



SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

SRI BALAJI CHOCKALINGAM ENGINEERING COLLEGE

**ARCOT ROAD, ACS NAGAR, IRUMBEDU VILLAGE, ARNI TALUK,
TIRUVANNAMALAI DISTRICT, TAMIL NADU STATE**

632317

www.sbcecarni.org

SSR SUBMITTED DATE: 29-12-2018

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Thirumathi Kannamal Educational Trust, was founded in the year 1985 with the main objectives to foster Higher Education in TamilNadu. Under this trust, various institutions, under the umbrella known as A.C.S.Group of Institutions, were established as manifestation of pioneering vision and forethought. Sri Balaji Chokalingam Engineering College is one among them.

Sri Balaji Chockalingam Engineering College, an institution of academic excellence, was established in the year 1999, with a cherished desire to serve the cause of humanity through technical higher education. This college has been affiliated to Anna University, Chennai and has been recognized by the Government of TamilNadu. It is a Co-Educational Engineering College offering six B.E., / B.Tech., courses and four P.G. courses. All the courses have been recognized by the All India Council for Technical Education, New Delhi.

Vision

The management and the members of staff strive to provide the students, effective experience towards achieving excellence in the emerging technologies and to ensure that they meet the changes and challenges in their fields of engineering, at the global level.

Mission

We, at Sri Balaji Chockalingam Engineering College, are to provide technical education to all the students, including the rural and the poor, at an affordable cost and enable them to serve the nation in constructive ways.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

Strengths

- Strong Curriculum
- Caliber of students
- Team work of faculty
- Quality of faculty
- Research growth
- Quality graduate program
- Strength of character – steadiness in the midst of difficulties, strong work ethic and commitment to quality, positive morale, commitment to seek opportunities in face of adversity
- Student environment -learning communities, programs, student organizations and clubs
- Close relationship between student and academic affairs professionals
- Willingness to recognize weaknesses and make improvements

- Atmosphere of success for faculty and students
- Produce knowledgeable graduates from rural areas with high earning power
- Workforce has a commitment to quality, dedication, positive morale and work ethic
- Students, faculty, and staff are committed to the College and community
- Location in an area of natural beauty that offers many outdoor recreational opportunities

Institutional Weakness

Weaknesses

- Greater number of behavioral problems in students
- Lagging in Research culture is due to rural setup
- Environmental Management
- Lack of long-term budget planning and a transparent process
- Lack of diversity
- Quality of facilities and landscape and landscape maintenance,
- Lack of energy efficiency.
- Dispersal of information by administration – needs to be strengthened and streamlined
- Services offered by support offices not adequate
- Underutilization and lack of organization in the latest technology
- Lack of tie up with advanced research laboratories
- Locational disadvantage of college

Institutional Opportunity

- Development of leaders in engineering
- Interdisciplinary growth across departments
- Practice-based research and realtime based projects
- Increased research funding
- Joint Research Programs
- Increase and strengthen internal collaborations and external collaborations
- Focus on excellence with an emphasis on areas in which the College should grow
- Improve perception of the foundation of the College and clarify the relationship between the purposes of private giving
- Alternative budgeting/funding models

Institutional Challenge

- Drastic changes in Higher education policies allows the College to redefine its image and mission, and further differentiate itself from other institutions
- To be focussed on national and regional recognition
- Partnership with other institutions
- Growing demand for graduate programs in teaching could lead to Masters/Specialist programs that appeal to teachers at variety of levels and expertise
- To develop willingness among student in higher studies and societies participation

- To develop an atmosphere of success in integration of faculty and students
- To produce knowledgeable graduates from rural areas with high mental ability

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

The College is affiliated to Anna University and the curriculum and syllabi is prescribed by the university are strictly adhered to. The College has strategized ways and means to strengthen the teaching-learning process in the following ways:

- Planning of Academic Calendar well in advance at the college level which includes overall details of the activities of the academic year.
- At the college level, semester plan is prepared which consists of all the activities such as reopening date, assessment schedules, feedback, industrial visits, guest lectures and tentative schedule of university examinations.
- Teaching plan is prepared by faculty covering the topics, reference materials, teaching aids and utilising e-resources.
- Adopting new and innovative teaching techniques, in addition to the traditional lecture method to get the students actively involved in the teaching learning processes and employing learner centric techniques such as web related assignments, peer learning, group discussion, use of NPTEL lectures, case studies, projects, surveys, quiz etc., in the delivery of the academic courses.
- The subject knowledge of the students is evaluated through internal assessment tests, Model examination and extra classes are conducted for slow learners to complete their studies with flying colours.
- Eminent academicians and industrial experts are invited to give guest lectures on certain advanced topics in the curriculum.
- Attendance is monitored on daily basis and brought to the notice parents.

Teaching-learning and Evaluation

Teaching-learning and evaluation is focussed on empowerment of students for the transfer of information, the development of skills and to improve employability skills. Learning activities should fully engage the learner and place responsibility on the learner to develop personal skill as well as knowledge.

Students should acquire knowledge and demonstrate capability. They are practised to acquire skill and take responsibility for personal improvement. Students were taught thoroughly to develop and demonstrate understanding ability, capabilities, attitudes, problem solving skill and behaviours.

The learning environment equipped to inculcate a variety of learner's needs and improve their abilities with societal awareness to meet out global needs. The student were taught with social ethics and environmental ethics to understand the society. The environmental awareness, global warming, computer ethics and technical privacy are also taught for the benefit of students,

Research, Innovations and Extension

The student are given innovative and research projects. They are guided with advanced projects to meet the global need. Research facilities are arranged to understand and carry out research project in real time application. Guest lecture and seminar were conducted for the student to familiarise the latest trends in the industry.

Among the principles that must guide our actions, it is essential to emphasize:

- the balance between all types of research, whether pure or applied
- the importance of collaboration and joint planning on the part of all actors in the world of knowledge

• One of the main aims of research is to enable us to understand ourselves. Globalization has had an impact on the ways in which Quebecers view themselves, interact with others and envision their future. The manner in which we develop our companies and organizations, or conduct business, shapes the perception of Québec identity internationally. The same holds for education and parenting, the relations between men and women, our social practices and many other things.

Infrastructure and Learning Resources

The primary focus of the institute is to generate manpower to cater to the needs of persons with various communication disorders due to speech, language and hearing impairments. Hence, the institute thrives to produce manpower at different levels starting from certificate courses to post graduate programmes, with the intention of meeting the needs starting from the grass root level to reach out to the community to research and development in the field of speech-language pathology and audiology as a super specialty. To fulfill these needs, the institute has:

State-of-the-art infrastructure facilities,

- Well equipped and standard laboratories

Technology mediated classrooms

- Excellent infrastructure for training in core and allied areas of the engineering
- Qualified faculty and technical staff
- Good administrative support
- Extension activities in rural and semi rural areas
- Club facilities for co curricular, extracurricular and recreational activities of staff and students of the institute
- Learning resources such as library and information centre
- E-Resources, internet and Wi Fi facilities, • CCTV for online supervision and monitoring.

Student Support and Progression

Student Support and Progression facilitate the mechanisms like guidance cell, placement cell, grievance redressal cell and welfare measures to support students. Specially designed inputs are provided to the needy students with learning difficulties. Provision is made for bridge and value added courses in relevant areas. Institution has a well structured, organized guidance and counseling system in place. Identify the reasons for poor attainment and plan and implement remedial measures. Sustainable good practices which effectively support the students facilitate optimal progression. The institutional provisions facilitate vertical movement of students from one level of education to the next higher level or towards gainful employment.

Governance, Leadership and Management

This criterion helps gather data on the policies and practices of an institution in the matter of planning human resources, recruitment, training, performance appraisal, financial management and the overall role of leadership in institution building.

The leadership provides clear vision and mission to the institution. The functions of the institution and its academic and administrative units are governed by the principles of participation and transparency.

The institution has mechanisms for academic auditing. The institution adopts quality management strategies in all academic and administrative aspects. The institution has an IQAC and adopts a participatory approach in managing its provisions.

Institutional Values and Best Practices

Best Practice-1

Title:

Enhancement of Employability skill through soft skill training for final year student

Objectives:

The students are trained with effectual communication, skill, ability to work as team and multidisciplinary skillfulness. The students are prepared with strong technical knowledge as well as soft skills that allow them to meet to the needs of industry, government and academics with global perspective.

Context:

Current job market is required a strong technical knowledge and interpersonal and rapport building team work. Knowledge, that helps people to communicate and cooperate with each other effectively for societal improvement as well as empowerment.

Practice:

Placement training was conducted for the final student with effective improvement of communication, verbal and non verbal ability skill. Managerial skill were developed by make them to participate in seminar and group discussion. Team work was also developed. Written and oral communication skill development trainings are

conducted to all our students. To improve the critical thinking, listening skills, and confidence in speaking special Group discussion are arranged after college hours from third year.

Evidence of success:

The placement record for the academic year 2013-14, 2014-15, 2015-16, 2016-17 and 2017-18, are increased effectively. This effective improvement in placement was due to the implementation of soft skill and placement programme. Better feedbacks were obtained from parents as well as our recruiters. Placement training was bringing confidence among the students by balancing the academics with that of employability skill development programme.

Best Practice-2

Title:

Creating and encouraging the social awareness among the student

Objectives:

Social responsibilities were created for the Student.

Context:

To save life in the society by participating in blood donation through NSS cell during the founder day celebration.

Practice:

Every year willing student as well as staff were voluntarily donating blood to government hospital Blood Bank and Christian Medical College.

Evidence of success:

Our student were donate blood to Christian Medical College, hospital patients and government hospital students regularly.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	SRI BALAJI CHOCKALINGAM ENGINEERING COLLEGE
Address	Arcot Road, ACS Nagar, Irumbedu Village, Arni Taluk, Tiruvannamalai District, Tamil Nadu State
City	Arni
State	Tamil Nadu
Pin	632317
Website	www.sbcecarni.org

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Professor	Ramasamy P	04173-224175	9843099201	04173-223175	ramasamy3m@gmail.com
Principal	Thirunavukkarasu V	04173-227393	9894665365	04173-222075	sbcecarni1513@gmail.com

Status of the Institution	
Institution Status	Private and Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details	
Date of establishment of the college	24-08-1999

University to which the college is affiliated/ or which governs the college (if it is a constituent college)

State	University name	Document
Tamil Nadu	Anna University	View Document

Details of UGC recognition

Under Section	Date	View Document
2f of UGC		
12B of UGC		

Details of recognition/approval by stationary/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 in months	Remarks
AICTE	View Document	04-04-2018	12	AICTE Approval copy attached

Details of autonomy

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

Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	Yes
If yes, name of the agency	Anna University
Date of recognition	15-05-2018

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Arcot Road, ACS Nagar, Irumbedu Village, Arni Taluk, Tiruvannamalai District, Tamil Nadu State	Rural	32.17	21844

2.2 ACADEMIC INFORMATION

NAAC

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	BE,Computer Science Engineering	48	HSC	English	60	29
UG	BE,Electrical And Electronics Engineering	48	HSC	English	60	14
UG	BE,Civil Engineering	48	HSC	English	60	10
UG	BE,Electronics And Communication Engineering	48	HSC	English	60	17
UG	BTech,Information Technology	48	HSC	English	60	24
UG	BE,Mechanical Engineering	48	HSC	English	60	27
PG	MBA,Master Of Business Administration	24	UG	English	60	19
PG	MCA,Master Of Computer Application	36	UG	English	60	8
PG	ME,Master Of Applied Electronics	24	UG	English	18	0
PG	ME,Master Of Industrial Engineering	24	UG	English	18	3

Position Details of Faculty & Staff in the College

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	12				24				71			
Recruited	12	0	0	12	20	4	0	24	49	22	0	71
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				26
Recruited	16	10	0	26
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				0
Recruited	0	0	0	0
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				22
Recruited	17	5	0	22
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				0
Recruited	0	0	0	0
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	12	0	0	0	1	0	0	0	0	13
M.Phil.	0	0	0	0	0	0	15	3	0	18
PG	0	0	0	20	3	0	34	19	0	76

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
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										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
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

Details of Visting/Guest Faculties					
Number of Visiting/Guest Faculty engaged with the college?	Male		Female		Total
	0	0	0	0	0

Provide the Following Details of Students Enrolled 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	146	0	0	0	146
	Female	64	0	0	0	64
	Others	0	0	0	0	0
PG	Male	30	0	0	0	30
	Female	29	0	0	0	29
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years

Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	34	65	19	24
	Female	34	40	5	9
	Others	0	0	0	0
ST	Male	1	3	0	0
	Female	0	0	0	0
	Others	0	0	0	0
OBC	Male	83	181	129	207
	Female	55	49	60	88
	Others	0	0	0	0
General	Male	0	4	5	11
	Female	1	2	3	9
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		208	344	221	348

3. Extended Profile

3.1 Program

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

Response: 10

File Description	Document
Institutional Data in Prescribed Format	View Document

Number of programs offered year-wise for last five years

2017-18	2016-17	2015-16	2014-15	2013-14
10	10	10	10	10

3.2 Students

Number of students year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1042	1121	1385	1556	1863

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 the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
606	606	606	606	654

File Description	Document
Institutional data in prescribed format	View Document

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

2017-18	2016-17	2015-16	2014-15	2013-14
221	348	472	515	528

File Description	Document
Institutional Data in Prescribed Format	View Document

3.3 Teachers

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

2017-18	2016-17	2015-16	2014-15	2013-14
153	149	150	148	148

File Description	Document
Institutional Data in Prescribed Format	View Document

Number of sanctioned posts year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
146	148	150	150	144

File Description	Document
Institutional data in prescribed format	View Document

3.4 Institution

Total number of classrooms and seminar halls

Response: 46

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

2017-18	2016-17	2015-16	2014-15	2013-14
217.09	178.49	146.67	184.40	204.92

Number of computers

Response: 536

4. Quality Indicator Framework(QIF)

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:

The College is affiliated to Anna University and the curriculum and syllabi is prescribed by the university are strictly adhered to. Apart from this prescribed curriculum.

- Planning of Academic Calendar well in advance at the college level which includes overall details of the activities of the academic year.
- At the department level, semester plan is prepared which consists of all the activities such as reopening date, assessment schedules, feedback, and number of working days and tentative schedule of university examinations.
- Schedule of department activities is prepared which includes industrial visits, guest lectures and department newsletter.
- Subject allotment based on proficiency matrix, experience and performance of the faculty in previous years.
- Teaching plan is prepared by faculty covering the topics, schedules, reference materials, teaching aids and methodologies
- Adopting new and innovative teaching techniques, in addition to the traditional lecture method to get the students actively involved in the teaching learning processes and employing learner centric techniques such as web related assignments, peer learning, group discussion, use of NPTEL lectures, case studies, projects, surveys, quiz etc., in the delivery of the academic courses
- The subject knowledge of the students is evaluated through internal assessment tests and additional extra classes are conducted for slow learners to have clear understanding of the subject.
- Model examination is conducted to evaluate the outcome of every student.
- Eminent academicians and industrial experts are invited for guest lecturers on certain important topics of the curriculum.
- The outcomes of the examination results are analyzed and strategic plans are implemented to improve the results.
- Attendance is monitored on daily basis and brought to the notice of both parents and stake holders.
- Entrusting the teaching faculty with the task of mentoring 15 students on academic and personal issues, thereby strengthening the bond between teachers and students, leading to a better learning atmosphere and to sustain their performance.
- Organizing suitable guest lectures by industry personnel and industrial visits to improve the effectiveness of implementation of the curriculum designed and specified by Anna University
- Time table framed with provision for physical education program and library hours.
- The Head of the department and the Principal does a periodical review of the portions covered by the staff members and also the student's attendance.
- Monitoring of course delivery and syllabus completion through formal and informal feedbacks.
- Systematic examination process, standard question papers, proper and prompt evaluation and dispatch of reports to parents..

- Guest lectures, seminars, Industrial visits and training programmes to supplement the curricular inputs.
- Refresher courses, workshops for skill up gradation of faculty.
- Encouraging students to do innovative project work.
- Motivating students for doing research work and present papers in seminars and conferences and publish in journals.
- Bridging Industry –Institution gap with suitable value added programmes which are part of the regular time table.
- Adopting “outcome based approach” for the effective delivery of the curriculum.

Question papers for the internal tests are so designed to facilitate the assessment of the attainments of the course outcomes for the various courses.

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

1.1.2 Number of certificate/diploma program introduced during the last five years

Response: 20

1.1.2.1 Number of certificate/diploma programs introduced year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
3	5	5	4	3

File Description	Document
Details of the certificate/Diploma programs	View Document
Any additional information	View Document

1.1.3 Percentage of participation of full time teachers in various bodies of the Universities/ Autonomous Colleges/ Other Colleges, such as BoS and Academic Council during the last five years

Response: 6.68

1.1.3.1 Number of teachers participating in various bodies of the Institution, such as BoS and Academic Council year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
02	02	02	02	02

File Description	Document
Details of participation of teachers in various bodies	View Document
Any additional information	View Document

1.2 Academic Flexibility

1.2.1 Percentage of new Courses introduced out of the total number of courses across all Programs offered during last five years	
Response: 0	
1.2.1.1 How many new courses are introduced within the last five years	
File Description	Document
Details of the new courses introduced	View Document

1.2.2 Percentage of programs in which Choice Based Credit System (CBCS)/Elective course system has been implemented	
Response: 100	
1.2.2.1 Number of programs in which CBCS/ Elective course system implemented.	
Response: 10	
File Description	Document
Name of the programs in which CBCS is implemented	View Document
Any additional information	View Document

1.2.3 Average percentage of students enrolled in subject related Certificate/ Diploma programs/Add-on programs as against the total number of students during the last five years				
Response: 19.21				
1.2.3.1 Number of students enrolled in subject related Certificate or Diploma or Add-on programs year-wise during the last five years				
2017-18	2016-17	2015-16	2014-15	2013-14
203	216	328	324	238

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

1.3 Curriculum Enrichment

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

Response:

Equal opportunities are given to both the genders in terms of admissions, employment, training programmes, sports activities etc., and so gender issues do not arise. College supports women faculty and students to become member in clubs activities and encourages them to participate in events focusing on women empowerment and promoting leadership qualities in women.

Women's day is celebrated with vigor in the institution campus. Each year, two best girl students are selected from each department and they are awarded and rewarded by an eminent personality.

Girls and boys participate in various co-curricular activities such as paper presentations, organization of paper contests, group discussions and technical quiz programmes. Both boys and girls are made members of various clubs associated with academic, co-curricular and extracurricular activities.

Students have a compulsory course on Environmental Science and Engineering.

They are taken for industrial visits and effluent and water treatment plants and places that will educate them on environmental issues. Awareness programmes are also initiated by NSS, YRC, Environment Club which extensively carry out activities for environmental protection and ecological preservation. The curriculum includes courses on professional ethics and IPR and human rights.

Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

To study the nature and the facts about environment.

To appreciate the importance of environment by assessing its impact on the human world; envision the surrounding environment, its functions and its value. To study the dynamic processes and understand the features of the earth's interior and surface.

Professional Ethics and Human Values

To enable the students and to create an awareness on Engineering Ethics and Human Values, to instill

Moral and Social Values and Loyalty and to appreciate the rights of others.

- To understand the concepts of computer ethics in work environment. To understand the threats in computing environment. To understand the intricacies of accessibility issues To ensure safe exits when designing the software projects.
- Helps to examine situations and to internalize the need for applying ethical principles, values to tackle with various situations.
- Develop a responsible attitude towards the use of computer as well as the technology.
- Able to envision the societal impact on the products/ projects they develop in their career
- Understanding the code of ethics and standards of computer professionals.
- Analyze the professional responsibility and empowering access to information

Communication Skill

- To provide opportunities to learners and to practice their communicative skills and s make them become proficient users of English.
- To enable learners to fine-tune their linguistic skills (LSRW) with the help of technology to communicate globally.
- To enhance the performance of learners at placement interviews and group discussions and other recruitment procedures.

Upon Completion of the course, the students will be able to:

- Students will be able to make presentations and participate in group discussions with high level self-confidence.
- Students will be able to perform well in the interviews
- They will have adequate reading and writing skills needed for workplace situations

File Description	Document
Any Additional Information	View Document

1.3.2 Number of value added courses imparting transferable and life skills offered during the last five years

Response: 15

1.3.2.1 Number of value-added courses imparting transferable and life skills offered during the last five years

Response: 15

File Description	Document
Details of the value-added courses imparting transferable and life skills	View Document
Brochure or any other document relating to value added courses.	View Document

1.3.3 Percentage of students undertaking field projects / internships

Response: 14.3

1.3.3.1 Number of students undertaking field projects or internships

Response: 149

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

1.4 Feedback System

1.4.1 Structured feedback received from 1) Students, 2) Teachers, 3) Employers, 4) Alumni and 5) Parents for design and review of syllabus-Semester wise/ year-wise

A. Any 4 of the above

B. Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above

Response: A. Any 4 of the above

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

1.4.2 Feedback processes of the institution may be classified as follows:

A. Feedback collected, analysed and action taken and feedback available on website

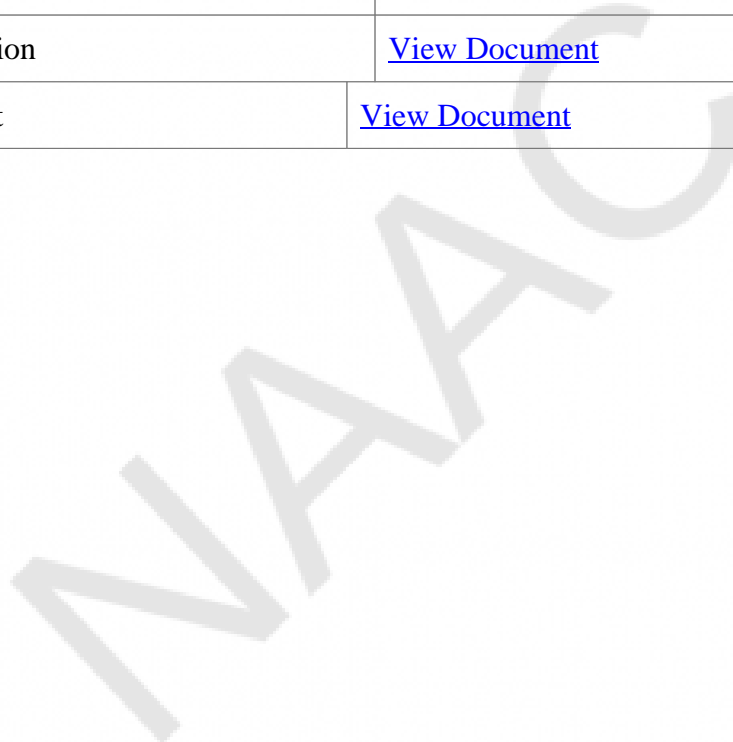
B. Feedback collected, analysed and action has been taken

C. Feedback collected and analysed

D. Feedback collected

Response: A. Feedback collected, analysed and action taken and feedback available on website

File Description	Document
Any additional information	View Document
URL for feedback report	View Document



Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average percentage of students from other States and Countries during the last five years

Response: 0.03

2.1.1.1 Number of students from other states and countries year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	2	0	0

File Description	Document
List of students (other states and countries)	View Document
Institutional data in prescribed format	View Document

2.1.2 Average Enrollment percentage (Average of last five years)

Response: 45.03

2.1.2.1 Number of students admitted year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
269	208	344	221	348

2.1.2.2 Number of sanctioned seats year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
606	606	606	606	654

File Description	Document
Institutional data in prescribed format	View Document

2.1.3 Average percentage of seats filled against seats reserved for various categories as per applicable reservation policy during the last five years

Response: 35.82

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

2017-18	2016-17	2015-16	2014-15	2013-14
231	175	273	169	256

File Description	Document
Institutional data in prescribed format	View Document

2.2 Catering to Student Diversity

2.2.1 The institution assesses the learning levels of the students, after admission and organises special programs for advanced learners and slow learners

Response:

- The were admits first year B.E./B.Tech students through single window based on their +2 marks by TNEA
- The were admits M.E./M.Tech the students for a through single window based on their TANCET marks.
- Tamil Nadu MBA/MCA Admissions, admits first year MBA/MCA students through single window counseling based test on common entrance (TANCET).
- The institution conduct bridge courses for the UG students and evaluation of student was carried by an assesment Test from the result of assesment test slow leaners and fast leaners were classified.
- Revision for the basic subjects such as Physics, Chemistry, Maths and English.
- Slow leaners students those who are dull in observing subjects, advisor gave advice to the dull students and make them arrangement.
- Slow learners goto english club
- Slow learners were under gothrough slow learners club,here there equipped to understand and study curricullam by extra care .
- There by slow learners encourage to complete their course with flying colours.
- Fast learners goto research club , patent club, innovation club and funded project.
- Fast learners encouraged to do mini project ,paper presentation and curriculam related enrichment evevnt in our institution as well as other institution.
- They participate in research club in doing research under go paper presentation in symposium and conferences .
- Fast learners also equipped wiy\th journal paper writing and patent filing .
- The above outcome based activities enriches the fast learners and result in best placement in better company.
- The Students has the results of better understanding in their area specialization.
- This makes the improving of results and pass percentage and then the quality of projects.

- Placements conducting every year by the institution.
- This makes the students career better in the organization and their higher studies. When students are entering to MCA first year or direct Second Year we are encourage to develop the technical skills through special classes for software and hardware development class.
- We are give the proper guidelines for those students went to the end of the each semester and holiday's compulsory finished the internship program with their nearest native places.

File Description	Document
Any additional information	View Document

2.2.2 Student - Full time teacher ratio	
Response: 6.81	
File Description	Document
Any additional information	View Document

2.2.3 Percentage of differently abled students (Divyangjan) on rolls	
Response: 0	
2.2.3.1 Number of differently abled students on rolls	
File Description	Document
Institutional data in prescribed format	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:	
The various student centric methods are used in teaching- learning process that will provide satisfaction among stakeholders expectations.	
The well prepared academic plan is used to achive the student centric methods and that is also included in design of college Vision and Mission.	
The outcome of every program and its subject is follow from Anna University Curriculum and Syllabus.In the start of the session fundamentals are taught and for better understanding of the subject,tutorial classes	

are conducted as per the curriculum prescribed by the university. Doubts and personal difficulties regarding the subject are solved in tutorial classes. Extra classes are conducted for full coverage of the syllabus where the involvement of the students is fully ensured, which results in the interactive teaching learning process. Efforts have taken through curricular, co-curricular and extra-curricular activities. Sports, games and physical education have been initiated in the institution for the students' allround development. Students are counseled and encouraged to go for competitive examinations like GATE.

Students projects, Internship, Infrastructure for ICT enabled teaching and learning.

Participative Learning:

For collaborative learning participation of students in seminars, workshops, quiz competitions are encouraged.

Students Association has been formed.

Interdisciplinary projects are encouraged.

Industrial visits are organized for each semester.

Use of audio-visual aids for better learning and understanding.

Facilitating internship in industries and companies for collaborative learning process.

For independent learning ample computer facility with internet connection and Wi-Fi connectivity for fast and precise access of information for independent and interactive learning.

Facilities to students for preparing charts, posters and models for Technical Exhibition.

Well-equipped digital library with access to e-journal, NPTEL and DTEL learning.

Resources and direct access to the library resources through OPAC for independent learning are encouraged among the student community.

Industrial collaboration by signing MOUs is facilitated to give exposure in practical needs.

A laboratory class makes the student to think independently and understand the practical aspects of theory studied.

Simulation software is used to create interactive learning atmosphere.

Participate in Technical quiz to develop analytical skills.

Problem Solving Methodologies:

The Institution provides sufficient teaching aid (LCD projectors, Video conference room, and

NPTEL access) for effective curriculum delivery.

Faculty makes use of models, graphs, power point presentation through ICT tools to present the content in the syllabus.

Tutorial classes are to be arranged to increase problem solving methodologies.

Experiential Learning

The teachers use the following support structures and systems: For interactive learning - Student seminar, projects, paper presentations, group discussions have been streamlined in the institution.

- As per the affiliated college of the Anna University, the part of ours is the design of the curriculum is bounded.
- Though, the Institution takes Procedures to prepare students must be responsible people of the Country.
- Seminar classes conducted in addition consistent process of learning. The methods of teaching supportively like ppts, videos, online materials and NPTELs.

These Combined and improved daily learning and teaching process that augments the students observing of the subject

File Description	Document
Any additional information	View Document

2.3.2 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc.

Response: 72.55

2.3.2.1 Number of teachers using ICT

Response: 111

File Description	Document
List of teachers (using ICT for teaching)	View Document
Provide link for webpage describing the " LMS/ Academic management system"	View Document

2.3.3 Ratio of students to mentor for academic and stress related issues

Response: 14.89

2.3.3.1 Number of mentors

Response: 70

File Description	Document
Any additional information	View Document

2.3.4 Innovation and creativity in teaching-learning

Response:

- The new step of the college supports the best of the academics
 - The current method is a step to develop then the urge of the organization and the student is to provide the strong implementation technologies, contains methods and partners growth of the communications.
 - Staff members provide technologically by visually and change the topics of subjects. Supports them to express in a reasonable way by improving the various visual technologies methods.
 - Then the daily teaching of through manual methods of using the board, chalk the methods of newly lecturing practices are trained in different departments.
 - There are various technical devices like Overhead projectors, LCD projector screens make the support to the staff members by express communicative teaching, animations of explanation, PPT presentation and notes of lessons.

The experiments during lab practices allowed using simulation tools. The Pictures, Charts, models used by the staff members to teach the basic concepts and new future trending technologies in the practical and theory periods.

File Description	Document
Any additional information	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: 101.38

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	View Document

2.4.2 Average percentage of full time teachers with Ph.D. during the last five years**Response:** 7.22

2.4.2.1 Number of full time teachers with Ph.D. year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
13	09	09	11	12

File Description**Document**

List of number of full time teachers with PhD and number of full time teachers for 5 years

[View Document](#)**2.4.3 Teaching experience per full time teacher in number of years****Response:** 2.79

2.4.3.1 Total experience of full-time teachers

Response: 426.2

2.4.4 Percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the last five years**Response:** 58.16

2.4.4.1 Number of full time teachers receiving awards from state /national /international level from Government recognised bodies year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
26	21	17	13	10

File Description**Document**

Institutional data in prescribed format

[View Document](#)**2.4.5 Average percentage of full time teachers from other States against sanctioned posts during the last five years****Response:** 4.33

2.4.5.1 Number of full time teachers from other states year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
03	05	07	09	08

File Description	Document
List of full time teachers from other state and state from which qualifying degree was obtained	View Document

2.5 Evaluation Process and Reforms

2.5.1 Reforms in Continuous Internal Evaluation(CIE) system at the institutional level

Response:

The effective execution for the evaluation improvements taken by the institution. The institution has the exam coordinators for conducting the examination in an effective manner in department wise. The internal examination committee is regularly monitoring all the examination related process at Institute level. The separate exam cell is actively conducting University level theory and practical examination. The continuous internal assessment results are conveyed to parents periodically by conducting parents meeting at department levels.

- The set of question paper is as per university norms based on syllabus.
- The department will evaluate the student in performance in all subjects based on Continuous internal assesment mark. Frequent assessment practice is followed for all practical subjects in each semester.
- After the evaluation of result the parents will discuss their hard process with concerned faculty and HOD's of concern department
- Based on the performance, the slow learners and advanced learners are identified. Extra care are given to slow learners and special coaching calss were arranged if needed. The remedial coaching classes are periodically arranged for slow learners.
- Theory questions and problematic questions are also included.
- Each and every time the students are in doubt, they are stimulated to clear up them by discussing with the faculty members.

File Description	Document
Any additional information	View Document

2.5.2 Mechanism of internal assessment is transparent and robust in terms of frequency and variety**Response:**

- The internal marks are based on the cycle test1,cycle test2, model examination and attendance . Every month the details would be uploaded in Anna University Web portal for continuous assessment .
- The transparency of internal assessment system is ensured Anna University web Portal using student login.
- Because they can know the uploaded marks and attendance.
- Internal Marks and attendance are inform to parents at the time of parent meetings in every semester.
- The answer scripts of examinations are shown to the students after evaluation to bring out the differences, if any, to the notice of concern faculty, and the essential corrections are carried out.
- The students are made attentive of the assessment measures including revaluation and challenge as per Anna University norms.
- End semester answer script valuation is done by university.

File Description	Document
Any additional information	View Document

2.5.3 Mechanism to deal with examination related grievances is transparent, time-bound and efficient**Response:**

- Beginning of every semester, students are instructed and educated to know about the University examination process.
- Internal assessment procedure and process is instructed and educated through the curriculum and syllabus of Anna University.
- The internal assessment is transparent through Anna University Web portal.
- Every subject is evaluated by 100 marks both practical and Theory subjects. In which 80% of marks assigned through university evaluation system and the remaining 20% of marks by internal assessment form.
- The marks in the internal tests are uploaded in Anna University web portal.
- Attendance is entered periodically in the Anna University web portal.
- During Parent-teachers meeting, parents are made aware student marks from the student academic

biodata book at every department for every semester.

- The class teachers carefully monitor the regularity of attendance and the presentation of the students in internal assessment tests and end semester examinations.
- Any changes in the exam patterns will be informed to student by circular as per university norms and also available in university website.
- Students, those are willing to challenge the answer script evaluated can be done through revaluation procedure.
- The revaluation can be applied through college.
- The answer script xerox copy will be collected from Annauniversity and that will be handover to the students.The subjec expert will give a recommendation about the content of answer script.
- Those may have a opportunity to apply revaluation will be recommend by the head of the Department and the Principal.

File Description	Document
Any additional information	View Document

2.5.4 The institution adheres to the academic calendar for the conduct of CIE

Response:

- An academic calendar is prepared by the institute as explained below: Academic year starts as per the Anna University schedules.
- The Anna University publishes the academic calendar in advance. Containing plans for curricular and co-curricular activities based on the available working days as per anna university norms.
- The agreement for the same is given by Department Head and the Principal after effecting changes unless if required.
- This calendar of the academics to all staff in the semester origination.
- These plans impelementation is depends by the calendar of the academics.
- The calendar of the Academics for the organization contains activities of the curriculam and co-curricular activities like ndustrial based event, cycle tests and submission of marks,the list of leave days of the Government calendar, additional curricular actions, etc.
- Students are know about the schedule, academic calendar and co-curricular activities well in

advance.

- The comprehensive lesson plan for the syllabus of the Anna University is equipped by teaching staff at the beginning of the every semesters.
- The lecture content preparation encompasses of comfortable, the knowledge assist and attitude.

File Description	Document
Any additional information	View Document

2.6 Student Performance and Learning Outcomes

2.6.1 Program outcomes, program specific outcomes and course outcomes for all programs offered by the Institution are stated and displayed on website and communicated to teachers and students

Response:

SAMPLES OF CIVIL ENGINEERING OR ANY OTHER:- CHOICE BASED CREDIT SYSTEM PROGRAMME EDUCATIONAL OBJECTIVES (PEOs) :-

1. Prepare students to excel in profession by providing solid technical skill in the field of engineering profession .
2. To provide students various engineering skills like the analysis, design and development of innovative products to meet the industry needs.
3. To motivate students for pursuing lifelong learning and to do research as professionals and scientists.
4. To motivate students to communicate and function effectively in teams in multidisciplinary fields within the global, societal and environmental needs.

PROGRAM OUTCOMES (POS):

On successful completion of the program:

1. **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2. **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
4. **Conduct investigations of complex problems:** Use research-based knowledge and research

methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

1. **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

1. **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

1. **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

2. **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

1. **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

1. **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

1. **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

2. **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

PROGRAM SPECIFIC OBJECTIVES (PSOs):

1. Enable the students to select the suitable data model, appropriate architecture and platform to

implement a system with good performance.

2. Enable the students to design and integrate various system based components to provide user interactive solutions for various challenges.

File Description	Document
Link for Additional Information	View Document

2.6.2 Attainment of program outcomes, program specific outcomes and course outcomes are evaluated by the institution

Response:

- Understudies' advancement and learning results are checked through continual assessments, instructional exercises and research facility works out, and live ventures/assignments.
- The college conducts three tests in all courses and audits the execution of understudies in the staff meeting at departmental dimension and in the gathering of university of trustees under the chairmanship of the President.
- Toward the finish of every semester, understudy criticism is taken; course wise execution of understudies is talked about, examined and recorded as far as evaluations.
- Based on dialog, analysis of understudy and staff, course substance are moved forward. Weak understudies are empowered for uncommon gatherings and collaboration with the personnel to distinguish their issues and intends to work out them.
- Achievement of POs shows that the activity is well done.
- Educational programs, Appraisal and Assessment are the significant instruments by which Program Results are accomplished. We should take a gander at all of these together.

- These means are very important. They affect on what pursues. Our examination may demonstrate that not all POs are Achievable with the Given Educational programs.
- May require some extra modules Plan of In-Sem assessment and appraisal to deal with the holes. A record of this work is required.

1.List of Every one of extra modules included alongside the points of interest of substance, and where these are being advertised.

2.Evaluation {In-Sem. Papers, Instructional exercises, run of the mill answer contents, etc }

Program Instructive Goals (PEO)

PEO1: Advance as all inclusive able PC experts, analysts and business people having cooperative and initiative abilities, for creating inventive arrangements in multidisciplinary spaces.

PEO2: Exceed expectations as socially dedicated PC engineers having common regard, viable relational abilities, high moral qualities and compassion for the requirements of society.

PEO3: Include in long lasting figuring out how to cultivate the economical advancement in the developing regions of innovation.

Program Particular Results (PSO)

Understudy of the Software engineering and Designing project will:

PSO1: Proficient Aptitudes: Accomplish the capacity to structure and create equipment and programming based frameworks, assess and perceive potential dangers and give innovative arrangements.

PSO2: Effective Vocation and Business enterprise: Gain learning in different territories of Software

engineering and experience a situation favorable in developing abilities for fruitful profession, business and higher investigations.

File Description	Document
Any additional information	View Document

2.6.3 Average pass percentage of Students

Response: 42.11

2.6.3.1 Total number of final year students who passed the examination conducted by Institution.

Response: 96

2.6.3.2 Total number of final year students who appeared for the examination conducted by the institution

Response: 228

File Description	Document
Institutional data in prescribed format	View Document

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response:

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1 Grants for research projects sponsored by government/non government sources such as industry ,corporate houses, international bodies, endowment, chairs in the institution during the last five years (INR in Lakhs)

Response: 520000

3.1.1.1 Total Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year-wise during the last five years(INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
120000	155000	105000	60000	80000

File Description	Document
List of project and grant details	View Document
e-copies of the grant award letters for research projects sponsored by non-government	View Document
Any additional information	View Document

3.1.2 Percentage of teachers recognised as research guides at present

Response: 1.31

3.1.2.1 Number of teachers recognised as research guides

Response: 2

File Description	Document
Any additional information	View Document

3.1.3 Number of research projects per teacher funded, by government and non-government agencies, during the last five year

Response: 0.17

3.1.3.1 Number of research projects funded by government and non-government agencies during the last five years

Response: 20

3.1.3.2 Number of full time teachers worked in the institution during the last 5 years

Response: 601

File Description	Document
Funding agency website URL	View Document

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations including incubation centre and other initiatives for creation and transfer of knowledge

Response:

Ecosystem means an eco friendly to nature, are linked together through energy laws. In our institution ecosystem plays an vital role to enhance free from pollution and to give the environmental free structure. Institution was planted with full of trees and plants which made to be greenish and it also surrounded with free natural landscape. Trees and plants are utterly filled everywhere with pleasant green atmosphere. Allocation had been given for bike parking and students as well as faculty. For the healthy concern on students, in our campus RO water has been providing in every floor. The waste water utilised directly to plants with the help of pipes. On behalf of developing ecosystem, the institution as taken many steps in progress. Especially creating many awareness programs in our college to make aware on ecosystem to students. Even NSS committee also involve in the progress of developing ecology.

Every year in our institution, they assert a social activities like blood donation, tree saplings and also tree planting over and around the college. NSS committee asserts many camps, in nearby rural villages to make awareness upon ecosystem and also the important of environmental education. They are actively participate in the task to ensure the ecofriendly environment in and around the campus. However, the institution also invent new dimension to gloom the college by introducing clubs which merely helpful in the maintance. Ecogreen club has been very usefully impelementing the plan to ecosystem.

File Description	Document
Any additional information	View Document

3.2.2 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the last five years

Response: 7

3.2.2.1 Total number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
2	2	1	1	1

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

3.3 Research Publications and Awards

3.3.1 The institution has a stated Code of Ethics to check malpractices and plagiarism in Research	
Response: Yes	
File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document

3.3.2 The institution provides incentives to teachers who receive state, national and international recognition/awards	
Response: Yes	
File Description	Document
e- copies of the letters of awards	View Document
Any additional information	View Document

3.3.3 Number of Ph.D.s awarded per teacher during the last five years	
Response: 0.5	
3.3.3.1 How many Ph.Ds awarded within last five years	
Response: 1	
3.3.3.2 Number of teachers recognized as guides during the last five years	
Response: 2	

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

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

Response: 0.49

3.3.4.1 Number of research papers in the Journals notified on UGC website during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
18	24	17	10	05

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

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

Response: 0.17

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

2017-18	2016-17	2015-16	2014-15	2013-14
4	4	4	3	10

File Description	Document
List books and chapters in edited volumes / books published	View Document
Any additional information	View Document

3.4 Extension Activities

3.4.1 Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years

Response:

Extension Activities in the Neighbourhood Community in terms of Impact and Sensitivity Students to Social issues and Holistic Development during the last five years:

To impact and sensitize to the social issues and holistic development and to move social responsibility from theoretical foundation to practical “**Sri Balaji Social Service Commitee**” (SBSSC) , which consists of physical coordinators, 2 faculty members and 3 student coordinators. This committee acts as a unique and strong mentoring process through which many social activities are observed.

- It organizes a seminar on Anti-ragging every year.
- It organizes National Service Scheme
- It organizes a blood donation camp every year
- Developing leadership qualities among the students and unemployed youth through health awareness camp
- It organizes awareness programmes on “Road safety by distributing pamphlets of wearing helmets, seat belts, drink and drive , minor driving following safety rules etc..
- This organizes career guidance programmes in our college, Project expo , to create awareness among school going students for choosing their career oriented after finishing the school education.

The above activities make the students aware of social responsibility: social environments etc., which in turn transforms then into responsible citizens with moral values.

File Description	Document
Any additional information	View Document

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

Response: 9

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

2017-18	2016-17	2015-16	2014-15	2013-14
3	2	2	1	1

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

3.4.3 Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the last five years

Response: 22

3.4.3.1 Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
4	6	4	4	4

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

3.4.4 Average percentage of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the last five years

Response: 31.77

3.4.4.1 Total number of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
424	358	529	512	282

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

3.5 Collaboration

3.5.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc during the last five years

Response: 20

3.5.1.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
8	3	3	3	3

File Description	Document
Number of Collaborative activities for research, faculty etc	View Document
Copies of collaboration	View Document
Any additional information	View Document

3.5.2 Number of functional MoUs with institutions of National/ International importance, Other Institutions, Industries, Corporate houses etc., during the last five years (only functional MoUs with ongoing activities to be considered)

Response: 20

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 (only functional MoUs with ongoing activities to be considered)

2017-18	2016-17	2015-16	2014-15	2013-14
8	3	3	3	3

File Description	Document
e-copies of the MoUs with institution/ industry/ corporate house	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 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The institution has adequate facilities for teaching- learning. viz., classrooms, laboratories, computing equipment, etc.

Response:

About College

Sri BalajiChockalingam Engineering College, an institution of academic excellence, was established in the year 1999 with a charished desire to serve the cause of humanity through education with three UG programs (CSE, ECE & B.TECH IT). Tmt.Kannaammal Educational Trust by our Founder Chairman A.C.Shanmugam with a noble aim of promoting social and technical higher education. At present, the institute is offering 6 UG and 4 PG programmes.

Classrooms and Seminar Halls

The institute meets the physical infrastructure as per norms of AICTE / Anna University requirements. Overall, the college has 36 classrooms spacious laboratories to cater to the six UG and three PG programs. Modern laboratories are established in the institution for the conduct of regular practical classes. The Institute has improved the teaching-learning process with contemporary aids with LAN/Wi-Fi facility, LCD projectors etc, The smart class rooms and two seminar halls are used to conduct seminars, workshops, symposiums and etc.

Computing & Wi-Fi Facilities

The institution has internet facility with 100 Mbps speed from two service providers. The institution is equipped with modern computing facilities with 518 computers and 2 servers with specialized software, with LAN/Wi-Fi connection. Students have access to these systems both to meet the academic requirements and also to pursue their research interest / projects.

Training & Placement Cell

Training and Placement Cell, functions throughout the year towards generating placement opportunities through appropriate training for all the students to achieve 100% placement in the on/off campus selection. The placement cell coordinates quite well with the corporate sector and provides need based training to the students to facilitate the placement.

Library

The college has an automated library with 24614 volumes of books for different disciplines to provide an effective learning resource to the students and staff. It also has numerous International and National journals to cater to the research needs total of soft copy 1700 and hard copy 50 above . The library bar coding system available also has a separate section viz IIT backup for NPTEL to provide guidance to staff and students who aspire to pursue higher studies. Library also has an Audio-visual and recording facilities.

Generator

one standby power generators with 80 and 125 KVA are available in the campus to take care of the occasional power interruptions and shut down.

Transport

The college is situated at A.C.S. Nagar, Irumbedu, Arni, Thiruvannamalai District. It is on the Chennai – Arni Highway about 3 km in the outskirts of Arni, the Silk city and just 125 km away from Chennai. It is situated in a calm and serene atmosphere surrounded by verdant lawns and green pastures with a lake on one side a place ideally for learning intense study and growth. The college 9 buses are operated to the needs of both students and staff, which covers most of the areas in around to reach the college in time.

Bank and ATM

Indian Bank ATM Service is sited within the campus to ensure easy access to cash transaction facility for the students and Staff.

File Description	Document
Any additional information	View Document

4.1.2 The institution has adequate facilities for sports, games (indoor, outdoor),gymnasium, yoga centre etc., and cultural activities**Response:**

Sri BalajiChockalingam Engineering College focuses on the overall development of the students and encourages them to participate in different sports and cultural activities.Sports facilities have been established for various games inclusive of Cricket, Handball, Basketball,Volleyball etc., to ensure the focus of the institute in providing extra-curricular activities to the students.

The College encourages the students to take part in sports such as outdoor and indoor games. The Collegemaintains a fully fledged sports activity centre which provides necessary facilities for conducting Sportsand Games.A spacious playground is available in our campus in which daily practice is given for the outdoor games such as Ball Badminton, Throw Ball, Cricket, Kabaddi, Hand Ball, Foot ball, Volley Ball, Athletic events etc.

We are training to the students in indoor games such as Chess, Carom, Weight lifting etc. Our college has separate modern Multi Gyms for students and staff usage. Students have participated in Zonal level Athletics events.

Our students have participated in various competitions organized by Anna University throughZonal, Inter Zonal and National level participation and have brought many laurels to the college.

Sports Events Conducted (Regular)

- Anna University Zonal and Interzonal Sports
- College Annual day sports
- Chairman birthday

NSS

NSS unit of our Institute is functioning with 200 (100 Boys and 100 Girls) volunteers. Special camps such as Voter's ID Awareness Camp, Blood Donation Camp, and Medical Camps are organized periodically for the benefit of society with poor background. Apart from these camps, Awareness Programs on Environment, Tree Plantation, Healthcare and Traffic Rules are also organized.

- Blood Donation camps organized in Indoor auditorium
- Helping Orphanages -transport facilities
- Planting trees - saplings are provided
- First aid training - basic kits are supplied

RO drinking water unit has been established in the campus to ensure safety water to all.

Cultural Activities:

It provides personal growth by learning skills, to meet new people and to pass on the cultural traditions. The students actively participated in cultural activities during the annual day function organized by the Institute every year.

Students facilities:

- Bank
- Gardens
- Canteen
- Parking

Space for Organizing Events:

- Ground
- Big Auditorium
- Seminal halls
- Power Back Up

Infrastructure facilities meet the requirements of the differently-abled students

- i) By providing Lift and Ramps in all academic blocks
- ii) By providing class rooms and other facilities in the ground floor to the extent possible.
- iii) By providing concrete roads inside the campus

iv) We show extra concern by providing additional counseling.

Security

i) Trained Security Personnel, 10 number are deployed and the college main gates all the instruction blocks, hotels and other strategic locations. Under the supervision of a security officer, they keep constant vigil all the movements inside the campus, take care of the security of all the equipment in the buildings.

- Housekeeping team has 2 supervisors managing 12 persons.
- Garden maintenance is taken care of by a team of 5 gardeners

ii) CCTV Cameras are installed in various vantage points inside college campus.

iii) Well laid passages for movement within the campus are provided.

File Description	Document
Any additional information	View Document

4.1.3 Percentage of classrooms and seminar halls with ICT - enabled facilities such as smart class, LMS, etc

Response: 26.09

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 12

File Description	Document
Number of classrooms and seminar halls with ICT enabled facilities	View Document
any additional information	View Document

4.1.4 Average percentage of budget allocation, excluding salary for infrastructure augmentation during the last five years.

Response: 50.76

4.1.4.1 Budget allocation for infrastructure augmentation, excluding salary year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
101.00	81.00	61.00	86.00	151.00

File Description	Document
Details of budget allocation, excluding salary during the last five years	View Document
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:

Response: Yes automated

The Library uses AppServ Software, Version 2.5.10 as part of ILMS. This is one of the latest webcentric Library Management Software. It is very helpful to manage the Circulation of books, Members details entry and Catalogue and Accessioning etc. It is available in both off-line and on-line version. All useful features are used every day. All reports required for NAAC get through this software. Transactions are automated by using bar code reader. This automated software helps the students utilize the Library in an effective manner. It is based on most popular Proven Technology of PHP and MySQL that enables library to serve its users more efficiently using:

- Browser-based access;
- Facility of fetching of bibliographical data from 'Google'
- Improved user-friendly ;
- Easing out Import/export of data;
- Quick report generation in different formats etc.
-

SI.NO	Library Software Details		
1	Name of the ILMS software	AppServ(PHP & MySql)	
2	Nature of automation (fully or partially)	Fully	
3	Version	2.5.10	
4	Year of Automation	2018	

Library software has Two main modules and 13 sub modules:

1. File information:
 - Home
 - Members
 - Books
 - Admin
 - Member Attendance
2. Transaction Information:
 - Borrow
 - Return
 - Borrowed books
 - Returned books
 - Reports
 - Books barcode
 - Member barcode
 - Database backup

Salient Features:

- Easy to use
- Data entry in available in English
- Acquisition: All Books & Periodical Accessioning
- The membership register is maintained
- availability of books by subject wise / author wise
- account information like books taken and due date to return
- fine amount to be paid for books not returned
- Circulation: The issue-return of books.
- It gives author, publisher, department, subject and title wise book reports.
- Different sections for Books, References, Periodicals, Journals, Newspapers, e-media etc.
- Useful Reports: Accession Register, Purchase Register, Circulation Reports, Member List, Library Usage Library Dues, Stock Verification etc.
- Bar Code Function: Barcode label for each book and member card save the time and typing work
- Database security, backup and recovery

File Description	Document
Any additional information	View Document

4.2.2 Collection of rare books, manuscripts, special reports or any other knowledge resources for library enrichment**Response:****COLLECTION OF RARE BOOKS**

ACC. NO	TITLE	NAME	PUBLISHERS
1	CHAMBERS 21st CENTURE DICTIONARY ED-1997	WERN & MARTIN	ALLIED CHENNAI-A2
4	NEW COUNTRY COMPREHENSIVE DICTIONARY	SRINIVASAN S.M. A. CIAL	ALLIED PUBL
87	ENGLISH TOUSE	BOWNIEL.WALKER	
124	BALAJI'S BOOK OF LETTER WRITTING	B.SUBRAMANIAIYER	BALAJI ED:1998
212	QUATATIONS	A.S.NAGARAJAN	BALAJI CH-14 ED:1998
221	CONCISE PSYCHOLOGICI DICTIONARY	A.V.PETRUVSKY	PROGRASS MASCOW ED:
3376	DICTIONARY OF COMMUNICATION DISORDERS	MORRIS	AITBS PUB DISTRIBUTER ED-1994
3854	QUAN BOOK DOEALL SOCIETY		WHEELER ALLAHABAD,
3918	COMPUTER DICTIONARY	IAN SIMMONS	BPB PUBLICATION
3936	DICTIONARY OF THE COMPUTNG III	OXFORD UNIVERSITY	OXFORD UNIV DELHI, ED-199
3938	DICTIONARY OF THE COMPUTNG III	OXFORD UNIVERSITY	OXFORD UNIV DELHI, ED-199
4401	MC MILLEAN DICTIONARY OF DATA COMMUNICATION	CHARLES SIPPL	BILLING WORCFSTER I
4487	COMPUTER DICTIONARY	IAN SIMMONS	TECHMEDIA NEWDELHI, E
4627	THE CONCISE OXFORD DICTIONARY	JUDY PEARSALL	OXFORD UNIV ED-2000
5038	DICTIONARY OF SCIENCE	P. HARJMANN PETERSEN	UNIVERSAL ED-1991
5221	MEGA WEB DICTIONARY	DEAN . JROSITANE ROBERT A.	PREST DENT & 1996

6153	YOUR HEALTH IN YOUR HASNDS	RICHARD WILLS	STANBOROU ED-1995
6154	BEST OF HEALTH	K.H.SANCHETI	ORIENTAL PUB.LTD PUN
6155	A GUIDE TO FAMILY HEALTH	K.H.SANCHETI	THE STANBO LTD. ED-1995
6347	COMPUTER DICTIONARY	DAVID L. SCHENEIDER	PRENTICE -HA NEWDELHI, E
6971	INTIMATE ENGLISH MASTER		COMPUTECH ED-2003
6973	INVENTATION & DISCOVERIES		COMPUTECH ED-2002
6974	QUIZ BHIMA		COMPUTECH ED-2003
7294	G.K WITH DEREK THE ULTIMATED GENERAL KNOWLEDGE & QUIZ	DEREK O BRIEN	PENGOIN NEWDELHI, E
7295	G.K WITH DEREK (HISTORY & GEOGRAPHY	DEREK O BRIEN	PENGOIN NEWDELHI, E
7296	G.K. WITH DEREK (SCIENCE & WILDLIFE)	DEREK O BRIEN	PENGOIN NEWDELHI, E
7297	G.K WITH DEREK INDIA	DEREK O BRIEN	PENGOIN NEWDELHI, E
7298	G.K. WITH DEREK (LITERATURE & MYTHOLOGY)	DEREK O BRIEN	PENGOIN NEWDELHI, E
7299	G.K WITH DEREK (SPORTS & CINEMA	DEREK O BRIEN	PENGOIN NEWDELHI, E
7300	G.K. WITH DEREK (HISTORY & GEOGRAPHY)	DEREK O BRIEN	PENGOIN NEWDELHI, E
7301	G.K. WITH DEREK (BUSINESS)	DEREK O BRIEN	PENGOIN NEWDELHI, E
7302	G.K WITH DEREK (SCIENCE & WILDLIFE)	DEREK O BRIEN	PENGOIN NEWDELHI, E
7303	G.K. WITH DEREK (INDIA)	DEREK O BRIEN	PENGOIN NEWDELHI, E
7304	G.K. WITH DEREK (LITERATURE & MYTHOLOGY)	DEREK O BRIEN	PENGOIN NEWDELHI, E

7305	G.K WITH DEREK (SPORTS AND DEREK O BRIEN CINEMA)		PENGOIN NEWDELHI, E
7600	DISASTER MITIGATION EXPERIFNCES & REPLECTION	SPARDEEP SAHNI	PEARSON ED-2001
7909	GATE CSE	A.JAISWAL	DREAM TECH
8059	TECHNICAL DICTIONAY	M. CHATTERJEE	TARA ED-2000
8172	COMPACT DICTIONARY	VICTORIA	IDG BOOK INI
8175	ESSENTIAL ACTVATOR	NICKHAM	BRITISH NATI
8176	YOU CAN FAIL	SINIVASAN , B. RR.KANDULA	TATA ED-2004 MC

File Description	Document
Any additional information	View Document

4.2.3 Does the institution have the following:

- 1.e-journals
- 2.e-ShodhSindhu
- 3.Shodhganga Membership
- 4.e-books
- 5.Databases

A. Any 4 of the above

B. Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above

Response: A. Any 4 of the above

File Description	Document
Details of subscriptions like e-journals,e-ShodhSindhu,Shodhganga Membership etc	View Document
Any additional information	View Document

4.2.4 Average annual expenditure for purchase of books and journals during the last five years (INR in Lakhs)

Response: 3.88

4.2.4.1 Annual expenditure for purchase of books and journals year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
3.9857	4.575	3.405	3.505	3.915

File Description	Document
Details of annual expenditure for purchase of books and journals during the last five years	View Document
Audited statements of accounts	View Document
Any additional information	View Document

4.2.5 Availability of remote access to e-resources of the library

Response: Yes

File Description	Document
Any additional information	View Document

4.2.6 Percentage per day usage of library by teachers and students

Response: 11.55

4.2.6.1 Average number of teachers and students using library per day over last one year

Response: 138

File Description	Document
Any additional information	View Document

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Response:

The Sri BalajiChockalingam Engineering College had focused consistently deployed best-in-class IT infrastructure and Applications development for Academic and Research support.

Number of computers with Configuration (provide actual number with exact configuration of each available system) : 536 Systems

- LAN facility - Yes
- WiFi facility - Yes
- Licensed software

- Oracle 9i Database Software.
- IBM's Rational Suite Enterprise v6.0.
- MS Windows 2003 Server.
- Visual Studio 200 Rational Rose, Oracle, MS SQL Server.
- Microsoft Visual Studio . Net (AE) ONLP NL.
- Borland C& C++.
- RHEL Desktop with Workstation Option.
- MSDN Academic Alliance Fresh Pack.
- Macromedia Flash MX.
- Fedora 10 Linux.
- Ubuntu .
- Apache Tomcat Server, Java , Python.
- Globarena Software for English, Career Lab.
- English in Mind – Level 1,2,3.
- Grammar in Use.
- Vocabulary in use - Advanced, Upper Inter, Pre-Inter, Inter.
- Movie in English.
- Learn to Speak Deluxe Æ River deep Interactive learning Limited.
- Pronunciation Power 1 Æ English computerized Learning Inc.- user 35.
- Pronunciation Power 2 Æ English computerized Learning Inc.- user 35.
- Face to Face Æ Cambridge university Press – 60 users.
- English Mastery Æ American Language Academy – Single User.
- Professional Presentation & Public Speaking .
- BVG Multimedia Training.
- Professional Presentation – Cambridge ELT.
- Telephoning in English-Cambridge University Press.
- Conversation – Elegant English Series.

File Description	Document
Any additional information	View Document

4.3.2 Student - Computer ratio

Response: 1.94

File Description	Document
Any additional information	View Document

4.3.3 Available bandwidth of internet connection in the Institution (Lease line)

>=50 MBPS

35-50 MBPS

20-35 MBPS

5-20 MBPS

Response: 5-20 MBPS

File Description	Document
Any additional information	View Document

4.3.4 Facilities for e-content development such as Media Centre, Recording facility, Lecture Capturing System (LCS)

Response: Yes

File Description	Document
Facilities for e-content development such as Media Centre, Recording facility,LCS	View Document
Any additional information	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1 Average Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years

Response: 64.87

4.4.1.1 Expenditure incurred on maintenance of physical facilities and academic support facilities

excluding salary component year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
128.84	112.0	96.73	109.64	157.45

File Description	Document
Details about assigned budget and expenditure on physical facilities and academic facilities	View Document
Audited statements of accounts.	View Document

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:

The College has appointed several personnel for maintaining the infrastructure by way of building maintenance, transport, furniture, computers and generator operator in case if the power shuts down. Separate Complaint registers were maintained for various services like electrical, plumbing, housekeeping etc.

LABORATORY:

Sri BalajiChockalingam Engineering College are provided the annual budget to maintain the existing and proposed facilities of laboratories. Each academic year, the working condition of the equipment is checked by technical staffs and the report the deficiencies of the lab to the principal.

LIBRARY:

The library committee is regularly monitor and maintain all particulars such as books (includes text books, reference books, competitive books), journals, e-journals etc. Also, regularly the committee updates the knowledge sharing resources like NPTEL.

1.Policies of the library:

- The library cards are issued to each and every students and faculties which are varies based on the position such as UG, PG, Assistant Professor, Associate Professor and Professor. Anyway minimum two cards are issued to all.
- One book is issued for one card and the borrowing period is considered up to 15days.

Electrical Maintenance of Generator, UPS, and Batteries

- Monitor electrical equipment such as Generator, UPS, Batteries, EPABX monthly and enter the Condition/Status of equipment in Log book
- Call the contractor (belonging to equipment) in case of major fault. The contractor analyses the fault and submit its report.

COMPUTERS MAINTENANCE:

- To avoid any damage during power outages, the UPS facility is provided to computer systems and other sensitive equipment such as servers, printers, scanners, Xerox machines, bio-metric machines).
- The computers & its peripherals, internet connectivity, CCTV security is monitored and maintains regularly by system administration team or technical supporting staff.

Maintenance of sensitive equipment, Power and Water supply:

Category	Capacity	Total Number	
Generator for constant Power Supply	125KVA	1	
RO plant for constant Water supply	3000 L	1	
UPS for Computers Back Up	7.5KVA (ECE Dept.)	1	
Lift	5 Person	1	

Maintenance of Electrical and Electronic Equipments: - (Dept. Wise)

- Regular checkup of equipment is carried out at the end of every semester.
- As per the requirement minor repairs are carried out by the lab assistant of faculty member.

Sports facility

- The sports facilities (such as indoor and outdoor games equipment) are regularly monitored and maintains by Physical Director
- The infrastructure of the sports playground is maintained properly like basketball, volleyball, cricket, badminton, etc.

Classroom:

- The classrooms are allocated based on the students intake of the every academic year that can be approved by the Principal through HoD.
- The supervisor is regularly maintains the usage condition of the boards, benches, windows, doors. Fans and lights.
- The classrooms are cleaned at each and every day by sweepers.

Civil work maintenance

- The civil renovation work and maintenance work of entire college is supervised by civil department.

Other Maintenance Activities

- Maintenance of garden, tree plantation, landscapes maintenance, external and physical beautification of the college campus has been outsourced.
- The separate staffs are appointed for maintenance, cleaning (includes class rooms, laboratories, hostel, etc.), sanitary maintenance.

File Description	Document
Any additional information	View Document

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 the last five years

Response: 64.41

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

2017-18	2016-17	2015-16	2014-15	2013-14
722	703	912	876	1265

File Description

Document

Upload self attested letter with the list of students sanctioned scholarships

[View Document](#)

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

[View Document](#)

5.1.2 Average percentage of students benefited by scholarships, freeships, etc. provided by the institution besides government schemes during the last five years

Response: 5.77

5.1.2.1 Total number of students benefited by scholarships, freeships, etc provided by the institution besides government schemes year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
59	17	52	131	177

File Description

Document

Any additional information

[View Document](#)

5.1.3 Number of capability enhancement and development schemes –

1. For competitive examinations
2. Career counselling

- 3.Soft skill development
- 4.Remedial coaching
- 5.Language lab
- 6.Bridge courses
- 7.Yoga and meditation
- 8.Personal Counselling

A. 7 or more of the above

B. Any 6 of the above

C. Any 5 of the above

D. Any 4 of the above

Response: A. 7 or more of the above

File Description	Document
Details of capability enhancement and development schemes	View Document
Any additional information	View Document
Link to Institutional website	View Document

5.1.4 Average percentage of student benefited by guidance for competitive examinations and career counselling offered by the institution during the last five years

Response: 18.08

5.1.4.1 Number of students benefited by guidance for competitive examinations and career counselling offered by the institution year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
173	308	311	211	192

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	View Document
Any additional information	View Document

5.1.5 Average percentage of students benefited by Vocational Education and Training (VET) during the last five years**Response:** 7.01

5.1.5.1 Number of students attending VET year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
120	90	90	90	60

File Description**Document**

Details of the students benefited by VET

[View Document](#)

Any additional information

[View Document](#)**5.1.6 The institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases****Response:** Yes**File Description****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](#)**5.2 Student Progression****5.2.1 Average percentage of placement of outgoing students during the last five years****Response:** 62

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

2017-18	2016-17	2015-16	2014-15	2013-14
173	308	311	211	192

File Description	Document
Self attested list of students placed	View Document
Details of student placement during the last five years	View Document

5.2.2 Percentage of student progression to higher education (previous graduating batch)

Response: 1.36

5.2.2.1 Number of outgoing students progressing to higher education

Response: 3

File Description	Document
Upload supporting data for student/alumni	View Document
Details of student progression to higher education	View Document

5.2.3 Average percentage of students qualifying in State/ National/ International level examinations during the last five years (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/State government examinations)

Response: 20

5.2.3.1 Number of students qualifying in state/ national/ international level examinations (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil services/ State government examinations) year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
3	0	0	0	0

5.2.3.2 Number of students who have appeared for the exams year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
3	0	0	0	0

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	View Document

5.3 Student Participation and Activities

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

Response: 0

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

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at national/international level during the last five years	View Document

5.3.2 Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution

Response:

Consistently, an Understudy gathering is framed containing one understudy agent from every Office. From the gathering confined one understudy is being chosen as Understudy Director consistently. The understudy chamber assumes a fundamental job in Departmental exercises, for example, sorting out symposiums, workshops, meetings and workshops. The gathering individuals and the various understudies purposely include in their Specialty bulletin readiness and in publication board. The understudy agents additionally take an interest in the readiness of school schedule each year to design school exercises Office savvy. Particularly Office symposia are totally arranged, composed and directed by the understudies under the supervision of the staff.

The understudies include themselves in occasions, for example, school day, lodging day, Freedom day,

Republic day and different club exercises. Each club has a few understudies who go up against influential positions and compose the occasions and get great presentation. The understudy agents likewise effectively partake in Sports board of trustees, social council, magazine advisory group, logbook panel and so on. The school gives adequate roads to creating specialized abilities, refreshing learning, identity advancement and administration to the general public through different Affiliations and Social orders. There is a staff consultant to direct the understudies in the smooth and compelling working of the Associations. Energizing rundown of speakers address on the subject authored.

File Description	Document
Any additional information	View Document

5.3.3 Average number of sports and cultural activities/ competitions organised at the institution level per year

Response: 2.6

5.3.3.1 Number of sports and cultural activities / competitions organised at the institution level year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
2	2	3	3	3

File Description	Document
Report of the event	View Document
Number of sports and cultural activities / competitions organised per year	View Document

5.4 Alumni Engagement

5.4.1 The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and non financial means during the last five years

Response:

Sri Balaji Chockalingam Engineering College Arni Alumni Association makes the expert structure, which encourages you to get related with one another. We are satisfied to illuminate that, our graduated class have worked to perfection in their individual fields by setting up their inward gifts. This overall phase of graduated class affiliation goes about as a stage for every one of the graduated class individuals by expanding its assistance among us. In this way, it prepares to set up, advance and upgrade the aptitudes of each former student part all through their lifetime.

Destinations:

(I) To trade proficient information, sort out specialized gatherings, classes workshops and instructional classes. To speak to and partake in such courses, gatherings, workshops or gatherings directed by different Engineering and expert Associations, Establishments and to look for acknowledgment in different discussions of State and Central Governments, Quasi Governmental Organizations, private and different Autonomous Bodies, with a view to add to the encouragement of the targets of the Association.

(ii) To exhort and collaborate with State and Central Government Bodies, Universities, Professional Associations and Associations of Engineering and Engineering Equipment Manufacturing Industries and Marketing Agencies on issues identifying with advancement of Engineering Education, preparing, the board and frameworks.

(iii) To direct courses, gatherings, workshops and gatherings of designing experts and resources with the end goal of advancement of building information and expertise.

(iv) To make and set up gifts for allowing grants and prizes to the understudies of Sri Balaji Chockalingam Engineering College and to the Children of Members of the Association with a view to advance and energize abilities, aptitudes and skill for Engineering understudies.

(v) To produce corpus at the Sri Balaji Chockalingam Engineering College for making better private/instructive/recreational offices and for some other reason as dictated by the General Body for the Association Community in Greater Arni and neighboring Districts.

(vi) To support, and improve the Technical and general Knowledge of its individuals occupied with calling or going to take part in calling and increment investment of Alumni.

(vii) To raise or gather assets by memberships, commitments, gifts, advances or by some other legitimate methods for facilitation of the above goals of the Association.

(viii) To sort out games, diversions, picnics and other social exercises to serve its individuals and their families.

(ix) To embrace exercises of country building including those of beneficent nature.

File Description	Document
Link for Additional Information	View Document

5.4.2 Alumni contribution during the last five years(INR in Lakhs)

? 5 Lakhs

4 Lakhs - 5 Lakhs

3 Lakhs - 4 Lakhs

1 Lakh - 3 Lakhs**Response:** 1 Lakh - 3 Lakhs

File Description	Document
Any additional information	View Document
Alumni association audited statements	View Document

5.4.3 Number of Alumni Association / Chapters meetings held during the last five years**Response:** 5

5.4.3.1 Number of Alumni Association /Chapters meetings held year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1	1	1	1	1

File Description	Document
Number of Alumni Association / Chapters meetings conducted during the last five years	View Document

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

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

Response:

A group action session has been conducted for all the stakeholders of the establishment of the institution. The Management, Principal, Heads of the department, faculty, alumni, and also the advisory bodies were invited to attend the session.

The predominant features were interacted with the faculties and college students at formal and informal ranges, Leadership qualities were executed by conducting numerous events . The college leadership maintains regular and active interaction with all the stakeholders during the span of an educational session.

All the activities performed henceforth and guidelines have been formulated and completed keeping the vision and mission in mind. Each choice is carried out and the success of the imaginative and innovative task is monitored by the heads.

The whole session that occurs in the class room is based on the effects required through individual students. The program outcomes, program specific outcomes and also the course outcomes are developed keeping the mission statement in mind. The mission statement is written keeping the vision in mind. During this approach, the class room is interconnected to the vision and mission.

The staffs are energetic individuals in decision making council of the college. They offer their recommendations and advices which might be duly reputable and considered. The nature of governance of the college is devoted to the development of the scholars.

The management frame is very much obliged for the complaints and acts according to the deal with any state of affairs. The plans have been formulated by the control of the government. Preserving the vision and mission in thoughts and after reviewing previous dreams and their achievement, new plans are made and achieved.

The faculty members are much involved with the aid of the institution leadership in developing and implementing the control system at diverse stages. The college faculty members are nominated in various statutory bodies and committees of institutions for choice making and handling the numerous functioning of the institution. Ordinary inputs are taken from faculty and staff members through monthly meetings of the faculty / brain storming periods for continuous development for the system.

The leadership guarantees the compliance of academic and administrative techniques and processes with the persistent improvement through ordinary systematic audits; assessments and tracking the described Quality Assurance Framework.

The leadership of the institution units the route for all of the contributors of college IQACs to paintings collectively closer to the vision and mission set by means of the College.

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

6.1.2 The institution practices decentralization and participative management

Response:

The head of the department has been given with the authority of deciding the activities and authorizing the responsibilities to the staff members. The branch decides on the timetable, work allocation, purchase and preservation of device and consumables, organizing conferences, symposia, guest lectures, workshops and recommends essential industrial visits, in-plant trainings, internships and MoUs.

The Principal coordinates with the departments, administration and management, provides intensive scope for having collaboration among the departments and ensures the standard of designing and implementation of all the activities within the establishment uniformly and as a team.

All departments' heads are invited to submit their budget proposal for each year. This budget proposal is developed once drawn-out discussions at department conferences organized by the pinnacle of the department. They arrive on a conclusive outline once discussing the essential necessities to satisfy the wants of the department together with the budget needed for student encourage activities like guest lectures, seminars, workshops and symposium.

Along with this, lab-in charges are also asked to return up with a proposal of their necessities together with purchase of recent systems, new updated software package, repairs and maintenances, UPS battery maintenance and up gradation.

Academic activities are decentralized and selections are taken under discussion within the department meeting, faculty meeting, HODs' meeting and with Principal and HODs meeting with CHAIRMAN. Modified project budget combined with the budgets of all departments is forwarded for the Chairman's approval. A final projected budget together with all anticipated financial gain and expenditures ready by the accounts department is conferred to the establishment for approval.

- Accounts department releases funds on a monthly basis, as planned.
- Preparation of academic Calendar.
- Subject Allocation Individual Department.
- Branch wise Symposium/ Workshop / Seminars.
- Intra Department Audit (Department stock/Consumable stock / Log book/ Course File)
- Industrial visit arranged for each and every department.
- Placement Training activities carried by placement cell.
- Department of physical education organizing Sports Day Function every year.
- Annual day celebrated every year.
- IQAC Meetings has conducted to ensure internal quality activity during every quarter of the year.

The development of the Institution is a constant ongoing process at every steps, the management strives to improve. This is made possible with the help of perspective / Strategic plan the necessary actions to be taken to grow and develop.

All the stake holders of the Institution are involved in the process their input and suggestion are considered while developing the strategic plan.

Head of the department has to take in charge of the concerned task to find their strength and weakness, understand their weakness, and analysis which is one of the most important steps of strategic planning.

The primary goal are decided then the process of to improve the student result & increasing the number of achievement in Anna University rank holder every years.

The various surrounding schools student are invited to conduct education awareness program and guidelines that has to help and improve the college admission

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

6.2 Strategy Development and Deployment

6.2.1 Perspective/Strategic plan and Deployment documents are available in the institution

Response:

The development of the Institution is a constant ongoing process at every steps, the management strives to improve. This is made possible with the help of perspective / Strategic plan the necessary actions to be taken to grow and develop.

All the stake holders of the Institution are involved in the process their input and suggestion are considered while developing the strategic plan.

Head of the department has to take in charge of the concerned task to find their strength and weakness, understand their weakness, and analysis which is one of the most important steps of strategic planning.

The primary goal are decided then the process of to improve the student result & increasing the number of achievement in Anna University rank holder every years. The various surrounding schools student are invited to conduct education awareness program and guidelines that has to help and improve the college admission.

continuous development for the system.

The leadership guarantees the compliance of academic and administrative techniques and processes with the persistent improvement through ordinary systematic audits; assessments and tracking the described Quality Assurance Framework.

The leadership of the institution units the route for all of the contributors of college IQACs to paintings collectively closer to the vision and mission by means of the College.

File Description	Document
Any additional information	View Document
Strategic Plan and deployment documents on the website	View Document
Link for Additional Information	View Document

6.2.2 Organizational structure of the institution including governing body, administrative setup, and functions of various bodies, service rules, procedures, recruitment, promotional policies as well as grievance redressal mechanism

Response:

The college has clearly defined organization hierarchy and structure to support decision making processes.

- Academic council
- IQAC
- Disciplined Committee(Anti ragging monitor cell, College complaint committee)

Governing council takes the responsibility to monitor the implementation of activities in the college strategic plan.

Continuous improvement are ensured to maintain quality of standard in both Academic and administrative level.

Every year ISO audit is conducted and subsequently recertification is granted. Branch wise ISO audit to be maintained, and Branch of EEE, CSE, ECE has been accredited. Other branches also motivate applying for accreditation by NBA.

The staff appraisal system to be encouraging the teaching, non teaching & administration staff is planned at the end of every academic year.

The college has well- structured system for professional Development f the faculty and staffs. Achievement of faculty is recognized with financial and non financial incentives.

The Faculty and staff are redressed timely to keep their motivating all times for their performance efficiency and satisfaction.

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

6.2.3 Implementation of e-governance in areas of operation

- 1.Planning and Development
- 2.Administration
- 3.Finance and Accounts
- 4.Student Admission and Support
- 5.Examination

- A. All 5 of the above
- B. Any 4 of the above
- C. Any 3 of the above
- D. Any 2 of the above

Response: A. All 5 of the above

File Description	Document
Details of implementation of e-governance in areas of operation Planning and Development,Administration etc	View Document
Any additional information	View Document

6.2.4 Effectiveness of various bodies/cells/committees is evident through minutes of meetings and implementation of their resolutions

Response:

With the leadership of the Principal, every committee will be assigned with specific tasks pertaining to the requirements of conducting college functions. Heads of the committees monitor the works. A minimum of two meetings will be held prior to the function in the presence of The Managenet representative, Principal, HODs and Committee heads. The committees constituted are not permanent. Members are reshuffled for change of committees for different functions. This enables the members getting familiarized with any kind of activities related to any function. The conduct of functions fosters relationship and nurture unity.

The examination cell is taking of all exam related activities. The sports committe plans the spoart activities and annual sports in the college.IQAC is monitoring and impelementing the quality improvement activity in the college.

File Description	Document
Any additional information	View Document
Link for 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:

6.3.1 The Institution has effective welfare measures for teaching and non-Teaching Staff

Teaching Staff:

By considering the continuous learning process of the teaching staff, several staff development programs are conducted. It includes Personality development, Skill up gradation, Software maintenance workshops, Communication skill training etc.

Employees' Provident Fund is deposited along with same contribution from institutes' side.

- Banking and ATM facility in the college camps.
- Personal loans against salary.
- Free transportation
- Festival advance are given to all employees, desires to avail. The amount given as advance is thereafter deducted from monthly salaries.
- Annual appraisal
- Recognition and awards for the good performance.
- Free health camps provided every year.
- Ensuring Job satisfaction by encouraging the skills and activities which ends in the reputation of the institution.
- Maternity leave for lady faculty members
- Laptops are provided at subsidized cost.
- On-duty facility for pursuing Ph.D
- Incentive for the publication of papers.
- Concession in the fees for the wards of the faculty in schools/Institutions runs by the trust.
- Faculty are entitled for sponsorship to training programs, paper presentations, attending seminars, workshops, quality improvement program etc..
- Institution creates opportunities for self-improvement and provides autonomy and comfortable working atmosphere.
- By realizing the satisfied employee is an asset for the institution, promotions are given to the faculty by Career Advancement Scheme.
- Casual leave, Sick leave is provided with 24 days every year with pay.

- Study and recreational tours are organized every year.

Non-Teaching staff:

- By realizing Non-teaching staff maintains the maintenance facility of the college they are also given with many welfare measures as teaching staff.
- Non-Teaching staff are also encouraged to do higher education to increase their skills.
- Fee Concession for the wards of Non-teaching faculty in schools/Institutions run by the trust.
- Free transport
- Casual leave, Sick leave is provided with 24 days every year with pay.
- Banking and ATM facility in the college camps.
- Recreational tours are organized every year.
- Annual appraisal
- Employees 'Provident Fund is deposited along with same contribution from institutes' side.
- Personal loans against salary.

Free health camps provided every year.

File Description	Document
Any additional information	View Document
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: 16.98

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

2017-18	2016-17	2015-16	2014-15	2013-14
27	27	21	24	28

File Description	Document
Details of teachers provided with financial support to attend conferences,workshops etc during the last five years	View Document

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: 1

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

2017-18	2016-17	2015-16	2014-15	2013-14
1	1	1	1	1

File Description**Document**

Reports of Academic Staff College or similar centers

[View Document](#)

Details of professional development / administrative training programs organized by the Institution for teaching and non teaching staff

[View Document](#)

6.3.4 Average percentage of teachers attending professional development programs viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Program during the last five years

Response: 6.29

6.3.4.1 Total number of teachers attending professional development programs, viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Programs year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
5	10	15	5	12

File Description**Document**

IQAC report summary

[View Document](#)

Details of teachers attending professional development programs during the last five years

[View Document](#)

6.3.5 Institution has Performance Appraisal System for teaching and non-teaching staff

Response:

The Institution has well structured committees and cells to fulfil the needs of student community . Senior faculty is headed for each committee. The Chairman headed for Governing Council and conducted various

meetings to made decisions regarding the college governance, day by day activity and infrastructure development as per academica schedule for student and institutional upgradation. The work appraisal of the staff is monitored by Principal. The logbook is periodically verified by Principal of each staff membres. The HOD's of the department is conducting periodically verification on logbook of each and every faculty work load. Antiragging cell is monitor the ragging inside and outside of the college primises. There is a seperate cell for sexual harassment is available to eliminate the problems regarding female candidates. The OBC,SC/ST cell is take care of problems related such cell. All the cells have their own well defined policy statement, objectives and responsibilities to facilitate the students welfare and to ensure appraisal system

File Description	Document
Any additional information	View Document

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

All accounts are maintained by the accountants as per the admission and fee regulatory committee of the state.

The college has a mechanism for internal and external audit as per the requirement

Internal audit is performed every department by official deputed from trust office periodically.

- Department stock maintenance
- Department consumable.
- Department Calibration
- Department furnishers

External audit is conducted auditor and the final audit report submitted to the management. The consolidation of the finding of the institution with trust office has been completed and annual returns have been submitted to income tax.

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

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

Response: 5.4

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

2017-18	2016-17	2015-16	2014-15	2013-14
1.45	1.2	1	.9	.85

File Description	Document
Details of Funds / Grants received from non-government bodies during the last five years	View Document
Any additional information	View Document
Annual statements of accounts	View Document

6.4.3 Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Response:

i) Recurring sources

AICTE approved our institution and 65% of students admitted through Anna University counseling (TNEA) and remaining 35% of self financing. Student's fees collected by AICTE educational norms and provide loan arranged for rural students. This resource utilized for maintenance of college such as bus, electricity bill and RO water.

Our college has established a trust "Smt .Kannammal educational trust" which provides quality education for rural people.

ii) Non-recurring sources

Our college is getting research funds from the government sector and also MOU's signed with private sector which benefits the students. Faculties are mobilized to research and to fetch the fund allotted by public sector.

There should be utilization of resources by the faculty in undergoing the research work. Staffs are formulated and given on-dutys to attend the seminars, guest lecture, and AICTE workshop. Gathering of knowledge from the faculty is to motivate the students to enrich with good project and research works.

Our institution has conducted extracurricular activities such as sports and annual day. From AICTE, adopting the rural areas near the college and to improve the quality education

File Description	Document
Any additional information	View Document
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:

The institution organizes internal quality Assurance aspects, especially regarding the teaching learning process under the purview of the academic committee of the college.

The IQAC has contributed in institutionalizing quality assurance strategies and processes at all levels. The IQAC at Institutional level has been conducted every month and the format of the meetings has been given by the Institutions. All Academic and academic administrative activities/events are mapped in the academic calendar of the college.

The IQAC focuses on the continuous improvement of the examination system for the students.

Department wise to conduct the cycle test (CIA I and CIA 2 AND CIA 3) and the model examination (CIA test for a period of 1hour and 30 minutes with 60 marks and the model examination for a period of 3 hours with 100 marks).

Different department has been functioning effectively and the staff handling the subjects prepares question paper for each subject and hand over the same to the exam co-coordinator and they will take multiple Xerox copies supply for all the department.

The department head allots the invigilators and invigilate the examination different subject. After monitoring the progress of the students, the head of the department implement a re-test procedure for dull students; same question paper is prepared for retest and the dull student are thus given another chance to improve performance, even absent student also have to write the same examination.

The management is very much concerned about the quality of projects the students undertake during final year. The IQAC suggested that the students can plan their projects in the pre-final year. A mini project evaluation is conducted by the departments of CSE, ECE, Civil, Mech, EEE and IT in the sixth semester & MCA, MBA conducted 4th semester.

The college pays lot of attention to the quality of its product. Through years of progress it has initiated and developed several activities and training programs for the faculty through IQAC. Some of the activities organized by IQAC for the development of the institution are English communication skills, Hindi, professional behavior workshop, aptitude training thorough placements, education among many more.

File Description	Document
Any additional information	View Document
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

Response:

HOD reviews and monitors the teaching learning process continuously and report to the principal. The class room lectures are organized by the faculty members for each subject. Students have a better understanding in which we should encourage their knowledge in teaching smart class room methods.

Beyond the syllabus they expose the industry requirement to the student. The industrial expert resource person, is committed for a day to conduct technical seminar & technical workshop.

Every year student has to undergo industrial visit to enrich their knowledge.

The management is identifying the necessary soft skill development required for the student. Through placement cell, they provide soft skill & aptitude Training with a help of better placement for the student.

The IQAC is instrumental in implementing new ventures for enabling the learners, acquiring knowledge beyond the syllabus.

Video classes and NPTEL videos:

The smart class room lecture video are played for the specific topics within the syllabus, weekly 2 or 3hours.

Through these video classes student are exposed to have a thorough understanding of the processes through visual means with maximum impact and this encourage them to focus on their knowledge.

The entire student is benefited through NPTEL video Session

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

6.5.3 Average number of quality initiatives by IQAC for promoting quality culture per year

Response: 1.6

6.5.3.1 Number of quality initiatives by IQAC for promoting quality year-wise for the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
2	1	2	2	1

File Description	Document
Number of quality initiatives by IQAC per year for promoting quality culture	View Document
Any additional information	View Document
IQAC link	View Document

6.5.4 Quality assurance initiatives of the institution include:

1. Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback collected, analysed and used for improvements
2. Academic Administrative Audit (AAA) and initiation of follow up action
3. Participation in NIRF
4. ISO Certification
5. NBA or any other quality audit

A. Any 4 of the above

B. Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above

Response: C. Any 2 of the above

File Description	Document
e-copies of the accreditations and certifications	View Document
Details of Quality assurance initiatives of the institution	View Document

6.5.5 Incremental improvements made during the preceding five years (*in case of first cycle*) Post accreditation quality initiatives (*second and subsequent cycles*)

Response:

- 1) Regular conduct of National / International conference in all the departments.
- 2) Infrastructure of our college has built the mini seminar hall.
- 3) Installed Reverse osmosis (RO).Purified drinking water for the college students and faculty members.
- 4) Renovated of Lavatory. Separate rest room for boys and girls.
- 5) Periodically counseling is providing to students curriculum and co-curricular activities.
- 6) Periodically we are bringing the students for industrial visit to get the real time industrial exposure.
- 7) Regularly sending the students marks statement to their parents and conducting the parents meeting after every internal exam.
- 8) For Internal Quality Assurance mechanism, internal academic audits are carried out by representatives from various departments for every semester.
- 9) Our College is accredited by ISO 9001:2008 Certification and Three department is accredited to NBA i.e., Mech, EEE & ECE, which is ended on June2015.
- 10) There is Continuous increase in the number of university rank holders every year.
- 11) Getting digitalized in more number of academic operations.
- 12) College regular commitment in Conducting Alumni Meet.
- 13) Alumni Head is appointed in the college and separate Alumni Co-coordinator is appointed for every department.
- 14) Our College is having Entrepreneur Development Cell (EDC) to encourage the students to become a job creator instead of Job seeker.
- 15) Our College is having Career Guidance Cell (CGC) to encourage the students to get into the government Jobs.

File Description	Document
Any additional information	View Document

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Number of gender equity promotion programs organized by the institution during the last five years

Response: 13

7.1.1.1 Number of gender equity promotion programs organized by the institution year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
2	3	3	3	2

File Description	Document
Report of the event	View Document
List of gender equity promotion programs organized by the institution	View Document
Any additional information	View Document

7.1.2

1. Institution shows gender sensitivity in providing facilities such as:

- 1. Safety and Security**
- 2. Counselling**
- 3. Common Room**

Response:

Response:

1. Safety and Security

- Our institute is having special women protection cell which will take care about all issues related to female students and female faculty.
- This cell especially concern about safety of women's in the campus and in the buses. Apart from safety concern this cell functions as a antiragging committee.
- The institution has internal complaints committee for Prevention of Sexual harassment of Women,

which looks after the issues pertaining to women in particular.

- This cell conducts gender equity awareness programs.
- The college campus is equipped by CCTV Cameras for safety and security.
- Napkin Destroier Machine is installed in female rest room is avaiable.

1. Counselling

- The Student Counseling Room is set up to help students resolve any personal problems that may be impeding their studies. Its main functions are as follows:
- To listen to students experiencing personal problems and help them to resolve those problems quickly.
- To carry out any investigations, testing or analysis necessary to help students with problems.
- To plan and hold events such as presentations and seminars to give teachers information on how to help students.

3. Common Room

- Common room facility is implemented for relaxation of students.

File Description	Document
Any additional information	View Document

7.1.3 Alternate Energy initiatives such as:

1. Percentage of annual power requirement of the Institution met by the renewable energy sources

Response: 0.36

7.1.3.1 Annual power requirement met by the renewable energy sources (in KWH)

Response: 1

7.1.3.2 Total annual power requirement (in KWH)

Response: 280

File Description	Document
Details of power requirement of the Institution met by renewable energy sources	View Document

7.1.4 Percentage of annual lighting power requirements met through LED bulbs	
Response: 50	
7.1.4.1 Annual lighting power requirement met through LED bulbs (in KWH)	
Response: 5	
7.1.4.2 Annual lighting power requirement (in KWH)	
Response: 10	
File Description	Document
Details of lighting power requirements met through LED bulbs	View Document

<p>7.1.5 Waste Management steps including:</p> <ul style="list-style-type: none"> • Solid waste management • Liquid waste management • E-waste management <p>Response:</p> <ul style="list-style-type: none"> • Solid waste management • Liquid waste management • E-waste management <p>Response:</p> <p>Waste management:</p> <p>Waste management (or waste disposal) is the action required to manage waste from its inception to its final disposal. This includes the collection, transport, treatment and disposal of waste, together with monitoring and regulation of the waste management process.</p> <p>Solid waste management:</p>

- Utilization of plastic is entirely denied.
- The waste is segregated by providing separate dustbins for Bio-degradable and non-bio-degradable waste.
- Single sided used papers are reused for writing and printing in all departments.
- Sanitary napkins are disposed by using incineration process.

Liquid waste management:

- A mineral water plant is in use for pure drinking water
- Rain water harvesting scheme has been implemented for conserving rain water.

E-waste management:

- E-waste from labs is properly collected and is given to the licensed recycler, wherever possible, donated and sold if possible.
- Non-working computers, monitors, and printers are discarded on a systematic basis.

File Description	Document
Any additional information	View Document

7.1.6 Rain water harvesting structures and utilization in the campus

Response:

- Institute has rainwater harvesting system which is used to collect the rainwater. Due to extensive urbanization, water is increasingly becoming a scarce natural resource.
- This system is situated in ground floor backside of main building Rooftop rain water collected on the terrace of institute
- Through adequate pipe system, water is collected from different parts of the terrace.
- All the rain water thus collected is diverted to common channel and conveyed for storage in an underground storage tank.

- The underground tank has capacity to store several litres of rainwater

File Description	Document
Any additional information	View Document

7.1.7 Green Practices

- **Students, staff using**
 - Bicycles**
 - Public Transport**
 - Pedestrian friendly roads**
- **Plastic-free campus**
- **Paperless office**
- **Green landscaping with trees and plants**

Response:

- Bicycles
 - Public Transport
 - Pedestrian friendly roads
- Plastic-free campus
 - Paperless office
 - Green landscaping with trees and plants

Response:

1. Bicycles

Students and Staffs residing near our college use bicycles for transportation. This makes the campus as less polluted place.

b) Public Transport

- Bus Stop is situated near the college campus entrance.
- College transportation facilities are used to commute.

c) Pedestrian friendly roads

- The campus has widened and well maintained roads for pedestrians.

Plastic-free campus

- Use of plastic bags and cups are banned inside the college campus.
- Even in college canteen usage of leaf cup or paper cup is mandatory.

Paperless office

- . Hi speed internet Wi-Fi facility is available for paper free practice.
- Garbage dumps are placed at regular interval for collecting organic and inorganic wastes

Green landscaping with trees and plants

- The institute is a Green campus with landscaping.
- The students and faculty are encouraged to plant more trees for making the campus as air rich zone.
- The building of our college is having the facility of using sunlight as one of the source for lighting and high roofs for cooling. College construction allows for natural ventilation and lighting throughout the campus which helps to conserve the energy demands.
- College has numerous varieties of plants, like Mangifera indica (Mango), Syzygium Citrus Limon (Lemon), Terminalia catappa (Almond), Azadirachta indica (Neem), Pongamia pinnata (pungam tree), coconut tree etc.
- Through NSS, college has organized activities such as Swatch Bharat, plantation drives etc.
- An event is celebrated every year to spread the concept of eco-friendly environment and energy conservation.

File Description	Document
Any additional information	View Document

7.1.8 Average percentage expenditure on green initiatives and waste management excluding salary component during the last five years**Response:** 2.14

7.1.8.1 Total expenditure on green initiatives and waste management excluding salary component year-wise during the last five years(INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
4.96	4.46	3.95	3.28	2.96

File Description	Document
Green audit report	View Document
Details of expenditure on green initiatives and waste management during the last five years	View Document
Any additional information	View Document

7.1.9 Differently abled (Divyangjan) Friendliness Resources available in the institution:

1. Physical facilities
2. Provision for lift
3. Ramp / Rails
4. Braille Software/facilities
5. Rest Rooms
6. Scribes for examination
7. Special skill development for differently abled students
8. Any other similar facility (Specify)

A. 7 and more of the above

B. At least 6 of the above

C. At least 4 of the above

D. At least 2 of the above

Response: C. At least 4 of the above

File Description	Document
Resources available in the institution for Divyangjan	View Document
Any additional information	View Document

7.1.10 Number of Specific initiatives to address locational advantages and disadvantages during the last five years

Response: 14

7.1.10.1 Number of specific initiatives to address locational advantages and disadvantages year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
2	3	3	3	3

File Description	Document
Number of Specific initiatives to address locational advantages and disadvantages	View Document
Any additional information	View Document

7.1.11 Number of initiatives taken to engage with and contribute to local community during the last

five years (Not addressed elsewhere)

Response: 14

7.1.11.1 Number of initiatives taken to engage with and contribute to local community year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
2	3	3	3	3

File Description

Document

Report of the event

[View Document](#)

Any additional information

[View Document](#)

7.1.12

Code of conduct handbook exists for students, teachers, governing body, administration including Vice Chancellor / Director / Principal /Officials and support staff

Response: Yes

File Description

Document

Any additional information

[View Document](#)

7.1.13 Display of core values in the institution and on its website

Response: Yes

File Description

Document

Provide URL of website that displays core values

[View Document](#)

7.1.14 The institution plans and organizes appropriate activities to increase consciousness about national identities and symbols; Fundamental Duties and Rights of Indian citizens and other constitutional obligations

Response: Yes

File Description

Document

Details of activities organized to increase consciousness about national identities and symbols

[View Document](#)

Any additional information

[View Document](#)

7.1.15 The institution offers a course on Human Values and professional ethics**Response:** Yes

File Description	Document
Any additional information	View Document
Provide link to Courses on Human Values and professional ethics on Institutional website	View Document

7.1.16 The institution functioning is as per professional code of prescribed / suggested by statutory bodies / regulatory authorities for different professions**Response:** Yes

File Description	Document
Any additional information	View Document
Provide URL of supporting documents to prove institution functions as per professional code	View Document

7.1.17 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties during the last five years**Response:** 14

7.1.17.1 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
2	3	3	3	3

File Description	Document
List of activities conducted for promotion of universal values	View Document
Any additional information	View Document

7.1.18 Institution organizes national festivals and birth / death anniversaries of the great Indian

personalities**Response:**

The Institution organized following national festivals and birth/death anniversaries of the great Indian personalities.

World Environment Day is celebrated on the 5th of June every year; Institute gives the plants to the NSS students for sapling the trees.

The International Yoga Day, on June 21 is celebrated in the campus every year. On the occasion of Yoga day, we invite professionals to our institution for to give special lecture on Art of Living to our students as well as faculties.

Institute organizes national days like 26th of January & 15th of August. On 26th of January and 15th of August, the flag hoisting event and also with cultural events are organized in the institution.

In the month of August and September, every year, our students will celebrates onam festival with some cultural events like 'Onam Kolam' competition (Rangoli, Maa Kolam, Poo Kolam), 'speech competition', etc.

On Every September 5th we celebrates teachers day. Students organize various competitions for faculties as a token of respect and tribute.

On occasion of Engineer's day, on 15th of September, as a tribute to the greatest Indian Engineer Bharatratna Mokshagundum Vishveshwarya, Institute organizes technical events like paper presentations, quiz competitions and new product design.

On 14th Oct, On the occasion of former president Dr A. P J. Abdul Kalam birth anniversary, the institute's MBA department celebrates with students and they provide plants to the nearest villages.

On the occasion of international men's day 19 November, Institute celebrates the event of identifying young researcher from the students.

Institute organizes every January second week celebrates the Dr.MGR Birthday and PONGAL festival with students and faculties. And institute conducting nativity traditional games.

On every year 8th march our institute celebrates the Women's Day. We invite some special guests for lecture and conduct competitions like singing, dancing and poet writing to our female students.

File Description	Document
Any additional information	View Document

7.1.19 The institution maintains complete transparency in its financial, academic, administrative and auxiliary functions

Response:

The institution maintains transparency in its financial, academic, administrative, and auxiliary functions in a very clean and fair manner. Ethical and responsible conduct permeates the institution, from its financial functions, through its academic and personnel policies, to its varied auxiliary functions. To ensure that the institution operates transparently and openly in all activities, it develops and updates policies.

College has a dynamic history of policy review/revision that reflects the institution's ongoing commitment to integrity and ethical actions. It has managed to improve faculty and staff salaries in the past ten years. Every transaction is through bank and a receipt is promptly issued whenever it is necessary. The receipt and payments are done through bank.

The disbursement of scholarships and other monetary benefits to the students is done through banks. The institution endeavours to ensure all financial transactions, reports and documents are completed with integrity, and that the institution presents timely and accurate information to the Statutory authorities and stakeholders. The Institutional mechanism for monitoring the effective and efficient use of financial resources is the Financial Committee consisting of Trustees.

The Committee is assisted by the experts to finalise matters relating to fee structure and the budget provisions of the college. Actual day-to-day financial transactions are tracked by the Principal, Trustee, and Manager (for approvals and the Accounts Officers (for Cross Verification and accounting). The institution has appointed external auditors, who regularly audit the accounts.

The governing council monitors every academic activity of the college. Auxiliary functions are conducted in a transparent way. For this purpose, decisions are taken in staff council meetings.

All circulars regarding, students, teaching staff & non teaching staff are circulated, read in all the classes & displayed on the notice boards. Unique student id's are given to each student and official communication are done through the same.

Admission is an online process which is strictly on the basis of merit in accordance to the government reservation policies. Results of examinations are regularly posted on the college notice board and corrected answer scripts are shown to students for any clarification.

The evaluated class tests, answer sheets, assignments and projects are shared with the students and feedback is given by the faculty for further improvement of student's performance. Regular inputs are taken from faculty and staff through monthly meetings.

Transparency in Admission process is ensured through:

1. Interaction Session of parents and HoDs' is video-recorded and regularly perused by the Higher

- Management to glean actionable points to improve the process further
2. Campus tour are organised for Parents/ Guardian who accompany applicants for selection process.
 3. To avoid impersonation, biometric profile is captured
 4. Random allocations of applicants are made for various interview boards during selection process.
 5. Admissions are purely on merit based are made.
 6. Transparency maintained with respect to the fees structure.
 7. Direct dealing with students as College Finance Department.

File Description	Document
Any additional information	View Document

7.2 Best Practices

7.2.1 Describe at least two institutional best practices (as per NAAC Format)

Response:

7.2.1 Describe at least two institutional best practices (as per NAAC Format)

Best Practice-1

Title:

Enhancement of Employability skill through soft skill training for final year student

Objectives:

The students are trained with effectual communication, skill, ability to work as team and multidisciplinary skillfulness. The students are prepared with strong technical knowledge as well as soft skills that allow them to meet to the needs of industry, government and academics with global perspective.

Context:

Current job market is required a strong technical knowledge and interpersonal and rapport building team work. Knowledge, that helps people to communicate and cooperate with each other effectively for societal improvement as well as empowerment.

Practice:

Placement training was conducted for the final student with effective improvement of communication, verbal and non verbal ability skill. Managerial skill were developed by make them to participate in seminar and group discussion. Team work was also developed. Written and oral communication skill development trainings are conducted to all our students. To improve the critical thinking, listening skills, and confidence in speaking special Group discussion are arranged after college hours from third year.

Evidence of success:

The placement record for the academic year 2013-14, 2014-15, 2015-16, 2016-17 and 2017-18, are increased effectively. This effective improvement in placement was due to the implementation of soft skill and placement programme. Better feedbacks were obtained from parents as well as our recruiters. Placement training was bringing confidence among the students by balancing the academics with that of employability skill development programme.

Best Practice-2**Title:**

Creating and encouraging the social awareness among the student

Objectives:

Social responsibilities were created for the Student.

Context:

To save life in the society by participating in blood denotation through NSS cell during the founder day celebration.

Practice:

Every year willing student as well as staff were voluntarily denoting blood to government hospital Blood Bank and Christian Medical College.

Evidence of success:

Our student were donates blood to Christian Medical College, hospital patients and govern hospital students regularly.

File Description	Document
Any additional information	View Document

7.3 Institutional Distinctiveness**7.3.1 Describe/Explain the performance of the institution in one area distinctive to its vision, priority and thrust****Response:****7.3.1 Describe/Explain the performance of the institution in one area distinctive to its vision, priority and thrust**

To emphasis as “Hardwork Alone Triumph” offering for technical education with high standards to students to develop the personality of the individual to give discipline, technologically superior and strong to make attribute to mankind. The primary objective of the institution is to precede total excellence in academic and placement, and if also aims to pursue human values to make keen interest upon their subject to the students discipline and descent are the essential factors which makes the institute as a proud. The institution stands apart from all other colleges by making value-based education along with professional talents to encourage and treat to face in the modern life.

And also, the institute aims to cultivate sense of self-discipline among students by giving equal respect for democratic, ethical, social and moral values. College provides the best amenities required for students to encourage their interpersonal skills and extra-curricular activities and bringout the best in them. Scholarships are provide without making count of spending to educate to all students which means that the students from poor family can also educate to get technical knowledge and also to evaluate meritorious students every year.

The placement is an integral part of our institution, ensures that the students are well trained and prepared to face their campus interviews effectively. The students were informed about potential job opportunities and guide them to fix and to achieve their potential. Training is imparted to the students from their second year in soft skills and also in technical skills. Diverse teaching make an array of opportunities provide to the students in enhancing their knowledge beyond academics.

To bringout the concealed talents of the students every year the institution conducts various programs such as departmental orientated function upon “recent trends in technical aspects, annual and cultural extravaganza. Various conferences, guest lectures, workshops, celebrity chats, awareness programs are organized throughout the year by which the students are exposed to recent development and innovations. Students are encouraged to develop their own projects that make the intension of the student to be clear and creative. These events throw light on various arts and thus push the students to be flexible and smart in all areas.

The institution has provided the best possible facilities in terms of infrastructure and environment for teaching, learning and sports activities to make a student efficient in all dimensions. The classrooms, laboratories, seminar halls, library, solved question bank for all the subjects and administrative office are highly factors that enchant the environment. Institution host fully equipped grounds for sports and games especially tennis, basket ball, football, volleyball and also cricket. As a result students have performed well in the tournament and secured many medals.

The nursing fact of the college is its green environment of structure which elope spontaneous emission of O₂ and emit carbon-di-oxide naturally. So, it free from pollution and toxic emission of machine. Use of vehicles is restricted beyond the parking yard. Incineration of garbage dumps are avoided. Then, periodical cleaning of the campus are some of the eco-friendly activities initiated to the students. College ensures electrical appliances are switched off when they are not in use. UPS are used to save power energy and manually the terminal users have been instructed to shutdown the computers as soon as complete the lab work. Rainwater harvesting system is fitted in a campus to collect runoff water and make to percolate into the ground.

The institute is free from water scarcity and have good quality of drinking water with RO filtering filter tanks. The wastage of water was driven to the plants and trees to make green ecosystem. Infact that, the institute make necessary steps by conducting extension to IV (Industrial visit) to promote the quality of

students not only in theory but also in practical. however, the IV helps the students to understand the proceeding things, what they really are? And what the manner of the mechanism of the substance should be? It also helps them to lead a creative vision from their further project and to improve their potential power of manuculating the substance of the product

The college has involved in various social pratice too, especially promoting student to the next level in modern life by making them to adopt the circumstance, flexibility, kind heart brilliant brave and even bold enough to face the problem occurs .Social pratices are project by conducting many social awarenss programs to establise the vision of the students about the society. conducting many NSS camps on near by villages with the help of NSS committee members. Through NSS, we plan to change the society to civilization and applicable for modern trends. Students took keen interest to serve for the people to make them to gain happiness.

Finally, the institution as specially treated the allumini from their bright future. Then, They are very gratitude for their institution and to their faculties.

Red Color Indicates the unable answer, those should be answered getting detail from management

File Description	Document
Link for Additional Information	View Document

5. CONCLUSION

Additional Information :

Institution helps in promoting the technical education to the rural students. As the institution is situated in educationally backward district. It provides the scholarships other than government support for the economically poor students. The institution paves the way for the students to be an entrepreneur. It is considered necessary to provide some exemplars for the different level of learning outcomes at higher education levels. The institution applies the knowledge of mathematics, science, engineering fundamental and an engineering specialization to the solution of advanced engineering real time problem.

Drastic changes in Higher education policies allows the College to redefine its image and mission, and further differentiate itself from other institutions

- Increase national and regional recognition
- Partnership with other institutions, especially with Low Income States and Special Category States
- Growing demand for graduate programs in teaching could lead to Masters/Specialist programs that appeal to teachers at variety of levels and expertise

Concluding Remarks :

The institution identifies, formulates and analyzes complex engineering problems reaching substantiate using first principles of mathematics and engineering technology. Design solutions for complex engineering problems and design system components that meet the specified needs with appropriate consideration for the society. Create, Select and apply appropriate techniques, resources and modern engineering activities with an understanding of the limitations.

fundamental and an engineering specialization to the solution of advanced engineering real time problem. Drastic changes in Higher education policies allows the College to redefine its image and mission, and further differentiate itself from other institutions

- Increase national and regional recognition
- Partnership with other institutions, especially with Low Income States and Special Category States
- Growing demand for graduate programs in teaching could lead to Masters/Specialist programs that appeal to teachers at variety of levels and expertise