through a well planned and documented process**
1.1.2 QlM	**The institution adheres to the academic calendar including for the conduct of CIE**
1.2	Academic Flexibility
1.3	Curriculum Enrichment
1.3.1 QlM	**Institution integrates crosscutting issues relevant to Professional Ethics ,Gender, Human Values ,Environment and Sustainability into the Curriculum**
1.4	Feedback System

Qualitative analysis of Criterion 1

Royal College of Engineering and Technology (RCET) was established in the year 2003. It is a minority status institute. It was under University of Calicut from 2003. It is now affiliated to APJ Abdul Kalam Technological University (APJAKTU) since 2015 onwards. Till date there were five UG programs (BTech) and two PG program (MTech). Now in 2020-2021 there are three UG programs (BTech) and one PG program (MTech) affiliated to the APJAKTU. The Institute is spread over 25 Acres of green lush campus in the rural background near Guruvayur.

The institute adheres to the academic calendar for the semester in synchronizing with the APJAKTU calendar. Course plans are prepared at department level. RCET has an Academic Management System (AMS) for uploading all day to day activities of the course such as timetable, course plans, online attendance marking etc.

The subject wise performance analysis of faculty is carried out, twice in a semester based on student feedback, which is communicated to the respective teachers through AMS. Internal examinations are conducted as per academic calendar for all semesters. University norms for conducting internal assessment exams and external assessment exams are followed.

Subjects introduced in the curriculum by the university related to professional ethics, environment and sustainability are taught with due importance to impart awareness to the students. Extra-curricular and co-curricular activities are being conducted regularly. All statutory committees like Action Discipline Committee, Anti Ragging Committee, Women Cell, Grievance Redressed Cell are in place. However more additional subject related to Human Values and Professional Ethics needs to be initiated at the institute level.

The institute has 48 female faculty members out of total 83 faculty members and maintained good gender ratio amongst faculty members. PhD qualified faculty numbers are very low. The Institute needs to examine the outcome of feedback system in efficient manner.

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Criterion2 - Teaching-learning and Evaluation (Key Indicator and Qualitative Metrices(QlM) in Criterion2)	
2.1	Student Enrollment and Profile
2.2	Catering to Student Diversity
2.2.1 QlM	**The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners**
2.3	Teaching- Learning Process
2.3.1 QlM	**Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences**
2.3.2 QlM	**Teachers use ICT enabled tools for effective teaching-learning process.**
2.4	Teacher Profile and Quality
2.5	Evaluation Process and Reforms
2.5.1 QlM	**Mechanism of internal assessment is transparent and robust in terms of frequency and mode**
2.5.2 QlM	**Mechanism to deal with internal/external examination related grievances is transparent, time- bound and efficient**
2.6	Student Performance and Learning Outcomes
2.6.1 QlM	**Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.**
2.6.2 QlM	**Attainment of programme outcomes and course outcomes are evaluated by the institution.**
2.7	Student Satisfaction Survey

Qualitative analysis of Criterion 2

The Institute admits the students as per the University and Govt. of Kerala admission policy. The students of the Kerala and some NRI students are taking admissions in this institute. The sanctioned intake was not filled up for the last few years. Diversity of students is also very limited.

Institution assesses the learning levels of student's immediately after admission and organizes special programs for advanced learners and slow learners. Students are grouped as slow learners, average learners and fast learners based on their past academic performance. RCET has a platform named as Result Enhancement and Attitude Building Program (REAP) to motivate and help the academically weaker students. They have taken steps to improve all categories of learners.

The class room are being Information and Communication Technology (ICT) enabled for enhancing the teaching learning process. The electronic resource packages like National Programs on Technology Enhanced Learning (NPTEL), Spoken Tutorial and Digital Library are available. The faculty members effectively utilize Audio Visual aids to demonstrate the concepts to the students, using the resources from NPTEL to enhance the learning experience.

To obtain industry exposure to the students, departments organize industrial visits and promote them to participate in industrial training and internships.

After completion of the course, feedback from each student is collected for finding areas where overall improvement is needed in the course and curriculum.

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Criterion3 - Research, Innovations and Extension (Key Indicator and Qualitative Metrices(QlM) in Criterion3)	
3.1	Resource Mobilization for Research
3.2	Innovation Ecosystem
3.2.1 QlM	**Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge**
3.3	Research Publications and Awards
3.4	Extension Activities
3.4.1 QlM	**Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the last five years.**
3.5	Collaboration

Qualitative analysis of Criterion 3

The fund for mobilization of the research at the institute level is very less and therefore the management of the institute needs to allot significant fund to increase the research among faculty and students. Out of the 83 total faculty members available in the institute only 2 faculty members are the PhD holders. The institute needs to devise suitable system for enrolment of more faculty members to pursue their PhD.

The Institute is keen on developing Incubation centre. The Institute trying to promote and develop startup projects of some of their alumni.

The association of students with NSS gave them enough opportunities to make them adaptive to challenging situations in life.

The core values promoted by the institution such as Ethical practices, gender equity, human values, national integration, awareness on environment and sustainability are acquired by students through the various extension activities.

The NSS technical unit 143 of RCET has secured the best volunteer award continuously in 2015, 2016, and 2017 and special appreciation award in 2018 and 2019. RCET got large media appreciation for their commendable support and involvement in flood, rescue and relief activities in 2018 and 2019. The RCET involves in "Swatch Bharath Mission" activities in the campus and nearby areas.

Criterion4 - Infrastructure and Learning Resources (Key Indicator and Qualitative Metrices(QlM) in Criterion4)	
4.1	Physical Facilities
4.1.1 QlM	**The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.**
4.1.2 QlM	**The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.**
4.2	Library as a Learning Resource
4.2.1 QlM	**Library is automated using Integrated Library Management System (ILMS)**
4.3	IT Infrastructure
4.3.1 QlM	**Institution frequently updates its IT facilities including Wi-Fi**
4.4	Maintenance of Campus Infrastructure
4.4.2 QlM	**There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.**

Qualitative analysis of Criterion 4

The Institute has sufficient infrastructure to run and some that they may wish to start. It has 33 class rooms, 06 tutorial room, 01 seminar room and the Institute is using covered space between two blocks as an auditorium. College is having central library, canteen, health centre, hostel for girls and boys, sports ground space for developing good sport facilities such as football, volley ball, cricket badminton, basketball etc.

RCET is having an internet connectivity of 40 Mbps. However, hostels were not equipped with internet. CSE department has 250 computers in 5 computer labs and in total 572 computers in the Institute including other computing peripherals. Civil Engineering department has good laboratories to carry out consultancy services on material testing, and water quality tests. All the labs have sufficient equipments with other facilities as per the syllabus of the University.

RCET has 11KV substation and has 180 KVA Diesel generator set for campus load, 50 KVA and 15 KVA DG sets for base load and boys' hostel respectively.

The college hosted 2019 APJ Abdul Kalam Technological University E-Zone Kabaddi tournament. RCET also promotes cultural activities through its cultural fest named as "DHANAK" in every year with various conventional and modern types of arts form.

RCET Central Library possess approximately 27,800 text books, 54 journal titles, 859 e –journals of DELNET. Digital library comprising 10 systems with internet speed. Library is digitized and automated using LIBSOFT software. A collection of more than 3000 books are provided to the department libraries. The new self-learning online platforms like SWAYAM, NPTEL, IIT online courses are also promoted through the digital library. A reprography section also operates within the library so that members can take photocopies, printouts of necessary data. The new arrival rack keeps the members updated with new additions to the library

Although the RCET upgrades the IT facilities time to time but more frequently upgradation is required.

The institute has a initiated the setup of Language lab.

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The college has own drinking water filtering and treatment mechanism under R.O system. There are AMCs for maintenance of most of the equipments in the laboratories, computers, electrical fittings etc.

Criterion5 - Student Support and Progression (Key Indicator and Qualitative Metrices(QlM) in Criterion5)	
5.1	Student Support
5.2	Student Progression
5.3	Student Participation and Activities
5.3.2 QlM	**Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities following duly established processes and norms (student council, students representation on various bodies)**
5.4	Alumni Engagement
5.4.1 QlM	**There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services**

Qualitative analysis of Criterion 5

The students involve in various clubs like energy club, sports club, film and photography club, newsletter and technical magazine club, arts and tech fest committee etc. They are also getting opportunities in involving students'welfare, students' grievance and appeals committee, anti-ragging cell and Women Complaint's Cell.

The college students involve many of the co-curricular and extracurricular activities like Tech fests, conferences, workshops, Arts festival, sports activities, social outreach programme, industry interaction etc.

RCET Alumni Association was formed in 2007 found active. The RCET Alumni Association is now clustered in different areas as like, RCET Alumni Association UAE-ERA(Emirates Royal Alumni), RCET Alumni Association Chennai, RCET Alumni Association Bangalore, RCET Alumni Association Qatar ALUMNI INITIATIVES.

The Institute recently received a Ford Ecosport car for study purpose from Ford India Pvt. Ltd by the sincere efforts of one of the alumni.

Criterion6 - Governance, Leadership and Management (Key Indicator and Qualitative Metrices(QlM) in Criterion6)	
6.1	Institutional Vision and Leadership
6.1.1 QlM	**The governance of the institution is reflective of and in tune with the vision and mission of the institution**
6.1.2 QlM	**The effective leadership is visible in various institutional practices such as decentralization and participative management**
6.2	Strategy Development and Deployment
6.2.1 QlM	**The institutional Strategic / Perspective plan is effectively deployed**
6.2.2 QlM	**The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.**
6.3	Faculty Empowerment Strategies
6.3.1 QlM	**The institution has effective welfare measures for teaching and non-teaching staff**
6.3.5 QlM	**Institutions Performance Appraisal System for teaching and non-teaching staff**
6.4	Financial Management and Resource Mobilization
6.4.1 QlM	**Institution conducts internal and external financial audits regularly**
6.4.3 QlM	**Institutional strategies for mobilisation of funds and the optimal utilisation of resources**
6.5	Internal Quality Assurance System
6.5.1 QlM	**Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes**
6.5.2 QlM	**The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities** **(For first cycle - Incremental improvements made for the preceding five years with regard to quality** **For second and subsequent cycles - Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives)**

Qualitative analysis of Criterion 6

The Institute is long way to fulfill the Vision and Mission as formulated earlier. The highest body of the institution is the Board of Directors. The Governing body meets minimum twice in a year. Board is constituting of President, General secretary, Treasurer, Senior Vice president, Secretaries, Executive Director and Directors. The Director Board and CEO heading the administrative set up manages financial section with the support of the principal.

The Institute has constituted IQAC and trying to fulfill its expected role. IQAC has initiated the development and application of quality benchmarks for the various academic activities of the institution and also programmes for off- syllabus learning and skill development of the students.

RCET is a minority Institution and takes care of the religious customs of teaching, non-teaching staff and
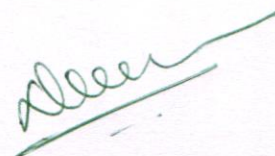
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students.

The Institute obtains self-assessment report from employees through their respective departmental heads. However, the result of this process is not so far visible.

RCET is an unaided self-financing institution. It depends on own sources of finance for running the institution. The institute is having an Internal Audit system. Internal audit is being conducted regularly. The institute also conduct External audit yearly. The financial health of the Institute is not sound due to lack of fulfilling the intake capacity. The management is resorting to sell some of the assets of the trust to tide over the financial problems. The Institute's outstanding loan is a burden as interest component somehow managed to pay by the college from the Institute's receipts

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Criterion7 - Institutional Values and Best Practices (Key Indicator and Qualitative Metrices(QlM) in Criterion7)	
7.1	Institutional Values and Social Responsibilities
7.1.1 QlM	**Measures initiated by the Institution for the promotion of gender equity during the last five years.**
7.1.3 QlM	**Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)** • **Solid waste management** • **Liquid waste management** • **Biomedical waste management** • **E-waste management** • **Waste recycling system** • **Hazardous chemicals and radioactive waste management**
7.1.8 QlM	**Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words).**
7.1.9 QlM	**Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).**
7.1.11 QlM	**Institution celebrates / organizes national and international commemorative days, events and festivals (within 500 words).**
7.2	Best Practices
7.2.1 QlM	**Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.**
7.3	Institutional Distinctiveness
7.3.1 QlM	**Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words**

Qualitative analysis of Criterion 7
RCET has initiated environmental measures to conserve to harvest the rain water, solid and liquid waste generated in their campus. To further improve the greenery of the campus, they need to plant more trees particularly medicinal plants. The Institute has facilities for otherwise abled persons through ramp for access to wash rooms. No facilities for access to higher floors for differently abled persons in the main building of the campus. However, there are no differently abled persons admitted to any program The institute celebrates and organizes different events like Environment Day, Teachers Day, National Education Day, Independence Day, Engineers Day, Republic day etc.

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Section III:OVERALL ANALYSISbased on Institutional strengths.Weaknesses,Opportunities & Challenges**(SWOC)(up to 500 words)**

Overall Analysis

Institutional Strength

- Good infrastructure facilities, including classrooms, laboratories, library, transportation system and other support facilities like internet.
- Fresh greenery environment for teaching, learning and other curricular and extracurricular activities.
- Institutional membership in technical societies like ISTE, IE(I) and CSI.
- NSS wing of institute is very active.

Institutional Weakness

- Remoteness of the college from cities
- Less availability of faculty members with industry experience with poor faculty cadre ratio
- Limited research infrastructure, very fewer quality publications in reputed Journals
- No. of PhD qualified teachers are less.
- Financial weakness
- Poor admissions

Institutional Opportunity

- Young and committed faculty members
- Develop collaborations with organizations and industries. Industry-Academia interaction required.
- Conduct different add-on courses and training programmes. Opportunities to attract research funding from government agencies.
- To promote research activities among faculty and students.
- Surplus land for further extension activities.

Institutional Challenge

- Retention of faculty members.
- Diversity amongst teachers.
- Difficulty in attracting good students to the college due to the presence of a large number of

engineering colleges in nearby areas.
- Utilization of Alumni resources for improving the employability of the students

Section IV: Recommendations for Quality Enhancement of the Institution

(Please limit to **ten major ones** and use telegraphic language) (It is not necessary to indicate all the ten bullets)

- Establishment of common research facility

- Experience and more qualified teacher need to be recruited

- Devise system and efforts to improve the academic performance of students

- Make sincere effort to improve the branding of the institute

- Enhance the working environment and financial support to faculty for attending the conference

- Needs subsection of IEEE, ASME, and other similar journal

I have gone through the observations of the Peer Team as mentioned in this report
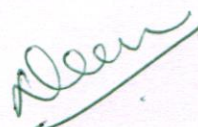
Signature of the Head of the Institution

Seal of the Institution

Sl.No	Name		Signature with date
1	SIVAPULLAIAH PUVVADI	Chairman	P. V. Sivapullaiah
2	TUSHAR DESHMUKH	Member Co - ordinator	14/02/21
3	O P VERMA	Member	14/2/2021
4	Dr. Shyam Singh Inda	NAAC Co - ordinator	

*This is a computer generated report and signature is not mandatory.

Place "AKKIKAVU"

Date 14/02/2021