YEARLY STATUS REPORT - 2022-2023

Part A	
Data of the Institution	
1.Name of the Institution	Indra Ganesan College of Engineering
• Name of the Head of the institution	Dr.G.Balakrishnan
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	04312901621
• Mobile no	8508688845
• Registered e-mail	igceprincipal@gmail.com
• Alternate e-mail	igceprincipal@gmail.com
• Address	Manikandam, Madurai Main Road(NH-45)
• City/Town	Tiruchirappalli
• State/UT	Tamilnadu
• Pin Code	620012
2.Institutional status	
• Affiliated /Constituent	Affiliated
• Type of Institution	Co-education
• Location	Urban

• Financial Status	**Self-financing**	
• Name of the Affiliating University	**Anna University Chennai**	
• Name of the IQAC Coordinator	**Dr.M.Santhi**	
• Phone No.	**04312901621**	
• Alternate phone No.	**04312901621**	
• Mobile	**09944930763**	
• IQAC e-mail address	**iqac@igceng.com**	
• Alternate Email address	**igceprincipal@gmail.com**	

3.Website address (Web link of the AQAR (Previous Academic Year)	https://igceng.com/iqac/docs/aqar/AQAR-2021-22.pdf
4.Whether Academic Calendar prepared during the year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	https://igceng.com/academics/Academic-Calendar.pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**B+**	**2.70**	**2021**	**23/02/2021**	**22/02/2026**

6.Date of Establishment of IQAC	**31/07/2019**

7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Dr.M.Anusuya	**MOD-ASP**	**AICTE, New delhi/MODROB**	**2022-23**	**18,90,190**

8.Whether composition of IQAC as per latest NAAC guidelines	**Yes**
• Upload latest notification of formation of IQAC	View File

9.No. of IQAC meetings held during the year	2	
• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	Yes	
• If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded	
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No	
• If yes, mention the amount		

11.Significant contributions made by IQAC during the current year (maximum five bullets)

Establishment of IIC KPI to be used for performance appraisal and motivation by way of incentives for the Publications in reputed journals Obtain 2F status of UGC On job training in the form of internship for the students before VIII Semester insisted, which helped to change the attitude and culture of student In addition to aptitude training, mock GD were conducted which helped in better placement opportunities

12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
Establishment of IIC	IIC was established and more events were conducted through IIC.

13.Whether the AQAR was placed before statutory body?	Yes
• Name of the statutory body	

Name	Date of meeting(s)
Governing Council	16/03/2022

14. Whether institutional data submitted to AISHE

Year	Date of Submission
2023	15/02/2023

15. Multidisciplinary / interdisciplinary

Multidisciplinary draws on knowledge from different disciplines but stays within their boundaries. Interdisciplinarity analyzes, synthesizes and harmonizes links between disciplines into a coordinated and coherent whole. Initially, the funding bodies were the one which demanded for interdisciplinary research. Now, Industry, Government and engineering professional education also demands interdisciplinary education and Projects. Engineering graduates are expected to be technically competent in their discipline/ domain. It is no longer possible for any one discipline to address all the problems, issues, or questions associated with these challenges single-handedly. The knowledge of other courses can further help the engineering graduates to tackle any situation in a more efficient way. 21st-century engineers have to adopt interdisciplinary approaches to deal with the critical challenges that they have to resolve. The interdisciplinary knowledge is essential in aligning the students towards the current industrial trends where multitasking is a common routine. Interdisciplinary knowledge helps in reducing the gap between academic institutions and industries. It helps the students to expand their knowledge boundaries and helps in innovating new ideas leading to new products/process. Knowing the need for multidisciplinary/ interdisciplinary knowledge among engineering students, the AICTE and Anna University, has introduced Credit-Based Choice System (CBCS) for students where students can choose interdepartmental subjects based on their interests. The Open Elective system introduced mandates the students to mandatorily choose subjects pertaining to other disciplines based on the students' interest. With the understanding that Interdisciplinary projects can only lead to real-time applications, the following points were suggested by IQAC for the implementation in the forthcoming year. 1. Importance is given for experiential and practical learning, which will provide in-depth knowledge for the students. 2. MOOC Courses are insisted among students, which will help them to gain broader knowledge in various fields and also develop life-long learning through self-paced learning schemes. 3. All the faculty members are mandated to complete minimum of one NPTEL/ Swayam Course or any other MOOC course provided with certification, within one academic year. 4. All the HoDs are in addition insisted to complete one course related to

Leadership/ Entrepreneurship/ Accreditation etc., as minimum one r per academic year. 5. Open-Elective courses are wisely chosen, which shall not only focus on recent updated technical topics, but also on Quality/ Entrepreneurship/ Ethics/ Problem solving and Sustainable Environment. 6. Research Methodology is introduced by Anna University in Regulation 2021 for all specialization. 7. Concept of theory and labs are integrated to make learning better. 8. Theory and labs can be integrated into project-based learning by laboratories. This supports the difficult and complex interdisciplinary experiments through project-based easy learning approaches. 9. Advanced expert lectures/ Industrial visits should be organized in large numbers to enhance experiential learning and interdisciplinary learning 10. For experiential learning, participative learning and problem solving methodologies, Tinkering Lab can be established within the campus where interested, innovative minds can come together in one roof and work with the recent technology to provide a viable solution to the existing problems/ invent new products. 11. Mini-projects should be mandated for all the students before they enter final year of their graduation course. 12. Final year projects are insisted to be in-house interdisciplinary projects, so that the projects are real-time projects and all such projects should be patented. 13. The best project of each department will funded by the Indra Ganesan Trust. 14. Students are motivated to take part in Project exhibits and Hackathons conducted world wide. 15. Integrated out of classroom learning through professional. society shall be practiced to induce creativity and innovation among students. 16. Awareness program on IPR and Entrepreneurship are provided so that the students are nourishing their start-up ideas. 17. NSS activities are conducted extensively, which will help in the holistic development of the students. 18. Various Industry-connect programs, Industry conclaves, Placement conclaves, expert talks are organized, for providing learning beyond the curriculum and thereby result in the overall development of the students.

16.Academic bank of credits (ABC):

The key purpose of Academic Bank of Credits ABCs, is to help transfer /redeem credits awarded to a student for one program from an institution to another institution upon students consent. Credit transfer is the key to successful study mobility. This is implemented through National Academic Depository (NAD) which is an initiative by MHRD to provide a 24X7 online depository to Academic institutions to store and publish their academic awards. The digital depository not only ensures easy access to and retrieval of an academic award but also validates and guarantees its authenticity

and safe storage. By allowing students to earn credits from a variety of HEIs registered under this scheme as well as through SWAYAM, an online repository of courses, the ABC Regulations aim to support blended learning. According to Anna University Regulations 2021, the students can take SWAYAM Courses, as per their requirement instead of the elective course of the same credit. All the degree certificates of the previous batches are scanned and stored in hard disc which can later be uploaded in the ABC. Our Institution has registered in NAD and we are gradually updating the student's details in the portal. Faculty members are motivated to prepare videos of their lecture presentation of the difficult concepts and upload the same in the institutions youtube channel. The institution encourages faculty members to submit books and book chapters with ISBN. Indra Ganesan College of Engineering, is an affiliated institution and hence provided with the freedom to design our assignments and reading materials. All the faculty members are given complete freedom to adopt various pedagogical approaches such as flipped classroom, Quiz, Case studies, Flash cards, peer learning etc, to improve the learning level of the students. Through LMS, these materials are updated in the institutions website so that the students get benefited.

17.Skill development:

Inorder to improve the skill set of the students and to make them job ready, various skill development activities were proposed and conducted. 1. Various certificate courses offered by NPTEL- SWAYAM, Intellipad, NASSCOM are introduced to the students to improve their skill set. 2. Faculty members are given freedom, to choose and attend any course of their choice, that would either improve their technical skills or Managerial skills. 3. Anna university under R2021, offers the following skill development courses starting from first year of the graduation programme. English Laboratory – I Sem Communication Laboratory / Foreign Language – II Sem Professional Development – III Sem.Also, Summer internship is mandated for the students replacing the laboratory courses in the VII Semester, to equip the students with the technological skills prevailing in the Industries and make them job ready. 4. Also, Summer internship is mandated for the students replacing the laboratory courses in the VII Semester, to equip the students with the technological skills prevailing in the Industries and make them job ready. 5. In addition to the technical skills, in order to enhance the softskills, students are involved in organizing and coordinating intra and inter-departmental events. 6. Workshops and Vocational training based on the specialization and interest of the students are provided. 7. Government is taking steps to improve the skillset of the future

workforce, through NAAN MUDHALVAN and Naalaiya Thiran portals. 8. The second year students were provided with training in MS office through NAAN MUDHALVAN. 9. The third year students were provided with training in various recent technologies like cyber security, AV/ VR, Industry 4.0 etc. 10. The final year Students were provided with NALAIYA THIRAN project session instead of one elective course. The students were made to complete and submit project in their chosen domain. 11. he National Association of Software and Service Companies (NASSCOM) is an Indian non-governmental trade association and advocacy group, focused mainly on the technology industry of India. NASSCOM is providing certificate courses to Reskill and Upskill India's workforce to ensure talent is Future Ready in terms of New Age Skills and Jobs and to make India a global hub for Digital Talent. Out students were motivated to take up courses from NASSCOM careers and nearly 30 % of the students registered for various courses on NASSCOM Careers. 12. In addition, funding from MSME is received to incubate, new project/product ideas of students

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

The NEP 2020 recommends the incorporation of the Indian Knowledge Systems (IKS) into curriculums at all levels of education. IKS was being offered as a non-credit course in academic institutions, in the past years. In order to utilize the vast repository of ancient knowledge, and since these courses can instill pride among our youth, AICTE has decided to make these courses as Mandatory courses. 1. The faculty members are required to attend a mandatory induction program and periodic refresher courses for their continued professional advancement. 2. According to Anna University R2021, Heritage of Tamils , Tamils and Technology are included as one credit paper in the first and Second semesters respectively. 3. Also, Well Being with traditional practices (Yoga, Ayurveda and Siddha) is included as one in the list of mandatory courses, with zero credit. 4. The students and faculty members are provided with yoga training, which can promote both healthy body and mind. 5. Yoga competitions are also conducted to uphold the interest of the students in these traditional practices. 6. Free Ayurvedic medical camps are organized for our students, faculty members and general public with the support of Indra Ganesan Institute of Naturopathy and Yogic Science. 7. Even though the medium of teaching is English, it is supported with vernacular language for better understanding of the concepts and for maximum knowledge transfer. 8. NPTEL courses in vernacular languages are promoted among students.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

Outcome Based Education is a concept of connecting the entire education system to outcomes/ Goals. For students, goals for each course are predefined in the syllabus by the affiliating university and decimated to the students. By the end of the course, the students are expected to achieve the set outcomes. This is assessed through Assessments, Assignments, Case-studies etc. During elective selection, preference is given for employment oriented course. ICT enabled lectures, for a minimum of 50% of the curriculum, are mandated, inorder to facilitate effective understanding of the concepts. Our students are introduced with online certificate programs offered by various Government and non-Government organizations like, NAASCOMM, NPTEL- SWAYAM, Intellipad, Sololearn, Udemy etc., which help the students in acquiring knowledge in the latest domains and in their placements. Many of our students are attending and completing these courses with interest. The students are instructed to take real time applications as their project work and thereby, provide a viable solution to the prevailing societal problems. During the project selection, the students are motivated to transform their completed mini projects into major final year projects and the major projects should be either patented or published in a journal. Faculty members are the backbone of an institution and knowledge transfer can happen from faculty members to students easily, faculty members of our institution are provided with various Seminars/ webinars/ workshop/ Faculty development programs on Outcome Based Education. To ensure OBE in every activity, Outcome based approach is incorporated in our day to day activities. In this regard, the faculty members who attend FDPs, Workshops etc, are insisted to give a presentation of the same to the other faculty members of the department/ institute depending upon the content. Reports collected from students on Industrial visits also help to understand and analyze the outcome from such activities.

20.Distance education/online education:

Distance / Online education is promoted to provide knowledge on Pedagogy, Andragogy, Technology etc., when the learner is not able to be physically present at the learning spot (College). To keepup the spirit of learning, the government has taken many initiavites with the help of MHRD. NPTEL/ Swayam Courses are offered free of cost, so that the students and faculty fraternity acquire in-depth knowledge. Also the certifications for the courses are available at a minimum cost. Our college has an active NPTEL Local Chapter, through which the Institution, motivates the students to attend NPTEL/ Swayam Courses by providing the Registration fees for the subsequent NPTEL courses,for those who get a minimum of one

certificate. Faculty members are mandated to complete one NPTEL Course per Academic year in their domain. Also, Professors and Associate Professors are mandated to complete one technical course and one course of Leadership/ Accreditation etc. in one academic year. Courses through NASSCOM and other Certifying agencies are promotes among faculty members and students.

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	**356**

File Description	Documents
Data Template	[View File](#)

2.Student

2.1 Number of students during the year	**670**

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	**252**

File Description	Documents
Data Template	[View File](#)

2.3 Number of outgoing/ final year students during the year	**89**

File Description	Documents
Data Template	[View File](#)

3.Academic

3.1	**91**

Number of full time teachers during the year	

File Description	Documents
Data Template	<u>View File</u>

3.2 Number of sanctioned posts during the year	**91**

File Description	Documents
Data Template	<u>View File</u>

4.Institution	
4.1 Total number of Classrooms and Seminar halls	**43**
4.2 Total expenditure excluding salary during the year (INR in lakhs)	**254.09806**
4.3 Total number of computers on campus for academic purposes	**521**

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

The curriculum and syllabus prescribed by Anna University and the objectives and outcomes of each course are disseminated among the students. Academic calendar based on the academic schedule is prepared and disseminated to students and teachers.In each semester, course allocation, time table preparation, course files are done in the beginning of the semester. Course files includes syllabus, lesson plan, notes of lesson, question bank, Programme Objectives and Outcomes, Course Objectives and Outcomes. Three Unit tests and two model examinationsfor theory courses and one model practical exam are conducted before university examination. Apart from teaching using board and chalk, teachers use LCD projector and Smart Board for effective teaching using pictures and videos. Theory subjects requiring demonstration are handled in labs for better

teaching. Seminars/Guest lecturesarearrangedfor the better understanding of the course.Industrial visits are arranged for the students apart from permitting to attendIn-Plant Training and Industrial Internship. Class committee meeting is conducted tomonitorthe progress of theory and laboratory courses in line with lesson plans. Remote access to e Journals and e-Books is available to all students and teachers, apart from using DELNETin our library.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	chrome-extension://efaidnbmnnnibpcajpcglclef indmkaj/https://igceng.com/naac/c1/1_1_1_civ il_2022-2023.pdf

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

n the beginning of every semester, based on the academic schedule released by Anna University, academic calendar is prepared and disseminated to our students and teachers. Academic schedule consists of commencement of induction programme, commencement of classes, last working day, test dates, attendance entry dates, University practical and theory exam dates. In order to ensure the conduct of required number of working days, some specific working days on Saturdays will also be mentioned. The re-opening day for the subsequent semester will also be mentioned to enable planning accordingly. The academic schedule shall be released separately for UG higher semesters, UG first year, PG higher semesters and PG first year, due to variation in admission dates. Academic calendar consists of all the details as mentioned in academic schedule and other information like meetings, events, celebrations, observations,programmes and functions. The academic calendar will be placed in all the department notice boards and also in our college website. Three Unit tests and two model examinationsfor theory courses and one model practical exam are conducted before university examination.Unit test will be conducted for one and a half hours and model exam for three hours. Absentees and failures have to write retest.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://igceng.com/naac/c1/1_1_1_civil_2022-2023.pdf

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University	**B. Any 3 of the above**

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	[View File](#)
Any additional information	[View File](#)

1.2 - Academic Flexibility

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

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

11

File Description	Documents
Any additional information	[View File](#)
Minutes of relevant Academic Council/ BOS meetings	**No File Uploaded**
Institutional data in prescribed format (Data Template)	[View File](#)

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

16

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

561

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

1.3 - Curriculum Enrichment

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

Gender Women empowerment cell is functioning for the welfare of lady teachers and students. The cell arranges programmes to promote leadership qualities in women. Equal opportunities are given for both genders in admissions,employment, training programmes, sports,cultural andmembers of various clubs associated with academic, co-curricular and extra-curricular activities. Environment & Sustainability "OCE551 - Air pollution & Control Engineering" is offered to impart knowledge on Environment and its preservation. Awareness on sustainability on environment is imparted in "CE6703 - Water Resources and Irrigation Engineering" & "EN8592 - Wastewater Engineering". To educate the relationships between nature and human practices, "GE-6351- Environmental science and Engineering" and "ME6003 - Renewable sources of Energy" is offered. Human Values and Professional Ethics "GE8076- Professional Ethics in Engineering" is

offered to create awareness on Human values and professional ethics. "MG8091-Entrepreneurship Development" is offered to learn the importance of ethics related to their social and professional life. Anti- Ragging Committee has been constituted to handle the issues pertaining to ragging. Consistent awareness given on the ill effects of ragging reported no case so far.

File Description	Documents
Any additional information	**No File Uploaded**
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

31

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	**No File Uploaded**
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	**No File Uploaded**
MoU's with relevant organizations for these courses, if any	**No File Uploaded**
Institutional Data in Prescribed Format	View File

1.3.3 - Number of students undertaking project work/field work/ internships

411

File Description	Documents
Any additional information	**No File Uploaded**
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	[View File](#)

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	**A. All of the above**

File Description	Documents
URL for stakeholder feedback report	[chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://igceng.com/naac/c6/6.5.1a.pdf](#)
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	**No File Uploaded**
Any additional information	[View File](#)

1.4.2 - Feedback process of the Institution may be classified as follows	**A. Feedback collected, analyzed and action taken and feedback available on website**

File Description	Documents
Upload any additional information	**No File Uploaded**
URL for feedback report	[https://igceng.com/naac/c6/6.5.1a.pdf](#)

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

271

File Description	Documents
Any additional information	**No File Uploaded**
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

252

File Description	Documents
Any additional information	**No File Uploaded**
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

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

Bridge Course:The institution invites experts, academicians, industrialists, psychologists, activists, Doctors, Social workers to address the students to impart soft and life skills. So bridge courses are quite important in a student's academic life, andit is essential to make them attend them for a better understanding of their future prospects and goals. Advanced and slow learners: Advanced and slow learners will be decided based on the internal tests. Advanced learners shall be trained on English proficiency, communication skills, mock interview, group discussions and aptitude. Slow learners have to study for half an hour and should write the test for next half an hour. Co-curricular and extra-curricular activities : Students are encouraged to participate in workshops, symposiums, seminars, sports, games, cultural conducted by other institutions to widen their knowledge and to develop skills. They also organize such programme in our College to learn event management and to be versatile. Mentor System Mentor and mentees shall meet on every Friday to discuss various happenings in our College. Requests, grievances, appreciations, feedbacks given by the mentees shall be submitted to the Principal for further action. Weekly Attendance Class Coordinator prepares weekly attendance

status of the students and gets signature from all the students. This initiates our students to attend the classes regularly and learn Engineering-the way it has to be and to avoid lack of attendance at the end of the semester.

File Description	Documents
Paste link for additional information	https://igceng.com/naac/c1/1_2_1_EVIDENCEOFCOURSE_MARKSHEET.pdf
Upload any additional information	**No File Uploaded**

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

Number of Students	Number of Teachers
670	**91**

File Description	Documents
Any additional information	**No File Uploaded**

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

1. Internships: Our students go for internships to acquire the real time exposure through "Learn while Doing". They understand the basic framework of industry, its applications and could visualize the corporate expectations to face the challenges with courage. 2. DELNET: The students could make use of DELNET, the online digital form of learning and remote access facility is also enabled to maximize the use. 3. Language lab: Our language lab is well equipped with necessary computers, software, head phones, etc to enhance the communication skills of our students. 4. MoUs: MOUs with industries enhance transfer of knowledge for students and teachers. The industry experts address our students to share their experiences and insights. Our students also visit the industries to learn the industry expectations. 5. Technical Aptitude Training Session (TATS): TATS is incorporated in time table itself. Aptitude, Group discussion, logical and verbal reasoning, is conducted to prepare the students for competitive exams and placements.6. Industrial Visit: Industrial visits are arranged once in a year to gain

practical knowledge and to understand industrial scenario and improve their employability skills. 7. Project work: Students are encouraged to understand and implement the current trends of their respective domain in their project work and publish the same in reputed journals.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional information	https://igceng.com/naac/c2/2.3.1.pdf

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

LCD Projectors: Power point presentations are prepared to teach Engineering concept by means of pictures. Single picture is equal to hundred words. Moreover, different perceptions of a picture can be shown to make the students understand even better. Smart Board Single video is equal to 100 pictures. Videos explaining the basic concepts are screened to students to understand better. Smart Board facilitates specific marking and highlighting on the screen. Simulations Faculty members motivates the students to perform simulations in the form of giving real time exercises through which the students would easily comprehend the gist of the subject content through "Learn by Doing" mode of delivery which has reaped tremendous interest amidstthe students. You Tube Channel YouTube channels are started by all the departments to upload videos to explain Engineering concepts by our faculty members for our students. Interactive Software Learning English and improving communication skills are made possible by interactive software available in 'Communication Skills Lab'. The software could connect the students by means of hardware devices like mike and head phones. DELNET DELNET is available in our Library which could be accessed by remote also by our students and teachers. NPTEL Students and teachers actively involved in attending and attaining NPTEL certification. Naan Mudhalvan Tamilnadu State Government has been conducted Value Added Course for all Students and teachers actively involved get knowledge fromvarious Aspects.

File Description	Documents
Upload any additional information	**No File Uploaded**
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	**No File Uploaded**

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

2.3.3.1 - Number of mentors

91

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	[View File](#)
Circulars pertaining to assigning mentors to mentees	**No File Uploaded**
Mentor/mentee ratio	**No File Uploaded**

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

91

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	[View File](#)
Any additional information	**No File Uploaded**
List of the faculty members authenticated by the Head of HEI	[View File](#)

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

22

File Description	Documents
Any additional information	**No File Uploaded**
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	[View File](#)

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

2.4.3.1 - Total experience of full-time teachers

8

File Description	Documents
Any additional information	**No File Uploaded**
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	[View File](#)

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The schedule of all Internal Assessments viz., Unit 1, Unit 2, Model 1, Unit 4, Model 2 are mentioned in the academic calendar. Question banks comprising of University questions with answers are prepared and distributed to our students. The key points considered for the evaluation are prepared and discussed before every exam. Important and frequently asked questions are prepared for our students. Repeated questions of previous University exams are compiled for our students. Twisted questions asked in the previous University examinations are notified and the methods of solving such questions are discussed. The students can view their attendance and internal exam marks in a separate student login available in COE web portal. Each Class Coordinator prepares a weekly attendance of the students in order to make their attendance status transparent by getting signature from every student and also displayed on the department notice board. During 'Parents Meeting' conducted once in a semester, academic test, general performance and attendance details of their wards are discussed. Slow learners are given special attention in which special coaching on specific topics are taught on one to one

basis, followed by conducting tests on these topics.

File Description	Documents
Any additional information	**No File Uploaded**
Link for additional information	https://igceng.com/naac/c2/2_5_1_ASSESSMENT%20AND%20GRIEVANCES.pdf

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

Internal Assessment: Assessment forms a part of a continuous evaluation system conducted through Class Tests, Tutorials, Assignments, Projects and Presentations. Theseconstitute an integral part of Internal Examination which is carried out in a well-planned and systematic manner. The institution has a well-defined system in place to deal with examination related grievances. The faculty addresses the rightful grievances of the students pertaining to the marks obtained in the internal assessment. The evaluated papers related to internal examination consisting of class tests, assignments, projects, etc. are returned to students with detailed remarks and suggestions for improvement. Any query of students regarding the feedback and evaluation is thoroughly addressed by the respective teachers. Exam Hall plan: Exam Hall plan constituting the seating arrangements of the students are displayed in all notice boards and a person from Exam cell shall help the students to identify their allotted halls. Mechanism for counseling the students: The Mentor analyzes all the factors that affects the student and provide solution to relieve the stress of the students. Exam and Absenteeism message to parents: Class Co-ordinator informs the details about the exam schedule and absenteeism to their parents through phone call/message. Feedback mechanism: Exam feedbacks are received immediately after exam from the students and teachers submits question paper feedback to exam cell. Page 28/7

File Description	Documents
Any additional information	**No File Uploaded**
Link for additional information	https://igceng.com/naac/c2/2_5_1_ASSESSMENT%20AND%20GRIEVANCES.pdf

2.6 - Student Performance and Learning Outcomes

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

Programme outcomes (PO) and Course Outcomes (CO) are framed by our affiliating Anna University, which are available in our College website, department laboratories, HOD cabin, staff rooms, notice board and library to make our students and teachers familiar about PO and CO. In the beginning of every semester, PO and CO of all the courses are explained to our students, including lab course. Moreover, PO and CO are clearly given in our prepared lab manual for our students to be familiar with these technical terms with respect to their curriculum. They are made clear about the purpose of studying the course and the importance in their career and possibilities of performing projects using the knowledge of that course. Teachers are readily sent to the seminars/workshops explaining the concepts of PO, PSO, CO and its mapping conducted by other institutions. The participated teachers are insisted to prepare a power point presentation to explain the concepts explained in the workshop to other teachers who have not attended the programme. The students are aware of the outcome of the course such as capability to solve problems on their own, capability to understand the description of a machine, capability to design, analyze and to conclude, capability to derive equations, capability of understanding the effects of input parameters on the outputparameters.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	https://igceng.com/naac/c2/2.6.1.pdf
Upload COs for all Programmes (exemplars from Glossary)	No File Uploaded

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

1.Performance in each course of study shall be evaluated based on (i) Continuous Internal Assessment (CIA) throughout the semester and (ii) University examination at the end of the semester. 2. Each course, both theory and practical including project work are evaluated for a maximum of 100 marks. 3. CIA carry 20 marks and University examination carry 80 marks. 4. Industrial training and seminar carry 100 marks and shall be evaluated through internal assessment only. 5. Internal and external examiners shall be appointed by the Controller of Examinations for University exams. 6. For calculating theory internal marks, three tests each carrying 100 marks shall be conducted during the semester by the College which is proportionately reduced to 20 marks. 7. For calculating lab internal

marks, evaluation is based on completion of prescribed exercises and record submission followed by Model practical test which constitutes20 marks. 8. Internal Assessment Tests are conducted twice a semester and each of them covers the evaluation of all the relevant COs attainment. 9. For evaluating Project work, review committee shall conduct three reviews during the semester for internal marks and a team of Internal and External examiner appointed by the University shall evaluate for University exam as detailed below:Review I Review II Review III End Semester Examination Thesis submission (30) Viva-Voce (50) Internal External Internal External Supervisor 5 7.5 7.5 15 15 15 20 15

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	https://igceng.com/naac/c2/2.6.2.pdf

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

89

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

https://igceng.com/naac/criteria-2.php

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

849600

File Description	Documents
Any additional information	**No File Uploaded**
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

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

3.1.2.1 - Number of teachers recognized as research guides

1

File Description	Documents
Any additional information	**No File Uploaded**
Institutional data in prescribed format	View File

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

30849600

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
Paste link to funding agency website	https://assessmentonline.naac.gov.in/storage/app/hei/SSR/106724/3.1.1_1711636304_14113.pdf

3.2 - Innovation Ecosystem

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

Research & Development CellComputer Science and Engineering department of our college is recognized as 'Research Centre' by Anna University. Through R & D cell, every month, the Institution organizesResearch Oriented Programmes like Seminar,to motivate the faculty members to write research projects to fundingagencies like DRDO, DST, AICTE, SERB, etc. Entrepreneurship Development Cell (EDC) EDC is effectively functioning by signingan MoU with Trichy District Tiny and Small Scale Industries Association (TIDITSSIA), which kindle the young minds to think about entering in to their own business. Intellectual Property Rights (IPR) Awareness on IPR is given to all our students and faculty members. We have also received IPR award from Anna University, Chennai. Tamil Nadu State Council for Science & Technology (TNSCST) TNSCST is granting Rs.7,500/- per project for students every year. Our students from all the departments have applied and received funds to do their project. Collaborations: College has signed MOUs with few industries to promote real-time project development. Center of Excellences: Centre of Excellence as one per departmentis planned. Innovations Innovation Council: IICengages faculty andstudents in various innovation and entrepreneurship related activities likeideation, Problem solving, Concept development, Design Thinking, IPR, project management.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://igceng.com/naac/c3/3_2_1.pdf

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

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

19

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

1

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	No File Uploaded

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

12

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

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

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

370

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

3.4 - Extension Activities

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

The students and teachers of our colleges are socially conscious and we have clubs to educate students on the importance of becoming a socially responsible individual. 1. Saplings plantation programs are conducted within the campus and nearby villages. It is our custom to plant saplings during any of our programs or events organized in our college. 2. As a part of Swach Bharat scheme, NSS and YRC organize camps to clean temples, streets and schools. YRC conducts medical camp to nearby village people. 3. Rotaract club of our college organized Voter awareness program for new voters to perform their duty. 4. Blood donation camps are arranged twice in a year for Government Hospital, Trichy. More than 100 students and teachers voluntarily donate their blood in August and February every year. 5. Awareness program on higher education for rural students are arranged every year to promote the importance and benefits of higher education in nearby villages.Corona Vaccination Camps were arranged for the public during COVID period.

File Description	Documents
Paste link for additional information	https://igceng.com/naac/c3/3.4.1.pdf
Upload any additional information	View File

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

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

2

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	View File

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

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., during the year

28

File Description	Documents
Reports of the event organized	View File
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in

collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

919

File Description	Documents
Report of the event	**No File Uploaded**
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

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

11

File Description	Documents
e-copies of related Document	View File
Any additional information	**No File Uploaded**
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

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

11

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	**No File Uploaded**
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

Classrooms and Seminar Halls The college has 48 classrooms for all the programs offered in which 38 classrooms are provided with LCD projectors. auditorium and seminar halls are used to conduct seminars, workshops, symposiums etc. Laboratories All the departments are fully equipped with latest equipments as per the curriculum. Every department has got their own computing facility with latest software to meet their own academic requirements, project works and research activity. Computing Equipment Internet facility with 50 Mbps speed is available for 471 computers and 5 servers with specialized softwares with LAN/Wi-Ficonnection. Exam Cell Exam cell serves all examination notices received from university. The cell prepares circulars regarding exam dates, notification of web portal, exam fee collection. Training and Placement Cell Training and placement cell, functions to impart training and placement opportunities for the prospective students.Library The College has 33492 volumes and 9600 titles of books. e Journals and e-Books are available in DELNET which are made remote access to students and teachers. Facilities for the disabled students The campus has ramp and lift facilities to enable differently-abled students to reach wherever they want. Scribe facility is also provided for the demanding students. Transport 15 buses are operated to cater the needs of students and teachers. One ambulance is also available.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://igceng.com/naac/c4/4_1_1_physicalfacilities.pdf

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

Sports and Games Five play grounds are available. 1. Sachin ground: 515.09 X 347.769 = 1,79, 132 sq.ft 2. Thaila ground: 446.194 X 485.564 = 2,16,655 sq.ft 3. Ganesh ground: 400.000 X 269.029 = 1,07, 611 sq.ft 4. Ball Badminton: 104.987 X 111.549 = 11,711 sq.ft 5. Shuttle Badminton: 65.6168 X 131.234 = 8,611 sq.ft Yoga Centre Yoga center at an area of 400 sq.ft is available with carpet. Experienced trainers in Yoga are invited to train our students and faculty members. Every year, 21st June is celebrated as International Yoga Day to create awareness among the students and also shall participate in public gathering organized by Central Government. GymnasiumA dedicated Gymnasium at an area of 1,536 sq,ft is available for men and women separately. Various equipments available in the gym are tread mill, step mill, Barbell bench, Decline barbell bench, Barbell with handle, Skipping rope, AB Board and gym plates with dumber. Cultural Activities Every year, the College celebrates "IGNITE" – Annual and Cultural day at the end of the academic year. The main aim is to showcase the student's multi-talents such as singing, dancing, mime, drama, speech, poetry etc. Every year Pongal festival is celebrated, in which students shall involve in Rangoli, Pongal preparation and fun games like "Uri Adi". File Description Document

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://igceng.com/facilities/sports-and-fitness.php

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

43

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://igceng.com/naac/c4/4_1_1_physicalfacilities.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

1404356200

File Description	Documents
Upload any additional information	**No File Uploaded**
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template	View File

4.2 - Library as a Learning Resource

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

Name of ILMS software : Modern LIB Nature of automation (fully or partially) : Fully automated Version : 2012 Year of Automation : 2015

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://igceng.com/facilities/Library/ejournals.php#

| **4.2.2 - The institution has subscription for the** | **A. Any 4 or more of the above** |

following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources	

File Description	Documents
Upload any additional information	**No File Uploaded**
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

18

File Description	Documents
Any additional information	**No File Uploaded**
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

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

625

File Description	Documents
Any additional information	**No File Uploaded**
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

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

All the computers are connected withLAN/Wi-Fi of50 Mbps bandwidth

with 50 Mbps speed Leased Line provided by SWIBI Internet Service Provider. Ethernet switches are provided over the campus for internet and intranet connectivity. The college has 5 Wi-Fi hotspots, 471 computers and 5 servers. IT team takes care hardware and networking, website designing and hosting, e-mail solutions, SMS solutions etc. Free and Open Source software that are recommended by AICTE are used. However the institution haslicenses for the following proprietary software such as MATLAB, STAAD-PRO, AUTO-CAD etc. Wi-Fi Device Name: Nano Station m2 version. The institute has a 24X7 Wi-Fi facility with firewall, MicroTik installed to prevent illegal access of internet. Microtik network security appliances include multiple features like Firewall, VPN,, Gateway Anti-Virus, Anti-Spyware & Anti-Spam, IPS, Content &Application Filtering, Web Application Firewall, Application Visibility & Control, Bandwidth Management, Multiple Link Management, over a single platform. It offers complete visibility to monitor the applications being accessed by the users inside the campus irrespective of the ports and protocols. Remote access to DELNET resources such as e-Journals and e-Books are available for students and faculty members. Biometric system of attendance registration for faculty members is enabled.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://igceng.com/naac/c4/4_3_1_itfacility.pdf

4.3.2 - Number of Computers

521

File Description	Documents
Upload any additional information	No File Uploaded
List of Computers	[View File](#)

4.3.3 - Bandwidth of internet connection in the Institution	E. < 5MBPS

File Description	Documents
Upload any additional Information	**No File Uploaded**
Details of available bandwidth of internet connection in the Institution	**No File Uploaded**

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

1404356200

File Description	Documents
Upload any additional information	**No File Uploaded**
Audited statements of accounts	<u>View File</u>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<u>View File</u>

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.

Physical facilities: Service and maintenance registers are maintained by Estate officer, Supervisor, Floor Incharges, Electrician and house-keeping team to take care of repairing, wiring, painting, carpentry, plumbing, housekeeping.. Laboratories: All the departments maintain stock register, consumables register and service register. New equipments, comparative statement, erection, demonstration and payment are the procedure. Every year, interdepartmental stock verification is done. Computers The Computers are maintained by Technical Assistants, System Administrator and Lab in-charges. To protect the computers from malware and virus, anti-virus software is regularly updated throughout the campus. Library ILMS software is used. Students and teachers are provided with library cards with unique identification number for lending books. The accession register, book issuing records, gate entry registration are followed. Sports & Games Stock register is maintained for sports equipemnts.The play equipments

provided to the students are entered in movementregister.

RO Water Supply and Electrical Maintenance Type Capacity Name of the company Generator for Power supply 125 KVA Cummins RO Plants 3000 lit. Aqua tech UPS 600 VA- 30 KVA Delta, Emerson Garden Maintenance Plants and vegetables grown and maintained by our gardeners in our campus are used for cooking food in the Hostel Mess. Campus cleaning, tree plantation are conducted under social activities clublike NSS, YRC

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://igceng.com/naac/criteria-4.php

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

547

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	**No File Uploaded**
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

0

File Description	Documents
Upload any additional information	**No File Uploaded**
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	**No File Uploaded**

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills	**A. All of the above**

File Description	Documents
Link to Institutional website	chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://igceng.com/naac/c5/5_1_2_skills.pdf
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

595

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

670

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees	`B. Any 3 of the above`

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	[View File](#)
Upload any additional information	**No File Uploaded**
Details of student grievances including sexual harassment and ragging cases	[View File](#)

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

89

File Description	Documents
Self-attested list of students placed	[View File](#)
Upload any additional information	[View File](#)
Details of student placement during the year (Data Template)	[View File](#)

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

0

File Description	Documents
Upload supporting data for student/alumni	**No File Uploaded**
Any additional information	**No File Uploaded**
Details of student progression to higher education	**No File Uploaded**

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

0

File Description	Documents
Upload supporting data for the same	**No File Uploaded**
Any additional information	**No File Uploaded**
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	**No File Uploaded**

5.3 - Student Participation and Activities

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

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

31

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	**No File Uploaded**
Number of awards/medals for outstanding performance in sports/cultural activities at univer sity/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

Our college provides opportunities for the students to participate in academic and administrative committees such as Internal Quality Assurance Cell, Student Welfare Council, Class Committee, DepartmentAssociation and Anti-ragging committee. The Students members of these committees provide valuable suggestions. The association of each department selects student representatives as office bearers such as President, Secretary, Treasurer and Executive members. They coordinate with all the other students to conduct association activities such as symposium, intra department contests, Engineer's day celebration etc. The institution has student welfare council. The students of cultural committee organize cultural activities, Annual Day -'IGNITE", Pongal celebrations, Independence day and Republic day celebrations in the institution. Every year, during "SPARK" programme (A bridge course for first year students), senior students handle a session in which they motivate and encourage the first year students. Students actively participate in social activities and extension activities such as NSS, YRC, Rotaract Club. Through these clubs, Blood donation camp, Tree plantation, Organ donation camp, Free medical camp, Yoga training, Dengue awareness programme, Flood relief camp, COVID free lunch distribution were conducted. The Student volunteers launched a clean campaign by setting up dustbins over the entire college campus and created awareness among everyone.

File Description	Documents
Paste link for additional information	chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://igceng.com/naac/c5/5_3_2_ssR.pdf
Upload any additional information	**No File Uploaded**

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

60

File Description	Documents
Report of the event	View File
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

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

"Indra Ganesan College of Engineering Alumni Nest (IGCEAN)" our Alumni Association,provides a good opportunity to maintain a prolonged relationship among the alumni, faculty and the students of the institution. Every year alumni meet is conducted in the institution on the convenient date decided by the association head.A dedicated registration application is given to alumni for official registration which is also available in our College website. Apart from regular alumni meet, our alumni frequently visit the Institution and contribute themselves for the betterment of our students in the following ways: 1. Our alumni contribute financially during registration. 2. Our alumni are invited as chief guests for the events such as association inauguration and technical

symposiums. 3. Alumni share their experience in the field of their association and awarenessabout the current job opportunities and current industry scenario to our students. 4. Alumni association conducts guest lecture, seminar, and workshops for our students 5. Our alumni, Mr.Arun Balaji working HRM in JD Soft Private Limited, Chennai, consistently recruit his juniors in his company. 6. Our alumni Ms.R.Nandhini, Alumni 2015-2019 Batch - ECE- Working in TCS is one of the members in our IQAC. 7. Alumni working in our college are: Mrs.Sugashini/CSE, Ms.Jenifer/CSE, Ms.Suganya/CSE, Ms.Revathi/CSE, Mrs.Kokila/ ECE, Mrs.P.Jency Leena/ECE.

File Description	Documents
Paste link for additional information	chrome-extension://efaidnbmnnnibpcajpcglclef indmkaj/https://igceng.com/naac/c5/5_4_1_alu mnimeet.pdf
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)	**E. <1Lakhs**

File Description	Documents
Upload any additional information	**No File Uploaded**

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Indra Ganesan College of Engineering was established in the year 2008 and run by the Indra Ganesan Educational & Charitable Trust, with a moto to educate the rural students in Trichy district, with knowledge and skills to cater to the needs of the industry and the society at large.The institution started with 5 under graduate courses (Civil Engineering, Computer Science and Engineering, Electrical and Electronics Engineering and Electronics and Communication Engineering). It constantly upgrades itself and now offers, Mechanical Engineering, B.Tech Agriculture Engineering, Artificial Intelligence and Data Science, thus providing 8 under graduate courses and 3 post graduate courses, (Master of Business Administration, M. E - CSE & M. E - VLSI Design)and Ph.D in Computer Science. Each department frames its vision and mission in accordance

with the vision and mission of the institution. This leads to the streamlining of the objectives, and hence facilitates achieving the goals of the institution. Decentralized and participative management is implemented, and the faculty members are involved in the decision making process, implementation of the strategic plans and hence contribute for thegrowth of the organization.The institution constantly upgrades its standard and quality of service, by the effective functioning of the IQAC cell from the year 2019.

File Description	Documents
Paste link for additional information	https://assessmentonline.naac.gov.in/storage/app/hei/SSR/106724/6.1.1_1710606211_14113.pdf
Upload any additional information	**No File Uploaded**

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

Various ministries comprising of senior faculty members is constituted to decentralize and effectively manage the various mandatory works 1. Ministry of Planning & Development deals with Infrastructural development, Finance, budgeting, Governance and Staff Selection. 2. Ministry of Academics and R&D, monitors the regular academics and takes care of funding proposals, publications and Patents. 3. Ministry of IQAC & Accreditation, takes care of IQAC proceedings, NAAC, NBA and ranking. 4. Ministry of DoTE & Regular Activities, handles UG, PG approval process, timetable coordination, ICT tools, TATS, Special coaching class and co-curricular activities. 5. Ministry of Approval & admission deals with AICTE, AU approval process and admissions. 6. Ministry of T&P and Corporate Relations handles, Training and Placements, MoU, Resource persons for workshops, seminars and skill based trainings. 7. Ministry of Exam cell, Library & Discipline activities, in which COE related works, AU theory and practical exams, library and discipline activities are taken care. 8. Ministry of Extra-curricular activities and Extension activities deals with sports, cultural, and club activities. 9. Ministry of student affairs & scholarships, monitors the mentor system, class meeting, grievance redressal, Internal complaint cell, FG, PMSS, BC/MBC, Minorities and other scholarships. Cells and Committees are constituted with both teaching and non teaching members to enable effective functioning of the Institution.

File Description	Documents
Paste link for additional information	https://assessmentonline.naac.gov.in/storage/app/hei/SSR/106724/6.1.1_1710606211_14113.pdf
Upload any additional information	**No File Uploaded**

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The Strategic plan of the Institution is in corelation with the Vision and Mission of the institution. These are framed by collecting inputs from all the stake holders though the conduct of IQAC meetings and feedbacks. The Strategic Plans for the period 2021-2025: 1. Ensuring qulaity in all the process and strive for continous improvement. 2. To acquire NBA status for atleast three under graduate programmes. 3. Consistantly progress to aquire NIRF ranking. 4. To achieve A+ in NAAC. 5. To secure 12 (B) section of UGC Act, 1956. 6. To reduce the intake in B.E- Mechanical Engineering and B. E Electrical and Electronics Engineering and start programmes in the emerging areas like Cyber Security, Artificial Intelligence and Data Science, Robotics, Agricuture Engineering, Bio- Medical Engineering. 7. To strive to improve Industry interaction though MoUs and hence generate consultancy services. 8. To create one centre of Excellence lab with industry support for each department. 9. To submit project proposals to various funding agencies and receive grants from the agencies. 10. To increase publications in reputed journals. 11. To improve teaching learning process through the effective use of ICT tools. 12. To increase the student and faculty participation in professional developmental activities like attending conferences/ seminars/ workshops/ STTPs/ FDPs and othertraining programs.

File Description	Documents
Strategic Plan and deployment documents on the website	**No File Uploaded**
Paste link for additional information	https://igceng.com/naac/c6/6.2.1.pdf
Upload any additional information	**No File Uploaded**

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

Governing Council The Governing council of the college meets once in a year in order to discuss various development aspects of the college and reviews and approves the institution's strategic plans. Administrative Setup The Principal is responsible for all the academic and administrative activities including hostel and transport management. HoDs,monitors proper functioning of all classes, arranging guest lecture, seminars, workshops, conferences, curricular, co-curricular and extra-curricular activities. Teachers shall teach students both theory and practical, counseling, exam related works, mentor, maintaining discipline. The non-teaching members take care of labs, consumables purchase, service and maintenance of the equipments. The administrative staff members maintain accounts, scholarship details and fees details of the students. Cells & Committees Various cells and committees are formed to ensure the effective functioning of the institution. All these cells and committees, ensurethe smooth functioning of the institution. Recruitment and Promotion Policies For recruitment, advertisements aregiven in news papers, websites and social media.The applications are shortlisted and called for interview. The interview panel includes the Principal, HOD and senior teacher. Duly filled self-appraisal form of the faculty isverified by the HOD and forwardedto the Principal who recommendsfor promotion or increment after reveiwing.

File Description	Documents
Paste link for additional information	https://igceng.com/naac/c6/6.2.1.pdf
Link to Organogram of the institution webpage	https://igceng.com/about/organogram.php
Upload any additional information	**No File Uploaded**

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination	**A. All of the above**

File Description	Documents
ERP (Enterprise Resource Planning)Document	View File
Screen shots of user inter faces	View File
Any additional information	**No File Uploaded**
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

Teachers are encouraged and given 'OD DUTY' leave to attend FDP, Workshops and Conferences conducted by reputed institutions. 2. The registration fees to be paid for the above programs are borne by our college. 3. Teachers are encouraged to pursue Ph.D. in part time and required ODs are given for research related works. 4. Promotion / increments are given to staff members based on the self appraisal report submitted by our staff members every month. 5. Employee Provident Fund scheme is encouraged and implemented for our staff members. 6. 12 casual leaves per year and two one-hour permissions permonth are provided to faculty members. 7. Compensatory Leave is also given for working onholidays declared by the college. 8. Equal numbers of male and female candidates are recruited in various faculty positions. 9. Lady faculty members are given 'Maternity leave' for six months without affecting their continuous service. 10. Staff members are provided gifts and sweets during festivals like Deepvali, Pongal, Pooja, New Year etc. 11. Teachers with distinguished performances in academics, research and other activities are honoured with cash award and special certificates like 'IG STAR', 'IG Research Award', 'Maximum utilization of library' etc. 12. YOGA training is provide to all staff members once in a year.

File Description	Documents
Paste link for additional information	https://igceng.com/naac/c6/6.3.1.pdf
Upload any additional information	View File

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

65

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

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

4

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	**No File Uploaded**
Reports of Academic Staff College or similar centers	**No File Uploaded**
Upload any additional information	**No File Uploaded**
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

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

124

File Description	Documents
IQAC report summary	**No File Uploaded**
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	**No File Uploaded**
Upload any additional information	[View File](#)
Details of teachers attending professional development programmes during the year (Data Template)	[View File](#)

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

The Performance appraisal system of the teachings has the following attributes: Participatory and Innovative Teaching-Learning Methodologies Professional membership Skill updation through Conferences, Workshops, FacultyDevelopment Programmes Organizing programmes such as Seminar, Guest Lecture, Workshop, Conference, FDP Feedback from students, HOD and Principal Involvement in community service. Publications in Journals and conferences, Book Publications, NPTEL, SWAYAM Research activities including funding porposals Result produced in University Examination The Performance Appraisal system of the Non-teaching faculty has the following attributes: Knowledge on lab exercises, Service and maintenance of lab, Purchase of consumables Cleanliness of lab, Maintenance of stock registers and other files related to lab. Professional Competence that includes ability, creativity on the assigned tasks. Maintenance of files, records, completion of work on time etc. Attendance, punctuality, discipline and interaction with colleagues. The appraisal system is developed in such a way that it motivates to voluntarily involve themselves in each criterion to improve their individual scores. Personality traits such as attitude, punctuality, behavioral aspects, commitment, professional ethics, communication skills, relationship with the co-workers and students, written skills, supportiveness to the students etc are examined by the HOD.

File Description	Documents
Paste link for additional information	https://igceng.com/naac/c6/6_3_1_Selfappraisal.pdf
Upload any additional information	**No File Uploaded**

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Internal financial audit:The Budget proposedby HODs includes new lab installation,equipments purchase, infrastructure changes,stationery, funds for conducting workshops, seminars, guest lectures, conferences and other contingencies, which will be presented by the Principal before the Governing Council for approval. The various expenses incurred in the department areverified with the proposed budget by the accounts officer and the administrative officer. Then the bill will be submitted to the Principal for approval and passed on to the management for account maintenance. Internal audit on stocks maintained in the department is conducted every year by interchanging the faculty members for auditing. External financial audit: Our college has dedicated auditor to maintain the accounts as per Government norms, who is also one of the members in our Governing Council. Tax Deducted at Source (TDS), EPF payment, Professional Tax payment and other Government insisted payments will be verified by the Auditor. Dedicated ERP software is used by the accounts department and computerized receipts are given for any payments. Each and every transaction is supported by the vouchers and bills. Transparency in transactions for all the payments or collections is done by online payment, bank transactions, cheques and demand drafts. The purchase committee will decide the purchase of items based on the quality and cost comparison.

File Description	Documents
Paste link for additional information	https://igceng.com/naac/c6/6.4.pdf
Upload any additional information	**No File Uploaded**

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

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

794350

File Description	Documents
Annual statements of accounts	**No File Uploaded**
Any additional information	View File
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

The tuition fee prescribed by the Government of Tamil Nadu is collected from the students. 2. The First Graduate students admitted through TNEA counseling are eligible to avail 50% of the total fees as scholarship for all the four years which will directly credited to college bank account. 3. Full fee payment under Post-Matric Scholarship Scheme (PMSS) is applicable for all SC/ST/SCA students admitted under both Government Counseling and Consortium counseling. 4. Indirect income for the institution is received from students as hostel fee, transport fee, alumni registration and interest amount from fixed deposits. 5. Major part of the total income is spent as salary for the staff members. 6. Welfare schemes for our staff members are incentives, increments, ex-gratia and gifts. 7. Welfare schemes for our students, are expenses for resource persons for orientation programme, guest lecture, Chief guests, Training and Placement programme etc. 8. Fees for the students who are financially weak, but have good marks in the qualifying exam are paid by our Trust either partially or fully depending upon the payment capacity of their parents. 9. Maintenance expenses are building, lab, vehicle, hostel which includes renovations, painting, modernizing and beautifying. Vehicle maintenance includes service, Fitness certificate, Toll expenses etc. 10. Miscellaneous expenses are travelling, tax, auditing, insurance, internet, telephone, postages, electricity, advertisements, plantations, printing etc and othercontingencies.

File Description	Documents
Paste link for additional information	https://igceng.com/naac/c6/6.4.pdf
Upload any additional information	**No File Uploaded**

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

Functions/Contributions of IQAC: Periodic revision of IQAC members as per the guidelines provided by NAAC & UGC. Planning & monitoring all the processes and provides suggestions for continuous improvements where ever possible. Developing the Quality culture, within the organization. Conducting regular review meeting to check the implementations of all the activities planned. Ensuring decentralized and participative management by forming various cells and committees, and verifying its effective functioning. Collecting feedbacks from students and all the stake holders regularly and utilizing it for bridging the gap. Conducting IQAC meeting twice every year, for collecting the reviews from the various stake holders- Industry, Alumni, Parents, Students, Recruiters etc. use it for the strategic planning of the institution. Organizing inter and intra institutional workshops, seminars on themes related to quality and promotion of quality circles.

File Description	Documents
Paste link for additional information	https://igceng.com/naac/c6/6.5.1.pdf
Upload any additional information	View File

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

1. Academic Administrative Audit (AAA) CommitteeAll the plans and schedule preplanned before the commencement of a semester are subject to review at the end of the semester by the committee. The followings are reviewed and suitable suggestions or appreciations are given accordingly: 1. Course files of all the faculty members. 2. Students' attendance register 3. Various events organized by the department 4. Participation of students in co-curricular and extra curricular activities. 5. Internal assessment question papers, answer scripts and marks 6. Students' Progress report, Weekly attendance report, Parents meeting 7. Mentor file 8. Minutes of the meeting of the department 1. Result Analysis Review Board (RARB) RARB, consisting of Principal and all HODs reviews the performance of the students and gives suggestions for further improvement in the academic performance and quality of teaching. The functions of this board are 1. After every assessment, HODs present subject wise, class wise performance of their department. 2. Performance

comparison with the previous assessments is also presented. 3. If performance is poor, then necessary suggestions are discussed. 4. The students' attendance during Internal Assessments is also reviewed. 5. Every semester the results of University Examinations are reviewed and suggestions are given to improve the performanceof the students.

File Description	Documents
Paste link for additional information	https://igceng.com/naac/c6/6.5.2.pdf
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://igceng.com/naac/c6/6.5.2.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

Gender Sensitization Institution has committees for the sensitization of gender such as Women Empowerment Cell, Prevention of Sexual Harassment (POSH) Cell, Anti ragging Committee, Internal Complaint Cell, and Grievance Redressed Committee. Programs on women

empowernment, legal awareness were conducted. Safety and Security CCTV camera is installed in relevant places and dedicated out pass is in practice, with thepermission of HOD and Principal.Hospital facility, First aid box, fire alarm and fire extinguisher are provided. Counseling Each mentor has 10-12 students and specific issues related to menteeare identified and resolved. Every Friday, mentor-mentee meeting isconducted which helps to resolveissues like stage fear, inferiority complex, depression and other personal issues. Common Room Our college has separate common room both for girls and boys,having essential facilities like first aid box, cot, mirror etc. Napkin incinerator is kept in girls rest room.

File Description	Documents
Annual gender sensitization action plan	https://igceng.com/naac/c7/7_1_1.pdf
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://igceng.com/naac/c7/7_1_1.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment	A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

Solid Waste Management Solid waste management means collecting, transporting, processing, recycling and monitoring of the waste materials. Solid waste such as food materials left out and papers in various forms are collected on a daily basis from class rooms, staff rooms, laboratories, canteen, etc. Biodegradable wastes are collected and dumped in pits excavated for this purpose inside the

campus and allowed to decompose and used as manure for gardening. The recyclable wastes are collected and supplied to the local recycling vendors. Sanitary napkins are disposed of using incineration process. Liquid Waste Management Liquid wastes mainly consist of waste water from kitchen, hostel, bath rooms and laboratories. The solid material present in the silage is mechanically removed through metal screening. The remaining water is diverted to the nearby garden and field. Waste water Recycling The contaminant water filtered out from the treated water from our RO plant is diverted to our nearby garden and field. E-waste Management The computers, printers, laboratory equipment etc. are periodically serviced and maintained properly. Once sufficient quantities of e wastes are collected, it will be sold periodically to authorized vendors. Some parts capable of working are collected and assembledto recreate into a working system.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus | A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: | A. Any 4 or All of the above

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways

4. Ban on use of plastic
5. Landscaping

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	No File Uploaded

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	C. Any 2 of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	View File

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading	A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	[View File](#)
Policy documents and information brochures on the support to be provided	**No File Uploaded**
Details of the Software procured for providing the assistance	**No File Uploaded**
Any other relevant information	**No File Uploaded**

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

Developing good attitude, social and public behavior areinculcated among students by theprogram on "Attitude" on 20.02.2022 2. Blood donation is organized twice in a year for our Government hospitals to develop the habit of helping people who are in medical need on 09.10.2021 3. Tree plantation is being practiced in all possible programs as the first agenda to inculcate the awareness on maintaining green environment on 27.12.2021 4. Cultural programs are organized during annual day and other festival times to explore and develop students' talents. 5. Road side awareness program conducted by students on 12.01.2022. 6. A session on "Higher education to plus two students" is conducted every year for our nearby village students to give awareness on various courses available and its prospects, including scholarships availability. 7. Pongal festival, Pooja festival and other regional festivals are celebrated to impart the importance such festivals. 8. Blood donation is organized twice in a year for our Government hospitals to develop the habit of helping people who are in medical need on 23.02.2022 9. More than 10 COVID awareness and vaccination camps are organized for our students, teachers and our nearby people on 09.06.2021 10. Cleanliness, health and hygiene awareness Program on 17.06.2021 11. World water day program on 22.03.2022.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View File](#)
Any other relevant information	**No File Uploaded**

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

A session on "Attitude" is addressed to our students to impart the benefits of studies, effects of being uneducated, social and public behavior. 2. During bridge course, legal awareness, bank loans, scholarships, health and hygiene, fire and safety, Human values and ethics, Environment sustainability are imparted by various resource persons.Students are compulsorily invited to attend and participate in Independence day and Republic day events such as march past, patriotic songs, patriotic poetry, remembering national leaders, knowledge about our constitution delivered by the Chief Guest. 4. Students are involved in saplings plantation whenever done inside and outside our college. 5. Free lunch distribution for poor people during COVID pandemic lockdown period, flood relief materials collection and distribution works, blood donation camps are involved by our students 6. Environmental Engineering, Professional ethics, Air Pollution, Waste water management are some of the courses taught to the students. 7. Students remember and pay homage to Jawans and Army officials died during their duty by lighting the candles, showering flowers and placing banners. 8. Voter's awareness rally is conducted to promote 100% voting and impart the importance of performing the constitutional duty.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://igceng.com/naac/c7/7_1_4.pdf
Any other relevant information	https://igceng.com/naac/c7/7_1_4.pdf

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized	A. All of the above

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	No File Uploaded

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

Dr. APJ Abdul Kalam's birth anniversary celebrated on 15th October every year. On this day, students take oath and his famous, life changing quotes were uttered by students one by one followed by saplings plantations and variety programs 2. Our students organize teacher's day celebration on 5th September on every year. They invite and honor them by presenting them with gifts and greeting cards. Cultural programmes will be staged by students to honour the teachers. 3. Gandhi Jayanti is celebrated on 2nd October every year. Students will disguise the physical appearance of Mahatma Gandhi for kind remembrance and his significant role in Indian independence will be delivered as speech. 4. Our students celebrates Independence Day and Republic day by hoisting our National flag followed by special events such as Patriotic song, dance and poetry. Army officers, Police Officers and doctors are invited as Chief Guest. 5. Engineers' Day is celebrated on 15thSeptember every year with student's speech on "BharathRathna" Sir M Visvesvaraya, who was the first Engineer of our nation. On this day, competitions such as Technical Quiz, Essay writing and Elocution are conducted. 6. The students pay their homage army officials who sacrifice their lives for the well being and calmness of the country.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

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

Best Practice-1 1. Title of the Practice: Skill based training 1. Objectives of the Practice 1. To identify various passions and skills among students 2. To segregate quick learners and slow learners 3. To cater the needs of the students 4. To train the students in all possible aspects to be readily employable 5. To make the students to get pass marks and get degree comfortably Best Practice-2 : Title of the Practice:Standard formats for all requirements 1. Objectives of the Practice 1. To maintain uniform format and procedure 2. To develop discipline in record maintenance 3. To inculcate the habit of following a standard procedure 4. To educate the way of creating a format for any requirement 5. To indirectly educate the practice of writing in good English

File Description	Documents
Best practices in the Institutional website	https://igceng.com/naac/c7/7_2_1_Bestpractices_bestpractices.pdf
Any other relevant information	https://igceng.com/naac/c7/7_2_1_Bestpractices_bestpractices.pdf

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

Our "Strategy of Coaching" is the one of the areas distinctive to our priority and thrust. 1. Bridge course is conducted on English proficiency, Communication skills, Attitude, Health and Hygiene, Fire & Safety, Police rules, Scholarship details, Banking loan details, developing memory, Motivation to studyand importance of studies. 2. Spoken English is imparted during the last period on daily basis. 3. Teachers handling first period in a day shall explain the meaning of English word to improve students' vocabulary 4. Students are encouraged to participate in stage events to get rid of stage fear and improve communication skills. 5. Industrial visits are arranged once in a year to understand the industrial scenario. 6. Students shall attend workshops conducted by other colleges to develop their technical knowledge, observe presentation and communication skills. 7. Special Coaching Class for Slow learners and Co-Curricular Activities for quick learners are our successful

initiatives. 8. Vigorous coaching is given before all University exams. 9. Coaching is given even for arrear papers improved our graduates' percentage. 10. The practice of internal squad duty for our internal test resulted in zero malpractices reported in University exams. 11. Do's and Don'ts and exam myths are very clearly explained to the I Year students every year by the Principal.

File Description	Documents
Appropriate web in the Institutional website	**No File Uploaded**
Any other relevant information	[View File](#)

7.3.2 - Plan of action for the next academic year

Action Plan for Next Academic Year S.No Programme Date 1 Independence Day Celebrations 15.08.2022 2 Teachers Day Celebrations 05.09.2022 3 Engineers Day Celebrations 15.09.2021 4 Pooja Celebration 01.10.2022 5 Sampling Plantation

15.10.2022 6 10th Graduation Day 29.10.2022 7 Republic day 26.01.2023 8 Sports Day 03.03.2023 9 Women day 08.03.2023 10 Annual Day 17.03.2023