SELF STUDY REPORT

FOR

3rd CYCLE OF ACCREDITATION

ARUNAI ENGINEERING COLLEGE

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606603
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Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Arunai Engineering College (AEC), a Co-Educational institution was established in the year 1993 under Saraswathi Ammal Educational Trust in Tiruvannamalai, a rural area of Tamilnadu with an intention of providing access to higher education for the people of this part. The college is spread out on serene sylvan settings on the Chittor - Cuddalore national highway, providing a holistic environment, ideal for dedicated study with discipline, away from the hustle and bustle of the modern cities. The serene spiritual atmosphere at AEC helps an individual to discover him/her and the contribution he/she can make to the world. We, at Arunai Engineering College, strive to bring out and enlighten the hidden technical skills and abilities of youth with highest quality technical education and proper discipline.

AEC is approved by AICTE, affiliated to Anna University and recognized by the UGC act of 1956 u/s 2(f) and under section 12(B) in the year 2013. The College was accredited by NAAC with 'A' Grade in the year 2015 and B+ in the year 2022, and certified for Quality Management System by DNV, Netherlands under ISO 9001:2015 standards.

The College offers Eight Under-Graduate Engineering programs, Seven Post-graduate programs and 3 Doctoral Programs. The institution has student's strength of 3470 as on today and staff strength of 172.

The teaching-learning process in the college is essentially student-centric with an emphasis on overall, holistic development of student community. The teaching-learning process is fortified by ICT facilities, updating the library resources with successful mentoring system in place. Our students bag university ranks every year.

Today, the institution has shown immense and magnificent infrastructural growth on a spanning area of 31. 50 acres with a built-up area of 35000 sq.m. for instructional and administrative buildings, 46,000 sq.m. for amenities, and 20,500 sq.m. for playgrounds, The College building sits on a campus measuring 2.025 acres with a built area of 9925.97sq.mts. It has spacious lecture halls, ICT enabled Smart rooms, Tutorial rooms. Well-equipped Laboratories, English language labs, Computer labs, Open Air Auditorium, Air-conditioned Seminar halls, Common Room, Sports and Gymnasium. There is also a cafeteria, a general store, Bank, Post office, ATM, Temple and Dispensary.

Vision

We, Shape and Transform youth with utmost care, innovative and dedicated service for the cause of morals and Education – A Deal which needs no applauses but our products are our ambassadors.

Mission

We, at Arunai Engineering College, will bring out and enlighten the hidden technical skills and abilities of youth with highest quality technical education and proper discipline.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

Good Physical Infrastructure Facilities

Commitment of Management

Qualified, vibrant and dedicated faculties

Good Educational System to cater the needs of different sections of the society

Conducive learning environment

Motivational incentives for staffs and students

Strong Learning resources

Cordial interpersonal relationship with all stakeholders

Vibrant Co-curricular and extracurricular culture

ISO 9001:2015 certification

NAAC accreditation since 2009

Good mix of experienced and young faculty members

Well established supporting units like NSS, YRC, Etc.,

Memberships in Professional bodies

Motivation to faculties by awarding them with Appreciation awards in Achiever's day

Motivation to faculties by awarding them with best faculty awards in Annual day function

Providing platform like conferences, seminars, symposiums, workshops to enhance the knowledge of students

Placement guidance to students through Training and Placement cell

Institutional Weakness

Rural location of the college

Water Scarcity during summer

Consultancy is limited to a few

Lack of inter disciplinary research

Low number of funded projects

Not in the close proximity of industrial belt.

Institutional Opportunity

Innumerable existing technologies to be explored / harnessed

Business Incubators in collaboration with local industries are yet to be initiated.

Opportunities to attain autonomous status

Increase in the number of faculty members with PhD may help to gain more funded projects.

Alumni Association enhanced as a registered society helps the alumni to actively participate in developmental activities.

Institutional Challenge

Growth of new engineering colleges and increase in intake in existing engineering colleges in the state leads to the migration of experienced faculty members and Reduction in the input quality of students.

Rapid development in technology results in obsolescence of facilities

Increase in the number of Tamil medium students

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

AEC is affiliated to Anna University, Chennai. The Institute follows the curriculum developed by the affiliating University. The college offers 8 UG courses and 7 PG courses with CBCS, the students have flexibility in choosing their elective subjects. Students have option to select and study 2 open elective courses across other departments. The Students may optionally undergo Value Added Courses and the credits earned through the Value-Added Courses shall be over and above the total credit requirement prescribed in the curriculum for the award of the degree. 3 departments were recognized as research centers by the affiliating University to offer PhD degrees.

At the start of every semester the affiliating University will provide academic schedule which has curricular activities, the institute will prepare the academic calendar based on this with co-curricular and extracurricular activities. The academic calendar will eb followed by the departments to ensure effective participation of all the

stake holders.

For the efficient curricular prospect, each department will prepare separate semester plans which includes lesson plans, question banks and laboratory manuals of individual courses. The semester plan will be approved by the Principal for effective implementation.

Feedbacks are collected from the stakeholders to identify the curricular gaps and actions to rectify were taken accordingly. In order to strengthen the curricular outcome the institute is organizing various co-curricular events such as Guest lectures, Seminars, conferences, symposiums, workshops, addon courses.

Teaching-learning and Evaluation

Arunai Engineering College admits students based on the eligibility criteria fixed by the regulatory bodies. Undergraduate admissions were fulfilled by both Government Quota seats and Management Quota seats, 65% of the seats were filled by Single Window Admission system framed by the Directorate of Technical Education, Government of Tamilnadu and remaining 35% seats by Management through the Consortium of Self Financing Professional, Arts and Science Colleges in Tamilnadu. Postgraduate admissions were fulfilled by Tamilnadu Common Entrance Test and the Entrance Exam by the consortium.

In order to motivate the students towards their academic duty, bridge courses will be conducted to the first year students.

The institute follows assessment methodology framed by the affiliating University. 20% of the marks were awarded based on the Continuous Internal Assessment Tests and 80% by the end semester examinations conducted by the University.

Subjects were allocated to the faculty members based on their specialization. Staff handling courses will be maintaining their course file in which subject level documents like lesson plans, record of class work, course materials, question bank, internal assessment marks, assignments were maintained. This course file will be a key to monitor specific outcomes of the course.

Staff are advised to use ICT resources to enhance the learning ability of the students. Students will be given assignments, presentations and mini projects time to time which will increase the participative learning of the students.

To inculcate the practical knowledge Industrial visits were arranged for the students when and where possible. Guest lectures, Seminars, conferences, symposiums, workshops, addon courses were organized by the institute to enhance the students knowledge. Students were allowed to participate in co-curricular events outside the campus, those students will be given full On-duty permission and financial aid is given when and where needed.

Slow learners were identified by their performance in internal assessments and Remedial classes are conducted to improve the results.

Feedback will be collected from the students and staff. Based on the feedback and end semester exam results an analytical report corrective and preventive actions will be prepared which will help to eradicate the shortfalls.

Research, Innovations and Extension

Our institution has a well-established Research and Development cell. The Institute promotes research by motivating the faculties with various facilities. 3 Departments of the Institute were recognized as authorized research centers by the Anna University and Annamalai University. 45 staff had completed their PhD degree and 12 staff were currently pursuing.

An active research forum of the Institute plays significant role in the motivating staff and students towards research. They are motivated to attend events outside the campus which will help to enhance their research skills. The Institute received Rs.16.4 Lakhs as research funds in past 5 years. The Institute is having 175 publications in last 5 years with most of the papers published in journals in UGC CARE list and are indexed in SCOPUS, SCI and included in Web of Science. 50 papers published in National/International conference proceedings.

The Institute has active Institute innovation Council which is articulated and monitored by the Ministry of Education, Government of India.

The Institute organizes project expo's in which innovative students projects were exhibited to the general public to make them aware on technological developments.

Society oriented projects by departments were taken and 2 of the projects Online Car Parking Management System and Missing Children Tracking System were implemented to benefit the District Police Department.

Students and staff of the Institute consistently bag National awards for their innovative research work. More than 22 awards were bagged by them during last 5 years.

Staff were encouraged to apply for various internship programs and they were allowed to attend those with onduty and required financial support.

More than 25 functional MoU's with various industries help the student and staff to carry out their research work, industrial visits, internship, training programs, etc.,

The institute actively involved in extension activities through its NSS, YRC wing, which regularly conducts various programs. Some of the remarkable activities are NSS camp in nearby villages, Blood Donation, Tree Plantation, Road safety awareness, Swach Bharat,etc.,

The Institute coordinated with ISRO and organized World Space Week program in which more than 12000 school students and general public attended the event.

Infrastructure and Learning Resources

The College building sits on a campus measuring 2.025 acres with a built area of 9925.97sq.mts. The institution has grown immensely and magnificently with several buildings on a spanning area of 31. 50 acres with a built up area of 35000 sq.m. for instructional and administrative buildings, 46,000 sq.m. for amenities, and 20,500 sq.m. for playgrounds, It has spacious lecture halls, ICT enabled Smart rooms, Tutorial rooms. Well-equipped Laboratories, English language labs, Computer labs, an Open Air Auditorium, Air Conditioned Seminar halls, Common Room, Sports and Gymnasium. There is also a cafeteria which serves good food, a general store,

Bank, Post office, ATM, Temple and Dispensary.

Uninterrupted power supply through generator sets with capacity of 1000KvA is installed in the campus. Hygienic RO treated drinking water facilities were provided to the stake holders. Rest rooms were available in prime locations.

There are totally 72 classrooms, 30 laboratories, 2 indoor auditoriums and 1 open auditorium were in the campus. Basket ball, Volley ball, Foot ball, Cricket grounds were dedicatedly used for the sporting activities of the students, apart from this students have the option to play indoor games in the open auditorium. There are 2 men's hostel and 1 women hostel with mess facilities available inside the campus. To inculcate ICT enabled education LCDs and other audio visual facilities are provided in necessary places.

The Institute's library can house 200 students at a time, it also has computers with internet connectivity which helps the students and staff to utilize the e-Resources. The library has a massive number of 18729 books in it. It also houses 125 journals(print and eJournals) and 3199 CDs. The computer lab is having 100MBPS leased line with 871 computers.

Transport facilities for the student and staff with 30 buses connecting around 60 Kms from the Institute.

Student Support and Progression

As the institute is located in the rural part it actively involves in providing support to the students by offering Scholarships. It offered Rs.781250 in 2022-23. Apart from this the Institute initiates and helps students to avail scholarships offered by various government schemes, around 635 students availed Rs.28969000 in 2022-23.

The training and placement cell of the Institute is committed to provide placement training for the students. Apart from this various other skill development programs were organized by the cell. Guidance to the students for competitive exams, higher studies were given both in the department level and in the Institute level.

Feedbacks were collected time to time from the students and the concerns raised were rectified to satisfy the students needs.

Students progression were closely monitored and best performing alumni were called to the campus to interact with the students.

The institute have Committee for SC/ST, Minority Cell, Grievance Redressal Committee, Internal Compliant Committee, Anti-ragging Committee, OBC Cell and Women empowerment cell which will actively involve in progression of the students.

To provide a platform to exchange their knowledge, subject experts from both academia and industry were called to the campus for guest lectures, seminars, workshops, conferences and value added courses. The Institute is member in Institute of Electrical and Electronics Engineers (IEEE), Indian Society for Technical Education (ISTE), Computer Society of India (CSI), Indian Institute of Chemical Engineers(IICHE), Biotech Research Society of India (BRSI), Engineers Without Borders (EWB).

An alumni association has been registered to provide an opportunity to the students to interact with their predecessors which may help them to better understand the social and industrial needs.

Governance, Leadership and Management

The visionary Management of the institute is participative in all academic and official activities.

The governing council of the Institute meets once in a year to measure the performance and to device the growth strategy. The management of the Institute is headed by the dynamic Vice Chairman who gives regular, comprehensive, Strategic Plan to the Registrar. The Registrar monitors the implementations of the plans through a structured mechanism. Principal is head of all the academic activities, he supervises and direct the subordinates to effectively implement the policies framed by the management. The HoDs and functional heads directly reports to the Principal which were communicated to the Registrar.

The Internal Quality Assurance Cell (IQAC) of the Institution is actively involved in the design and implementation of quality policy of the Institution through its meetings, recommendations, data collection and storage, observation of evolving trends in Higher Education and planning institutional activities accordingly.

The quality policy were framed as per the ISO9001:2015 standards. This provides various templates for various activities to set the operations as chronologically recorded and audited in every six months.

Several committees are constituted under the leadership of the Principal of the Institution to continuously guide, monitor, and assess the execution of various activities as planned and scheduled.

The Management strictly follows the regulations provided by the regulatory bodies such as AICTE, Directorate of Technical Education and the Anna University (Affiliating University). The Governing Body ensures that the policy statements and action plans are fulfilled in accordance with the stated mission of the institution.

Institutional Values and Best Practices

The institute is known for its social responsibility. The campus is maintained clean and green which made the slogan "Clean Arunai Green Arunai". The scenario of the college exhibits the importance given to eco-friendly campus. Rainwater harvesting systems were installed in all major places.

The RRR concept Reduce, Reuse, Recycle were taught to the students to minimize the plastic and other hazardous wastes. Social responsibility was taught to the students. The institute is known for discipline, the positive attitude of the students were improved by maintaining discipline both inside the campus and the outside world. The institute is an equal opportunity employer which follows gender equality.

The Institute is constantly involved in the growth of rural community, as it is located in the Rural place it gives quality education and infrastructural facility to the students around. It indirectly palys a role in economic upliftment of surrounding areas.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	ARUNAI ENGINEERING COLLEGE
Address	Velu Nagar Mathur Tiruvannamalai
City	Tiruvannamalai
State	Tamil Nadu
Pin	606603
Website	www.arunai.org

Contacts for Communication					
Designation	**Name**	**Telephone with STD Code**	**Mobile**	**Fax**	**Email**
Principal	R. Ravichandaran	04175-255101	9842073165	-	aectvm1993@gmail.com
IQAC / CIQA coordinator	R. Praveen Kumar	04175-255124	7904907648	-	praveenramanujam@gmail.com

Status of the Institution	
Institution Status	Private

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minroity institution	No

Establishment Details

State	University name	Document
Tamil Nadu	Anna University	[View Document](#)

Details of UGC recognition

Under Section	Date	View Document
2f of UGC	08-10-2013	[View Document](#)
12B of UGC	08-10-2013	[View Document](#)

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

Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
AICTE	[View Document](#)	02-06-2023	12	
AICTE	[View Document](#)	02-06-2023	12	

Recognitions	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

Location and Area of Campus

Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Velu Nagar Mathur Tiruvannamalai	Rural	24.6	52142

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BTech,Biotechnology,Biotechnology	48	HSc or Diploma	English	60	45
UG	BE,Mechanical Engineering,Mechanical Engineering	48	HSc or Diploma	English	60	41
UG	BE,Electrical And Electronics Engineering,Electrical and Electronics Engineering	48	HSc or Diploma	English	60	48
UG	BE,Electronics And Communication Engineering,Electronics and Communication Engineering	48	HSc or Diploma	English	120	117
UG	BTech,Computer Science Engineering, Artificial Intelligence and Data Science	48	HSc or Diploma	English	60	60
UG	BE,Computer Science Engineering,Computer Science and Engineering Artificial Intelligence and Machine Learning	48	HSc or Diploma	English	60	60

UG	BE,Computer Science Engineering,Computer Science Engineering	48	HSc or Diploma	English	120	119
UG	BE,Computer Science Engineering,Computer Science and Engineering Cyber Security	48	HSc or Diploma	English	60	60
UG	BTech,Information Technology,Information Technology	48	HSc or Diploma	English	60	58
UG	BTech,Chemical Engineering,Chemical Engineering	48	HSc or Diploma	English	30	9
UG	BE,Civil Engineering,Civil Engineering	48	HSc or Diploma	English	30	18
UG	BTech,Agricultural Engineering,Agricultural Engineering	48	HSc or Diploma	English	60	27
PG	Mtech,Biotechnology,Biotechnology	24	UG	English	18	10
PG	ME,Mechanical Engineering,Thermal Engineering	24	UG	English	12	1
PG	ME,Electrical And Electronics Engineering,P	24	UG	English	9	0

	ower Electronics and Drives					
PG	ME,Electronics And Communication Engineering,Applied Electronics	24	UG	English	12	3
PG	ME,Computer Science Engineering,Computer Science Engineering	24	UG	English	18	0
PG	ME,Civil Engineering,Structural Engineering	24	UG	English	18	3
PG	MBA,Business Administration,Master of Business Adminsitration	24	UG	English	60	60
Doctoral (Ph.D)	PhD or DPhil ,Mechanical Engineering,	36	PG	English	3	0
Doctoral (Ph.D)	PhD or DPhil ,Electrical And Electronics Engineering,	36	PG	English	3	0

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	20				14				145			
Recruited	19	1	0	20	10	4	0	14	75	70	0	145
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	20				14				145			
Recruited	19	1	0	20	10	4	0	14	75	70	0	145
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				19
Recruited	15	4	0	19
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				19
Recruited	15	4	0	19
Yet to Recruit				0

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Technical Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				29
Recruited	28	1	0	29
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				29
Recruited	28	1	0	29
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	19	1	0	10	4	0	8	5	0	47
M.Phil.	0	0	0	0	0	0	11	13	0	24
PG	0	0	0	0	0	0	56	52	0	108
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers									
Highest Qualification	Professor			Associate Professor			Assistant Professor		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers									
Highest Qualification	Professor			Associate Professor			Assistant Professor		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

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

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	1313	0	0	0	1313
	Female	950	0	0	0	950
	Others	0	0	0	0	0
PG	Male	55	0	0	0	55
	Female	99	0	0	0	99
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0

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

Category		Year 1	Year 2	Year 3	Year 4
SC	Male	47	31	46	13
	Female	25	27	16	26
	Others	0	0	0	0
ST	Male	0	0	1	0
	Female	1	0	0	0
	Others	0	0	0	0
OBC	Male	315	232	205	104
	Female	226	196	118	160
	Others	0	0	0	0
General	Male	12	11	9	5
	Female	14	13	7	11
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		640	510	402	319

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	The institution is progressively implementing the National Education Policy (NEP). According to the NEP, the curriculum now features multidisciplinary courses aligned with Anna University standards. To foster successful professional and technical careers, students can choose from a diverse array of courses, including Humanities, Social Sciences, and Management Courses (HSMC), Basic Sciences Courses (BSC), Engineering Sciences Courses (ESC), Professional Core Courses (PCC), Professional Elective Courses (PEC), Open Elective Courses (OEC), Employability Enhancement Courses (EEC), and Audit courses (AC) that cover topics such as the Constitution of India and Sangam literature.

	Additionally, the curriculum incorporates Personality and Character Development. To enhance practical exposure in real-world settings, Industrial Training/Internship and Industrial Visits are included. Value Added Courses are offered across various fields, and students are encouraged to engage in interdisciplinary projects aimed at addressing societal challenges at local, regional, national, and global levels.
2. Academic bank of credits (ABC):	Our institute has registered in National Academic Depository (NAD) and we are subsequently registering in Academic Bank of Credits (ABC).
3. Skill development:	The NEP 2020 underscores the significance of skill development and vocational education. Our institution has proactively initiated efforts to integrate professional training with general education, starting from the first semester, to enhance vocational education and provide comprehensive soft skills training. Recognizing the importance of real-world exposure, the institution is actively partnering with industries to facilitate internships, allowing students to gain hands-on experience in professional environments. Additionally, the implementation of the Naan Mudhalvan Scheme, offered by the Government of Tamil Nadu, further enriches our college's educational offerings by providing effective training opportunities.
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	The medium of instruction for all courses is English. The curriculum provided by the affiliating university has a mandatory subject in local language (Tamil). Apart from this concepts were taught in Tamil in some topic for better understanding of the subject. Various extracurricular activities were organized to inculcate the Indian knowledge system, particularly the cultural heritage of the country.
5. Focus on Outcome based education (OBE):	The Institute follows Outcome based education (OBE) system. All the courses offered by the institution are having their own Course Outcomes (CO) and Program Outcomes (PO) are adapted from the Washington Accord. 5 courses has been accredited by NBA based on OBE.
6. Distance education/online education:	In order to get knowledge in diverse fields students and faculties are motivated to undertake online courses. The institute is having NPTEL local chapter through which timely information and reminders are

	sent to them for successful completion of the online courses.

Institutional Initiatives for Electoral Literacy

1. Whether Electoral Literacy Club (ELC) has been set up in the College?	Yes
2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?	Yes
3. What innovative programmes and initiatives undertaken by the ELCs? These may include voluntary contribution by the students in electoral processes-participation in voter registration of students and communities where they come from, assisting district election administration in conduct of poll, voter awareness campaigns, promotion of ethical voting, enhancing participation of the under privileged sections of society especially transgender, commercial sex workers, disabled persons, senior citizens, etc.	The college has organized electoral literacy event specifically for the students and events in nearby villages.
4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research projects, surveys, awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in electoral processes, etc.	Yes, the college has taken survey in five villages under Unnat Bharat Abhiyan scheme
5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible students as voters.	ELC has conducted special sessions for 1st year students and motivated them to enroll as voter in the electoral role.

Extended Profile

1 Students

1.1

Number of students year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
1922	01748	1629	1436	1695

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

2 Teachers

2.1

Number of teaching staff / full time teachers during the last five years (Without repeat count):

Response: 336

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

2.2

Number of teaching staff / full time teachers year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
177	181	203	230	242

3 Institution

3.1

Expenditure excluding salary component year wise during the last five years (INR in lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
202.83	287.85	177.66	91.85	369.19

File Description	Document
Upload Supporting Document	[View Document](#)

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1

The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

Response:

Arunai Engineering College was established in the year 1993 and it is a non- autonomous institution affiliated to the Anna University. Since it is a non-autonomous institution the academic calendar is planned in line with the academic calendar issued by the Anna University. The Academic calendar includes the various institution level programmes and the department level programmes planned for the upcoming academic year. To ensure the effective conduction of the courses offered, planned schedule is followed for lectures and lab sessions.

Subjects are allocated to the faculty members based on their specialization, experience and willingness of the faculty. Each faculty member maintains their own course file in which subject level documents like lesson plans, record of class work, course materials, question bank, internal assessment marks, assignments are maintained. This course file serves as a key to monitor specific outcomes of the course. The institute follows assessment methodology framed by the affiliating University. Internal assessment contributes 20% in overall marks and external assessment contributes 80% in the old regulation (R2017), whereas the new regulation it is 40% and 60% respectively.

Faculty members effectively utilized ICT enabled resources for course delivery to enrich the learning ability of the students. Moreover faculties follow different strategies like Google classroom, video lectures, assignments, case study, group discussion, quiz, and seminar presentation. Industry interaction is arranged for the final year, pre-final year and second year students to learn the advancement of modern technologies. The goals of the teaching and learning processes help the students to provide experiential learning.

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

1.2 Academic Flexibility

1.2.1

Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)

Response: 63

File Description	Document
List of students and the attendance sheet for the above mentioned programs	[View Document](#)
Institutional programme brochure/notice for Certificate/Value added programs with course modules and outcomes	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Evidence of course completion, like course completion certificate etc. Apart from the above:	[View Document](#)

1.2.2

Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

Response: 50.26

1.2.2.1 Number of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
1761	1568	198	474	236

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

1.3 Curriculum Enrichment

1.3.1

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

Response:

The institute is committed to make its stakeholders as responsible citizen. In view of this the institution

takes severe steps to integrate crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum. There are number of courses included in the curriculum of the affiliating university, in addition to this several extra-curricular and co-curricular activities like workshops, seminars, guest lectures, world environment day, women's day celebration, etc., were organized to sensitize these.

Gender:

The institute is a co-educational institution that provides a platform to the students to exhibit their skills in all curricular, co-curricular and extra-curricular activities. We are an equal opportunity employer as well. The Institute believes in women empowerment, several initiatives to sensitize gender equality are taken by the Institute. The institute is having a dedicated women empowerment cell with both students and faculty as member in it. Women's day is celebrated in the Institute with the active participation of all the stakeholders.

Professional Ethics:

Ethical practices are strictly followed inside the campus. Students and faculty are given proper instructions to follow ethical standards to be a professional. The Institute has several committees which closely monitor the activities of the stakeholders. SC/ST, Minority Cell, Grievance Redressal Committee, Internal Complaint Committee, Anti-ragging Committee, OBC Cell and Women empowerment cell are actively involved in maintaining the ethical values. The NSS and YRC members are deputed to maintain the standards. Professional code is maintained throughout the campus. Students are taught with Professional Ethics and Human Values as a subject in their curriculum.

Human Values:

Students are encouraged to actively participate in society-oriented programs. The NSS wing actively involves in conducting camps in the nearby villages to perform social activities. During their camps, these students impart their knowledge on sanitation, hygiene, women empowerment, social activities, etc., to the general public. YRC wing of the institute is actively involved in organizing blood donation camps.

Environment and Sustainability:

Environment sustainability is one of the main areas in which the Institute is actively imparting. The students are taught about sustainability issues, environmental hazards and prevention and treatment of environmental hazards. Environmental Science is taught to students as a part of the curriculum. This pillar is all about protecting the environment for future generations. Environmentally sustainable institution take steps to enhance efficiencies reduce resource consumption and waste, and measure and monitor carbon emissions across the entire supply chain. Today, many organizations are amping up their environmental efforts by adopting sophisticated technology, including cloud and IoT sustainability solutions that allow them to track and reduce their environmental impact.

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

1.3.2

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

Response: 35.28

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

Response: 678

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

1.4 Feedback System

1.4.1

Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website

Response: B. Feedback collected, analysed and action has been taken and communicated to the relevant bodies

File Description	Document
Feedback analysis report submitted to appropriate bodies	[View Document](#)
At least 4 filled-in feedback form from different stake holders like Students, Teachers, Employers, Alumni etc.	[View Document](#)
Action taken report on the feedback analysis	[View Document](#)
Link of institution's website where comprehensive feedback, its analytics and action taken report are hosted	[View Document](#)

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1

Enrolment percentage

Response: 51.32

2.1.1.1 **Number of seats filled year wise during last five years (Only first year admissions to be considered)**

2022-23	2021-22	2020-21	2019-20	2018-19
641	510	402	320	341

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

2022-23	2021-22	2020-21	2019-20	2018-19
807	687	678	1085	1057

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Final admission list as published by the HEI and endorsed by the competent authority	[View Document](#)
Document related to sanction of intake from affiliating University/ Government/statutory body for first year's students only.	[View Document](#)

2.1.2

Percentage of seats filled against reserved categories (SC, ST, OBC etc.) as per applicable reservation policy for the first year admission during the last five years

Response: 39.51

2.1.2.1 **Number of actual students admitted from the reserved categories year wise during last five years (Exclusive of supernumerary seats)**

2022-23	2021-22	2020-21	2019-20	2018-19
280	238	203	212	246

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

2022-23	2021-22	2020-21	2019-20	2018-19
566	474	467	748	729

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Final admission list indicating the category as published by the HEI and endorsed by the competent authority.	[View Document](#)
Copy of communication issued by state govt. or Central Government indicating the reserved categories(SC,ST,OBC,Divyangjan,etc.) to be considered as per the state rule (Translated copy in English to be provided as applicable)	[View Document](#)

2.2 Student Teacher Ratio

2.2.1

Student – Full time Teacher Ratio
(Data for the latest completed academic year)

Response: 10.86

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 and teachers use ICT- enabled tools including online resources for effective teaching and learning process

Response:

In order to enhance the learning ability of the students the institute actively involves nurturing special facilities for them.

Experiential Learning

Experiential Learning is one of the keys to motivate the student towards the subject. The curriculum offered by the affiliating university has enough components to inculcate experiential learning. Though it is sufficient, the institute encourages students to undertake mini-projects related to their course. These mini projects are offered and monitored at the department level. Students are motivated to undergo in-plant trainings in eminent research labs and in industries during their vacation. Industrial visits were arranged through which the student had the exposure to practices followed in the industries and to correlate the principles which they studied in their subjects with the industrial processes.

Participative Learning

Students are encouraged to attend various co-curricular activities such as Seminars, Conferences, Workshops, etc., outside the campus by which they can able to develop their skills. They are advised to present the knowledge they gained through the subjects and their projects. Alumni students and experts from the outside world are regularly invited to the campus to interact with the students which are the tools to improve the participative learning of the students. Every department has its own student association in which all the students are members, these associations periodically organize various co-curricular and extracurricular activities in which all the students actively participate.

Problem Solving Methodologies

The institute believes that Problem Solving Methodologies are the key skills for Engineering and Technology graduates. In order to improvise the knowledge on problem-solving skills tutorial classes were planned for the problem-oriented subjects. The analytical skills of the students were improved by involving the students to undertake group studies. Evening classes for students were organized regularly which were specifically for problem-oriented subjects in which interested students can attend and interact with the subject faculties.

Apart from the above, the academic process caters to the diverse range of learners and maintains equity. Slow and advanced learner are identified based on their performance. Slow learners are supported with additional inputs through remedial classes, open book and tutorial tests. Advanced learners are encouraged to earning credits through NPTEL/Swayam onlilne courses and Internship. ICT enabled tools are used for effective teaching and learning.

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

2.4 Teacher Profile and Quality

2.4.1

Percentage of full-time teachers against sanctioned posts during the last five years

Response: 100

2.4.1.1 **Number of sanctioned posts year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
177	181	203	230	242

File Description	Document
Sanction letters indicating number of posts sanctioned by the competent authority (including Management sanctioned posts)	[View Document](#)

2.4.2

Percentage of full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the last five years (consider only highest degree for count)

Response: 16.46

2.4.2.1 **Number of full time teachers with NET/SET/SLET/Ph. D./ D.Sc. / D.Litt./L.L.D year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
45	40	34	28	23

File Description	Document
List of faculties having Ph. D. / D.Sc. / D.Litt./ L.L.D along with particulars of degree awarding university, subject and the year of award per academic year.	[View Document](#)
Institution data in the prescribed format	[View Document](#)
Copies of Ph.D./D.Sc / D.Litt./ L.L.D awarded by UGC recognized universities	[View Document](#)

2.5 Evaluation Process and Reforms

2.5.1

Mechanism of internal/ external assessment is transparent and the grievance redressal system is time- bound and efficient

Response:

The internal and external assessment were conducted as per the scheduled notified in the annual calendar which is based on the communication received from the affiliating university. Internal assessment consists of CIA I, CIA II, Model Examination, Assignments and external assessment is conducted by the affiliating university. Internal assessment contributes 20% in overall marks and external assessment contributes 80% in the old regulation (R2017), whereas the new regulation it is 40% and 60% respectively. The entire exam schedule will be monitored by Exam cell.

The college has an exclusive Exam Cell headed by the Principal and Exam cell coordinator for overseeing the conduct of all the internal and external examinations. The exam cell coordinator is assisted by a team consisting of one faculty from each department and supporting staff members.

Faculty meeting is conducted at the beginning of the semester. Schedule of Internal Assessment tests, question paper pattern and evaluation schemes are conveyed. Anna University norms for the allocation of internal marks are communicated to all department faculty members. Academic schedule is prepared with the date of internal assessment tests and submission of question papers. HoDs will ensure to conduct the internal assessment tests as per the planned schedule. The students are made aware of the evaluation procedures, examination pattern and question paper pattern of college and the university, well in advance through class advisors. In the class committee meeting, the university regulation, internal assessment tests evaluation schemes and total number of subjects are informed to the class committee members.

The course in-charges will prepare Question papers and will be submitted to exam cell. Evaluation of answer scripts are made following the assessment rubrics. The students obtaining less than 50% of the maximum marks are identified as slow learners, Corrective and Preventive Action is taken to improve the outcomes.

Model practical examination will be conducted before the University practical examination to assess the individual performance. Students performance and progress in practical courses shall be measured using the Observation or result with 10 marks, Viva voce with 10 marks and record work with 10 marks. For the Assessment process of Project work, the project coordinator along with the project guides conduct 4 reviews (zeroth, first, second and final) based on which internal assessment marks will be awarded. Students will submit the report of their project work during the final review and it will be reviewed and finalized by the project guide. External Project Viva voce will be conducted by the panel of examiners deputed by the University. Based on the viva voce, marks are awarded to the students and submitted to the University.

After the Internal Assessment tests the consolidated mark list is prepared by the class advisor and display in the department notice board with the approval of Head of the Department and Head of the Institute. The students' attendance, internal marks are entered in the Anna University web portal which can be assessed through the student's individual login.

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

2.6 Student Performance and Learning Outcomes

2.6.1

Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website

Response:

The Institute has a well-organized structure that frames the Vision, Mission, COs, POs, PEOs and PSOs for all Programmes and to disseminate the same for all stakeholders. The Academic Committee of the Institution has developed the well-defined Vision and Mission statements of the Institution, and each department has created its own Vision and Mission statements in accordance with them. Each department develops their own Programme Educational Objectives (PEOs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) for all the courses in the curriculum prescribed by the affiliating university. The process for defining Vision and Mission of the department was discussed in the department level and it was established through a consultative process involving the stakeholders of the department, Department Advisory Board (DAB) and Governing Council (GC). PEOs describe the career and professional accomplishments that programs are preparing graduates to attain within a period of 4 years of graduation. PSOs are the statements that define the outcomes of a. particular program which make students to realize the knowledge and techniques learnt in that program. POs are related with the skills, knowledge, and attitude that the student acquires at the end of the program to progress higher studies and getting placements. Course Outcomes are specific and measurable statements that define the knowledge, skills, and attitude that learners will demonstrate by the completion of a course. Each Course has five outcomes. Course Outcomes of each course are framed by the Department Advisory Board (DAB) and the COs are mapped with POs and PSOs by the Course Coordinator which is further verified and approved by the DAB. The Department Advisory Board of each department collects the feedback and reviews from various stakeholders, summarizes them and then formulates the PEOs/PSOs which are sent to the academic committee for final approval and effective implementation. The approved statements are published in the Institute website and communicated to various stakeholders.

Communicating the POs, PSOs and Cos to stakeholders

The College has a multi-layered, multi-point and multi-faceted process related to communicating

the POs, PSOs and COs to the teachers and students.

First year Induction Programme:

Dedicated lecture demos are organized as a part of the Induction Programme in which POs are

presented and explained to the students.

Introduction of Course Outcomes:

Respective COs are presented at the beginning of each course all throughout the programme

Note of Outcomes in the Curriculum Books:

COs and CO-PO mapping is given for each course in the syllabus books.

Display Boards in the Department Corridors :

Multi-coloured Foam boards are depicting the Pos and are placed for wider awareness among students regarding the matter.

Question papers of Continuous Assessment:

The questions of continuous assessment exams are set reflecting the COs of the particular course along with cognitive levels of learning.

Website:

POs are presented on the individual course webpage of the college website www.arunai.org.

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

2.6.2

Attainment of POs and COs are evaluated.

Explain with evidence in a maximum of 500 words

Response:

CO attainment process

The attainment process of the Course outcomes and Program outcomes and their attainment levels are benchmarked based on the regulations framed by DAB and Academic Committee. Our institution is an affiliated Institution and hence our syllabus is based on the Anna university curriculum. As per the Anna University regulation the outcome of the course is graded for 100 marks. The various assessment tools for the calculation of attainment of COs are internal assessment tests, Assignments and End semester examinations. In which internal assessments carries 20% and external assessment 80%.

The CO attainment target is set by the course coordinator, in consultation with the Department Advisory

Board and the actual attainment of CO is evaluated. Attainment gaps for each CO of every course are identified, reviewed and analyzed for further actions. Attainment level for COs are fixed as follows:

Target Constraint	Attainment Level
>= 60% of students scored more than the set threshold level for each CO	1.
>= 70% of students scored more than the set threshold level for each CO	1.
>= 80% of students scored more than the set threshold level for each CO	1.

The set threshold level may differ depending on the department.

PO attainment process

The various assessment tools used for measuring the attainment of Program Outcomes (POs) and Program Specific Outcomes (PSOs) are mainly categorized into direct and indirect tools. The Target percentage for PO and PSO attainment is fixed by the academic committee and the gap will be identified, reviewed and analyzed for further actions.

Direct Assessment (80%):

The performance of the students in Continuous Internal Assessment tests, Model Exam, assignments and End semester examinations are taken as the direct tool for PO attainment calculation.

Indirect Assessment (20%)

The Institution has also initiated indirect assessment strategies by including the following surveys.

Course Exit Survey: Feedbacks from the Course learners are collected after syllabus completion to improve teaching-learning process.

Program Exit Survey: Feedbacks from the students after the completion of their program are collected to seek their academic experience on Outcome Based Education system in order to improve the quality of OBE.

Alumni Survey: Feedbacks from the Alumni are collected annually to obtain the inputs and suggestions on PO attainment in the real time societal environment.

All these surveys are validated based on a questionnaire and the average is calculated for indirect assessment.

Sample CO, PO and PSO attainment calculation for the course C314 – Design of Electrical Apparatus of the EEE program in the year 2020-2021 is attached as evidence.

File Description	Document
Upload Additional information	View Document

2.6.3

Pass percentage of Students during last five years (excluding backlog students)

Response: 83.98

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

2022-23	2021-22	2020-21	2019-20	2018-19
373	476	442	367	313

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

2022-23	2021-22	2020-21	2019-20	2018-19
575	505	452	402	413

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Certified report from Controller Examination of the affiliating university indicating pass percentage of students of the final year (final semester) eligible for the degree programwise / year-wise.	[View Document](#)
Annual report of controller of Examinations(COE) highlighting the pass percentage of final year students	[View Document](#)

2.7 Student Satisfaction Survey

2.7.1

Online student satisfaction survey regarding teaching learning process

Response: 3.83

File Description	Document
Upload database of all students on roll as per data template	[View Document](#)

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1

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

Response: 16.4

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

2022-23	2021-22	2020-21	2019-20	2018-19
0.3	0.3	3.5	0.15	12.15

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

3.2 Innovation Ecosystem

3.2.1

Institution has created an ecosystem for innovations, Indian Knowledge System (IKS),including awareness   about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident

Response:

Arunai Engineering College promotes entrepreneurship, innovations, IPR and NSS/YRC based activities both on-campus as well as off campus. The institution has a well-established Intellectual Property Rights (IPR) cell and Entrepreneurship Development Cell (EDC) motivating faculties and students to organise various events in the trust areas like patents, start up, incubation facility etc. EDC started in 2019 provides an awareness among students of the institution regarding entrepreneurship as a career option. IRP cell fosters innovation cultivates a culture of research and development among students community. Our institution has a well-established Research and Development cell. The institute promotes research by motivating the faculties with various facilities. Two departments of the Institute were recognized as authorized research centres by Anna University. 41 faculties had completed their Ph.D. degree in different universities and 15 faculties are currently pursuing.

Fully established laboratories cater to the physical needs for research to both the faculties and the

students. An active research forum of the Institute plays a significant role in motivating the faculties and students towards research. They are motivated to attend events outside the campus which helps to enhance their research skills. The Institute has received Rs.17 Lakhs as research funds in the past 5 years (2018-19 to 2022-23). The Institute has done 175 publications in the last 5 years (2018-19 to 2022-23), with most of the papers published in journals in the UGC CARE list and were indexed in SCOPUS, SCI and included in Web of Science. 29 research works were published as book chapters and conference proceeding in various National/International conference proceedings. Three books were drafted and published.

The Institute has an active Institute Innovation Council (IIC) which is articulated and monitored by the Ministry of Education, Government of India. The Institute organizes project expo's in which innovative students projects were exhibited to the general public to make them aware of technological developments.

Society-oriented projects were taken by departments and two of the projects on Online Car Parking Management System and Missing Children Tracking System were implemented to benefit the District Police Department. Students and faculties of the Institute bag National awards consistently for their innovative research work. More than 30 awards were bagged by them during the last 5 years. Faculties were encouraged to apply for various internship programs and they were allowed to attend those with on duty and required financial support. More than 25 functional MoU's with various industries help the students and faculties to carry out their research work, industrial visits, internship, industrial training programs, etc., The institute is actively involved in extension activities through its NSS, YRC wing regularly conducts various programs. Some of the remarkable activities are NSS camp in nearby villages, Blood Donation, Tree Plantation, Road safety awareness, Swachh Bharat,etc., The Institute coordinated with ISRO and organized the World Space Week program in which more than 12000 school students and the general public attended the event.

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

3.2.2

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

Response: 103

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

2022-23	2021-22	2020-21	2019-20	2018-19
21	39	16	16	11

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

3.3 Research Publications and Awards

3.3.1

Number of research papers published per teacher in the Journals notified on UGC care list during the last five years

Response: 0.52

3.3.1.1 **Number of research papers in the Journals notified on UGC CARE list year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
33	32	31	29	50

File Description	Document
Link to the uploaded papers, the first page/full paper(with author and affiliation details)on the institutional website	[View Document](#)
Link to re-directing to journal source-cite website in case of digital journals	[View Document](#)
Links to the papers published in journals listed in UGC CARE list or	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

3.3.2

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

Response: 0.09

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

2022-23	2021-22	2020-21	2019-20	2018-19
6	5	4	6	8

File Description	Document
List of chapter/book along with the links redirecting to the source website	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Copy of the Cover page, content page and first page of the publication indicating ISBN number and year of publication for books/chapters	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

3.4 Extension Activities

3.4.1

Outcomes of Extension activities in the neighborhood community in terms of impact and sensitizing the students to social issues for their holistic development during the last five years.

Response:

The institute is actively involved in extension activities through its NSS, YRC wing and regularly conducts various programs.

NSS unit

Arunai Engineering College's National Service Scheme (NSS) Special Camp stands as a beacon of hope and transformation, poised to deliver a week-long cascade of benefits to the nearby villages and beyond. With diverse range of activities planned, including blood-donation camps, tree-plantations, voter-awareness drives, sanitary and fire-safety awareness programs, women's-safety initiatives, and medical-camps, this endeavor embodies the spirit of service and community empowerment.

The blood donation camp, a cornerstone of the special camp. Through voluntary donations from students, faculty, and public, to make a tangible impact on healthcare accessibility and emergency response in the surrounding areas.

The tree plantation drive is set to green barren landscapes and combat the looming specter of deforestation and climate change. By engaging volunteers in tree plantation, it endeavors to foster environmental stewardship and cultivate a sustainable future for future generations.

Voter awareness initiatives are poised to ignite a spark of civic engagement and democratic participation among public, empowering them with knowledge and resources to exercise their right to vote. Through interactive workshops and informative sessions, it seeks to strengthen the foundation of democracy and promote inclusive governance.

Sanitary and fire safety awareness programs aim to educate public on best practices for hygiene and disaster preparedness, equipping them with vital skills and knowledge to safeguard their well-being. By raising awareness about sanitation and fire safety measures, to mitigate health risks and prevent avoidable tragedies.

Women's safety initiatives are poised to create safer environments and combat gender-based violence and discrimination. Through self-defense workshops and advocacy campaigns AEC's NSS seeks to empower women with tools and confidence to assert their rights and navigate public spaces with dignity and security.

Medical camps, aims to improve health outcomes and enhance quality of life for all, to offer essential healthcare services to underserved communities, bridging gaps in access and affordability. By bringing healthcare professionals and resources directly to the doorstep of public.

Youth Red Cross

Youth Red Cross is an active unit in the institute, it organizes various society oriented programs like blood donation camps, road safety awareness programs, etc.,

Other remarkable activities

The institute has organized other social activities for school students and general public as well. A motivational program for HSc students named 'Padikkarkkal' was organized in campus in which students from various schools brought to the campus for the program. Eminent speakers and academicians are called to interact with students on various topics which help the students to prepare and face their board exams confidently.

Drawing competition for school students named "Oviyaa" is being organized for the students up to 10th Standard. An open call is made to various school students and the competition is organized inside institute campus. Social-oriented themes are given as topics. A huge number of students participate in the event and portray their skills. Eminent persons in fine arts are called as chief guest to judge the drawings and prizes are given to students.

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

3.4.2

Awards and recognitions received for extension activities from government / government recognised bodies

Response:

Arunai Engineering College has won several awards time to time for its exemplary contribution to the society. The institute has won various prestigious awards for its outstanding contribution to the society. Exnora International has awarded the Institute with "Green Campus" award for having adequate environmental structure for protection of environment. National Service Scheme (NSS) is a key unit in carrying out extension activities to the nearby villages and needy people. Those services were well received by the beneficiaries and as an outcome several awards were won by the unit. The institute has bagged 35 National / State Awards from ISTE won under Students (UG +PG), Staff and Institution category. Ms.V. Ramya, third-year Information Technology student participated in the State-level NSS Republic Day Parade held in Chennai. Representing her institution under the affiliation of Anna University Chennai. Mr.Vasanth, a dedicated NSS volunteer, showcased exceptional talent and creativity as he participated in the Youth Festival organized by the State NSS Cell, Tamil Nadu. His passion for photography was recognized and celebrated as he received the prestigious award and prize for Best Photographer during the event from 24-28 August 2023. Mr. S. Ruthnakumar, a dynamic individual from the Computer Science and Engineering (CSE) department, showcased his multifaceted talents through various platforms. One such notable achievement was his participation in the Art Contest of 2020 held at Velammal Engineering College, Chennai. With his creative prowess and innovative thinking, Mr. S. Ruthnakumar not only participated but emerged victorious, clinching prestigious prizes.

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

3.4.3

Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community during the last five years.

Response: 33

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

2022-23	2021-22	2020-21	2019-20	2018-19
3	10	0	10	10

File Description	Document
Photographs and any other supporting document of relevance should have proper captions and dates.	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Detailed report for each extension and outreach program to be made available, with specific mention of number of students participated and the details of the collaborating agency	[View Document](#)

3.5 Collaboration

3.5.1

Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.

Response: 24

File Description	Document
Summary of the functional MoUs/linkage/collaboration indicating start date, end date, nature of collaboration etc.	[View Document](#)
List of year wise activities and exchange should be provided	[View Document](#)
List and Copies of documents indicating the functional MoUs/linkage/collaborations activity-wise and year-wise	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1

The Institution has adequate infrastructure and other facilities for,

- **teaching – learning, viz., classrooms, laboratories, computing equipment etc**
- **ICT – enabled facilities such as smart class, LMS etc.**

Facilities for Cultural and sports activities, yoga centre, games (indoor and outdoor), Gymnasium, auditorium etc (Describe the adequacy of facilities in maximum of 500 words.)

Response:

The College building sits on a campus measuring 24.66 acres with a built area of 52,142sq.mts. The institution has shown immense and magnificent infrastructural growth in a built-up area of 35,000 sq.m. for instructional and administrative buildings, 3690 sq.m. for amenities and ,12,900 sq.m for circulation area also 38,200 sq.m. for playgrounds. It has spacious lecture halls, ICT enabled Smart rooms, Tutorial rooms, Well-equipped Laboratories, English language labs, Computer labs, an Open Air Auditorium, Air Conditioned Auditorium & Seminar halls, Common Room, Sports and Gymnasium. There are totally 55 classrooms, 37 laboratories, 2 indoor auditoriums and 1 open auditorium in the campus. To inculcate ICT-enabled education LCDs and other audio-visual facilities are provided in necessary places. The Institute library can house 200 students at a time, it also has computers with internet connectivity which helps the students and faculty to utilize the e-Resources. The library holds 45,376 books in it. It also houses 118 National Journals , 103 International Journals in print, 860 eJournals and 3223 CDs. The library is automated using MODERNLIB library management software.The computer lab is having a 100 MBPS leased line with 627 computers.

The institute has 2 indoor airconditioned auditorium with seating capacity of more than 500 and a massive open auditorium with a seating capacity of around 2500. The auditorium is used for organizing various events of the Institute.

The institute campus has Basket ball, Volley ball, Foot ball, Cricket grounds, these playgrounds are dedicatedly used for the sporting activities of the students. Apart from this, the students are permitted to play indoor games in the open auditorium. Various intramural, zonal, state and national level competitions are held on these. The institute has a dedicated gymnasiums in women's hostel and men's hostel that caters to the needs of the hostel students. Students are allowed daily in the morning and evening time to work out.

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

4.1.2

Percentage of expenditure for infrastructure development and augmentation excluding salary during the last five years

Response: 30.72

4.1.2.1 **Expenditure for infrastructure development and augmentation, excluding salary year wise during last five years (INR in lakhs)**

2022-23	2021-22	2020-21	2019-20	2018-19
49.94	140.26	57.51	26.94	72.31

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for infrastructure augmentation should be clearly highlighted)	[View Document](#)

4.2 Library as a Learning Resource

4.2.1

Library is automated with digital facilities using Integrated Library Management System (ILMS), adequate subscriptions to e-resources and journals are made. The library is optimally used by the faculty and students

Response:

The institute is having a dedicated massive library building with an area of 1260sq.m that can house 200 students at a time. Huge volume of text books, reference books, magazines, journals and periodicals were available in the library. Apart from this number of e-resources are available for the students and staff with good internet connectivity. The library has a massive number of 45,376 books in it. It also houses 118 National Journals, 103 International Journals in print, 860 eJournals and 3223 CDs. The library is automated using MODERNLIB library management software.

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

4.3 IT Infrastructure

4.3.1

Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection

Describe IT facilities including Wi-Fi with date and nature of updation, available internet bandwidth within a maximum of 500 words

Response:

IT facilities and services are available in all areas of the institute. The institute is having 100 MBPS leased line for internet connectivity, apart from this the institute is having Jio internet on the campus. Wifi connectivity is provided in all the blocks of the institute for seamless connectivity. Every department and functional unit is provided with computers with internet connectivity for efficient communication. The IT infrastructure is developed periodically based on the requirement. The internet connectivity has been increased from 100 MBPS in 2018 to 300 MBPS various connections in 2023, this is based on the needs of the stakeholders. Students and faculty can utilize the Wifi internet connectivity at no cost. Apart from this, the computer labs function after the regular class hours in order to help the students to browse the internet.

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

4.3.2

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

Response: 3.07

4.3.2.1 **Number of computers available for students usage during the latest completed academic year:**

Response: 627

File Description	Document
Purchased Bills/Copies highlighting the number of computers purchased	[View Document](#)
Extracts stock register/ highlighting the computers issued to respective departments for student's usage.	[View Document](#)

4.4 Maintenance of Campus Infrastructure

4.4.1

Percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, during the last five years (INR in Lakhs)

Response: 9.35

4.4.1.1 **Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year wise during the last five years (INR in lakhs)**

2022-23	2021-22	2020-21	2019-20	2018-19
17.70	24.21	16.18	11.68	35.83

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for maintenance of infrastructure should be clearly highlighted)	[View Document](#)

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1

Percentage of students benefited by scholarships and freeships provided by the institution, government and non-government bodies, industries, individuals, philanthropists during the last five years

Response: 78.37

5.1.1.1 **Number of students benefited by scholarships and freeships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
1357	1366	1393	1232	1259

File Description	Document
Year-wise list of beneficiary students in each scheme duly signed by the competent authority.	[View Document](#)
Upload Sanction letter of scholarship and free ships (along with English translated version if it is in regional language).	[View Document](#)
Upload policy document of the HEI for award of scholarship and freeships.	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

5.1.2

Following capacity development and skills enhancement activities are organised for improving students' capability

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

Response: D. 1 of the above

File Description	Document
Report with photographs on Programmes /activities conducted to enhance soft skills, Language and communication skills, and Life skills (Yoga, physical fitness, health and hygiene, self-employment and entrepreneurial skills)	[View Document](#)
Report with photographs on ICT/computing skills enhancement programs	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

5.1.3

Percentage of students benefitted by guidance for competitive examinations and career counseling offered by the Institution during the last five years

Response: 52.27

5.1.3.1 **Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
906	752	830	888	1030

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

5.1.4

The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases

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

Response: A. All of the above

File Description	Document
Proof w.r.t Organisation wide awareness and undertakings on policies with zero tolerance	[View Document](#)
Proof related to Mechanisms for submission of online/offline students' grievances	[View Document](#)
Proof for Implementation of guidelines of statutory/regulatory bodies	[View Document](#)
Details of statutory/regulatory Committees (to be notified in institutional website also)	[View Document](#)
Annual report of the committee motioning the activities and number of grievances redressed to prove timely redressal of the grievances	[View Document](#)

5.2 Student Progression

5.2.1

Percentage of placement of outgoing students and students progressing to higher education during the last five years

Response: 62.93

5.2.1.1 **Number of outgoing students placed and / or progressed to higher education year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
285	284	269	228	219

5.2.1.2 **Number of outgoing students year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
335	360	389	444	514

File Description	Document
Number and List of students placed along with placement details such as name of the company, compensation, etc and links to Placement order(the above list should be available on institutional website)	View Document
List of students progressing for Higher Education, with details of program and institution that they are/have enrolled along with links to proof of continuation in higher education.(the above list should be available on institutional website)	View Document
Institutional data in the prescribed format	View Document

5.2.2

Percentage of students qualifying in state/national/ international level examinations during the last five years

Response: 1.16

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

2022-23	2021-22	2020-21	2019-20	2018-19
4	1	2	1	1

File Description	Document
List of students qualified year wise under each category and links to Qualifying Certificates of the students taking the examination	View Document
Institutional data in the prescribed format	View Document

5.3 Student Participation and Activities

5.3.1

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

Response: 36

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

2022-23	2021-22	2020-21	2019-20	2018-19
21	5	7	2	1

File Description	Document
Upload supporting document	[View Document](#)
list and links to e-copies of award letters and certificates	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

5.3.2

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

Response: 44.2

5.3.2.1 **Number of sports and cultural programs in which students of the Institution participated year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
54	53	42	32	40

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

5.4 Alumni Engagement

5.4.1

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

Response:

Arunai Engineering College stands as a testament to the power of education and the spirit of innovation. Since its establishment in 1993, our institution has been dedicated to nurturing bright minds and fostering a culture of excellence in engineering education. Over the past three decades, we have witnessed the passage of 27 remarkable batches, each leaving an indelible mark on the fabric of our institution.

At the heart of our success lies our vibrant alumni community, comprising over 15,000 accomplished individuals who have gone on to make significant contributions across various industries and continents. Their journey from our halls to the global stage is a testament to the transformative impact of an Arunai Engineering College education.

Beyond the realms of academia, our alumni have excelled as pioneers, innovators, and leaders in their respective fields. From groundbreaking research at esteemed institutions such as ISRO and DRDO to entrepreneurial ventures that redefine industry standards, their achievements serve as beacons of inspiration for generations to come.

Yet, it is not merely their professional accomplishments that define our alumni; it is their unwavering commitment to giving back to their alma mater that truly sets them apart. Through generous financial support, mentorship programs, and industry collaborations, they continue to enrich the educational experience for current students, ensuring that the legacy of excellence endures.

Moreover, our alumni embody the values of social responsibility and community engagement, spearheading initiatives that drive positive change and uplift marginalized communities. Whether through sponsored scholarships for deserving students or environmental conservation efforts, they exemplify the spirit of compassionate leadership and service.

As ambassadors of Arunai Engineering College, our alumni bridge the gap between academia and industry, facilitating internships, job placements, and valuable networking opportunities for aspiring engineers. Their guidance and mentorship play a crucial role in shaping the future trajectory of our students, empowering them to realize their full potential in an ever-evolving global landscape.

In essence, Arunai Engineering College is intrinsically linked with the collective achievements and contributions of our alumni. As we continue to strive for excellence in education and innovation, we do so with profound gratitude for the enduring legacy of our alumni and a steadfast commitment to empowering minds and transforming futures.

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

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1

The institutional governance and leadership are in accordance with the vision and mission of the Institution and it is visible in various institutional practices such as NEP implementation, sustained institutional growth, decentralization, participation in the institutional governance and in their short term and long term Institutional Perspective Plan.

Response:

In concurrence with NEP, the institution has initiated efforts to integrate professional training with general education, aiming to enhance vocational education and provide comprehensive soft skills training from the first semester onwards. Additionally, the institution has identified opportunities for collaboration with industries to facilitate internships, allowing students to gain exposure to real-world work environments and hands-on practical experience.

The Management plays important role in achieving the Vision and Mission through continuous improvement by periodic interactions with stakeholders and doing necessary corrective and preventive actions and implementing necessary process improvements in system. The management is committed to the complete satisfaction of its stakeholder. Care and attention are taken to meet and exceed the requirement and expectation of students, parents and other interested parties. Well-established infrastructure and system are available inside the campus to facilitate the needs of stakeholders. The management feels that academic growth can be achieved only through a set of disciplined students and care is taken for achieving the same.

The following quality policy and objectives have been established and communicated as a means of realizing the management commitment.

We at Arunai Engineering College are committed to create competent and skilled professionals who can cater to intellectually and technologically changing environments by imparting high-quality value based technical education and training

In order to achieve the Quality, the college is committed to closely interact with interested parties and take their feedback, to monitor the context of college and identify the external and internal issues and the risks and opportunities arising out of the monitoring and plan the strategic leadership and make continuous improvements in the Quality Management System processes.

The management is keen in decentralizing the powers through structured mechanism. The roles and responsibilities of authorities were described in the organizational flowchart. Decentralization of powers were done in places wherever possible. The management believes in micromanagement of routine activities, though the powers are decentralized the management closely monitor the performance through a structured mechanism. Principal is the sole responsible to look after all academic activities. In consultation with the management and governing council Principal plan and monitor activities of various functional units. Heads of functional units will report to Principal and they are responsible to monitor the activities and performance of their units. Apart from regular academics the institute has various

committees which are headed by senior faculties of the institute. The management interacts with these committees and device policies. The management is participative in day to day activities which helps the Institutional growth.

The top management communicates on a regular basis, the importance of meeting customer as well as statutory and regulatory requirements. Implementation is ensured by appropriate advance planning resource provision, monitoring and management reviews through Management Review Meetings, HODs meetings and other review meetings. In addition to above meetings, meetings and interactions with other stakeholders are conducted regular basis to get the customer requirements and ensuring that they are addressed. Based on the requirements of the stakeholders the management devices strategic and long term perspective plans.

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

6.2 Strategy Development and Deployment

6.2.1

The institutional perspective plan is effectively deployed and functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules, and procedures, etc

Response:

The successful deployment of institutional perspective plan is evident in the effective and efficient functioning of various institutional bodies. This is reflected in well-defined policies, streamlined administrative setup, adherence to appointment protocols, and clearly outlined service rules and procedures. The cohesive integration of these elements contributes to overall efficiency and effectiveness of institutional framework, ensuring a smooth and well-organized operation of the institute.

Governing Council

The Management conducts Governing Council Meeting once in a year, to review and plan various academic, infrastructural development, human resource policy, budget, etc.,.

Vice Chairman

- Providing overall direction and guidance.
- Provision of resources for effective implementation of the quality system in consultation with the Governing council, Principal, Registrar, IQAC Director and Department Heads.
- Appointment of faculty, pay fixation, appraisal, development and promotion.
- Providing direction and guidance to improve academic and other support activities.

- Approval of capital purchases

- Setting Vision and Mission

Registrar

- Along with the Vice Chairman, providing overall direction and guidance in college administration with the help of Principal and HoDs.
- Reviewing performance of the departments in teaching-learning and other processes in a timely manner and providing suitable direction and guidance.
- Appointment of faculty, pay fixation, appraisal, development and promotion.
- Arranging for the Admission of Students under Govt/ Management Quota.

Principal

- Providing academic and administrative leadership
- Ensuring Compliance to Regulatory Authorities
- Performing Administrative Activities
- Staff Management
- Student Management
- Interactions with Outside World
- Setting Strategic Direction for the college.

Director - IQAC

- Quality improvement.
- Assisting the management to develop strategic plans.

Heads of Departments

- Setting Vision and Mission of the Department
- Department Administration
- Staff Management
- Curriculum Design and Delivery Activities
- Research and Publications
- Mentoring Students and Faculty Members

Coordinator - Examination Cell

- Ensuring smooth conduct of exams.
- Consolidating and conveying tests and examination schedules to the departments and management.
- Assignment of invigilation duty
- Issue of original and duplicate hall tickets
- Distribution of remuneration related to university examination

Head, Training and Placement

- Placement activities
- Training Activities

- Support to Principal in Administration and Corporate Relations

Physical Director

- Organization of Inter – departmental, inter collegiate and university competitions.
- Attending meetings at the university level regarding physical education.
- Assisting the Principal in maintaining discipline in the campus.

Librarian

- Responsible for overall operating efficiency of the library.
- Purchase and maintenance of books and journals.
- Collecting of indents from various departments and processing them for procurement.
- Preparation of annual budget for the Library.
- Furnishing information on all matters relating to library.
- Updating the records, books and computer systems.
- Removing the obsolete book materials in consulting with concerned department, securing the soiled through rebinding and binding, arrangements of important back volumes.
- Annual stock verification.

Alumni Association Coordinator

- Alumni Association maintenance
- Communication with Alumni

Administrative Officer

- Liaison work with AICTE, DOTE and Affiliating University.
- Preparation of various reports for the college.
- Any other duty as may be assigned by the Principal
- Maintenance of Students' and staff files.

Service Rules, Recruitment and Promotion Policy

The service rules, the recruitment procedure and the promotion policies are framed in accordance to the norms of AICTE, Anna University

File Description	Document
Upload Additional information	[View Document](#)
Institutional perspective Plan and deployment documents on the website	[View Document](#)

6.2.2

Institution implements e-governance in its operations

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

Response: B. 3 of the above

File Description	Document
Screen shots of user interfaces of each module reflecting the name of the HEI	[View Document](#)
Institutional expenditure statements for the budget heads of e-governance implementation ERP Document	[View Document](#)

6.3 Faculty Empowerment Strategies

6.3.1

The institution has performance appraisal system, effective welfare measures for teaching and non-teaching staff and avenues for career development/progression

Response:

To maintain the quality of deliverables an efficient appraisal system is in place. The appraisal system has metrics that include the entire academic, research and administrative activities of the faculty. Best performing faculties are recognized and awarded in the achievers day and annual day function with cash prizes and citations.

Staff Self-appraisal

Every teaching faculty has to fill and submit the self-appraisal form to the HoDs. The self-appraisal form has questions that cover the following aspects

- Teaching – Learning process
- Results Achieved
- Research Publications
- Students feedback report from HOD
- Counseling and students interaction
- Participation in FDP / Seminar / workshop
- Fund Received or applied for Research work/ Patents / Workshops
- Quality of Projects
- Commitment to the institute activities
- Any extra-curricular activities

HoD Appraisal

HoDs evaluate the appraisal form and after careful impartial evaluation, the forms are forwarded to the Principal.

The performance of the HoDs is evaluated by the Principal.

Non – Teaching Staff

Non-teaching staff in the various levels is evaluated based on their performance. The functional heads evaluate the self-appraisal form of the non-teaching staff and forward to the Principal. The performance of non-teaching staff are measured by the following criteria

- Training Support
- Involvement in Higher Studies
- Skills development
- Housekeeping and adapting safety practices
- Dress Code & Neatness
- Active participation in the team work
- Counseling Activities
- Commitment towards the institute development

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

6.3.2

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

Response: 1.45

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

2022-23	2021-22	2020-21	2019-20	2018-19
6	0	0	3	6

File Description	Document
Policy document on providing financial support to teachers	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Copy of letter/s indicating financial assistance to teachers and list of teachers receiving financial support year-wise under each head.	[View Document](#)
Audited statement of account highlighting the financial support to teachers to attend conferences / workshop s and towards membership fee for professional bodies	[View Document](#)

6.3.3

Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

Response: 79.68

6.3.3.1 **Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP),** *Management Development Programmes (MDPs)* **professional development /administrative training programs during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
207	227	292	97	67

6.3.3.2 **Number of non-teaching staff year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
31	22	12	12	7

File Description	Document
Refresher course/Faculty Orientation or other programmes as per UGC/AICTE stipulated periods, as participated by teachers year-wise.	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Copy of the certificates of the program attended by teachers.	[View Document](#)
Annual reports highlighting the programmes undertaken by the teachers	[View Document](#)

6.4 Financial Management and Resource Mobilization

6.4.1

Institution has strategies for mobilization and optimal utilization of resources and funds from various sources (government/ nongovernment organizations) and it conducts financial audits regularly (internal and external)

Response:

The top management frames the strategies for mobilization and utilization of funds in a structured manner.

Funds mobilization

The funds for the institute were obtained by various resources like Corpus funds from the trust

Fees from the students as per the government norms Grants from government agencies and sponsorships Funds from non-government bodies and philanthropies.

Utilization of funds

In order to optimal utilization of funds the institute has a structured mechanism.

The functional heads raise the budget for every academic year for the efficient running of the functional units. The budget is approved by the management after careful evaluation of the registrar. The funds mobilized are utilized in various heads which includes,

- Salaries
- Procurement of academic materials such as books, equipment, consumables etc.,
- Maintenance of infrastructural facilities
- Organizing various events in the campus Research activities
- Outreach activities

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

6.5 Internal Quality Assurance System

6.5.1

Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities

Response:

The Internal Quality Assurance Cell plays a significant role in maintaining the quality of the institute. The IQAC has members in all capacities as prescribed by the NAAC. The members meet annually to measure the performance and recommend quality improvement measures to the governing council which plays a significant role in devising strategies.

Significant contributions of the IQAC Academics

The IQAC recommends the governing council improve the academic performance of the institute. Some of the major recommendations are

- Centralized internal assessment system Bridge courses for the fresher's Language classes
- Special coaching for the slow learners
- Students motivation towards competitive exams Quality enhancement program for topper students

Co-curricular activities

- Value Added Courses Workshops
- Seminars Symposiums Guest Lectures Industrial Visits
- Hands-on Training Programmes Placement Training Programmes

Staff improvement

- The IQAC recommended improving the research skills of the faculty
- To provide financial support for faculty to attend events outside the campus to organize FDPs for faculty

General activities

- Assessment of general facilities offered to the students

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

6.5.2

Quality assurance initiatives of the institution include:

1. **Regular meeting of Internal Quality Assurance Cell (IQAC); quality improvement initiatives identified and implemented**
2. **Academic and Administrative Audit (AAA) and follow-up action taken**
3. **Collaborative quality initiatives with other institution(s)**
4. **Participation in NIRF and other recognized rankings**
5. **Any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA etc.**

Response: A. Any 4 or more of the above

File Description	Document
Quality audit reports/certificate as applicable and valid for the assessment period.	[View Document](#)
NIRF report, AAA report and details on follow up actions	[View Document](#)
List of Collaborative quality initiatives with other institution(s) along with brochures and geo-tagged photos with caption and date.	[View Document](#)
Link to Minute of IQAC meetings, hosted on HEI website	[View Document](#)

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1

Institution has initiated the Gender Audit and measures for the promotion of gender equity during the last five years.

Describe the gender equity & sensitization in curricular and co-curricular activities, facilities for women on campus etc., within 500 words

Response:

The institute is keen in promoting gender equity which we believe will avoid discriminations based on gender. Several initiatives have been in place to ensure gender equality.

Women's Day Program

The institute organizes women's day program every year in which students and staff will participate. The program emphasizes on the women empowerment ideas. An active women empowerment cell is functioning with women faculty as its members, the problems faced by the women students will be addressed in this cell meeting and if there are any discrepancies arises it will be sorted out at the earliest.

Safety and Security

Arunai Engineering College is well known for the safety of women students. The management takes ample steps in improving the women safety and ensuring it periodically.

- The campus is secured with compound walls to avoid intruders inside the campus
- Securities were deputed in main gates and hostel gates to guard the students
- The hostel campuses are fully secured with compound walls
- Proper lighting is providing in all the entrances of buildings
- CCTV cameras were installed in prominent places of the institute
- Hostel inmates are allowed to entry and exit between 06.00AM to 08.00PM
- Wardens were deputed in all the hostels to take care of the inmates
- An active disciplinary committee comprising of staff members will monitor the discipline of students
- Block supervisors were deputed in every block, they will be patrolling in the blocks to avoid any issues.

Counselling

For effective monitoring of students an effective counselling system is in place. Both boys and girls students were divided into small groups and a student counsellor is allocated in the department level. The counsellors will interact with the students and records if any grievances faced by the student and report to the HoDs.

Common room

Girls common rooms is available in every block with restrooms. Boys common room is available. Boys and girls are allowed to utilize the common rooms for any emergency purpose during class hours. During the break, lunch and leisure times students will be allowed to utilize the common rooms.

Day Care

The Institution provides day care facilities for teaching, nonteaching, supporting staff members at free of cost. The Day Care runs as per college timings.

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

7.1.2

The Institution has facilities and initiatives for

1. **Alternate sources of energy and energy conservation measures**
2. **Management of the various types of degradable and nondegradable waste**
3. **Water conservation**
4. **Green campus initiatives**
5. **Disabled-friendly, barrier free environment**

Response: A. 4 or All of the above

File Description	Document
Policy document on the green campus/plastic free campus.	[View Document](#)
Geo-tagged photographs/videos of the facilities.	[View Document](#)
Circulars and report of activities for the implementation of the initiatives document	[View Document](#)
Bills for the purchase of equipment's for the facilities created under this metric	[View Document](#)

7.1.3

Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following

1. **Green audit / Environment audit**
2. **Energy audit**

3. **Clean and green campus initiatives**
4. **Beyond the campus environmental promotion activities**

Response: A. All of the above

File Description	Document
Report on Environmental Promotional activities conducted beyond the campus with geo tagged photographs with caption and date	[View Document](#)
Policy document on environment and energy usage Certificate from the auditing agency	[View Document](#)
Green audit/environmental audit report from recognized bodies	[View Document](#)
Certificates of the awards received from recognized agency (if any).	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

7.1.4

Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and Sensitization of students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens (Within 500 words)

Response:

The institute provides scope to every stakeholder to be a part in the team for inclusive growth. Several initiatives were proposed and executed by the institute for this. The units of the institute like NSS, YRC, etc., take part in the social and communal development activities. NSS wing of the institute conducts camps in nearby villages to disseminate the technologies available for the communal development, their activity generally includes orientation program for the general public in health, sanitization and environment.

The YRC unit conducts blood donation camps and various awareness programs which includes road safety and health care activities.

The institute encourages students to participate in cultural and sporting activities by which the students can improvise the skills. Sporting activities enhance the students skills in team work, time management and general behaviors, the institute organizes sports day and college day where the students participate in teams and improve their ability to mingle in the society and learn social responsibilities.

The institute actively engaged the students and staffs in helping hands to the society during the natural calamities, it generate funds for flood relief and other natural calamities, those were distributed directly

to the affected areas.

As a social responsibility the institute organizes various events like Padikarkkal – a motivational program for HSc students and Oviya – an art competition for school students

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

7.2 Best Practices

7.2.1

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

Response:

Best Practice 1

Title:

Community-Centric Projects: Fostering Skill Development and Entrepreneurship among Students

Objectives:

- Identify community-focused projects beneficial to the local populace while nurturing student skill development and entrepreneurial spirit.
- Assign projects to students to enhance their practical skills and entrepreneurial mindset.
- Select suitable faculty members as mentors to guide students based on their expertise.
- Recognize outstanding projects with awards, further encouraging innovation and entrepreneurship.

Context:

Our institution is dedicated to improving the local community while providing students with opportunities for skill development and entrepreneurship through practical projects.

Practice:

- Identified various community issues in collaboration with governmental and non-governmental bodies, focusing on projects with dual benefits for both the community and student development.
- Engaged in discussions with the Principal and Heads of Departments to select and allocate projects that align with student skill enhancement and entrepreneurial goals.

- Provided infrastructural, financial, and technical support for project execution, fostering an environment conducive to student innovation.
- Designated these projects as special initiatives under the Principal's supervision, emphasizing their importance in nurturing student talent and entrepreneurial spirit.
- Dedicated completed projects to the community, showcasing the practical outcomes of student learning and innovation.
- Nominated projects for awards and facilitated financial support for winners to attend ceremonies, reinforcing the value of entrepreneurial thinking and innovation among students.

Evidence of Success:

- Collaboration with the District Police resulted in the development of a car parking management software, providing students with hands-on experience in software development and entrepreneurship.
- A software to track missing children during festivities was developed in coordination with the District Police, offering students the opportunity to apply their technical skills to address pressing community needs.
- The Mechanical Engineering department's Solar Trike project not only served the community but also provided students with experience in sustainable engineering and potential entrepreneurship opportunities.
- Several projects received national recognition and awards, highlighting students' entrepreneurial endeavors and innovative solutions to societal challenges.

Challenges Faced and Resources Required:

- Overcoming students' lack of self-confidence from rural backgrounds while providing them with mentorship and resources to develop their skills and entrepreneurial mindset.
- Motivating young faculty members to actively participate in these initiatives and serve as mentors to students, fostering a culture of entrepreneurship and innovation within the institution.

Best Practice 2

Title:

Alumni Engagement for Student Guidance and Institute Enhancement

Objectives:

- Foster collaboration between alumni and current students to provide technical guidance and job-oriented insights aligned with industry needs.
- Create a platform for alumni to contribute to the development of the institute and mentor current students.
- Recognize outstanding alumni contributions through awards, encouraging ongoing engagement and support.
- The vision of our institution is "We, Shape and Transform youth with utmost care, innovative and dedicated service for the cause of morals and Education – A Deal which needs no applauses but our products are our ambassadors".

Context:

Arunai Engineering College recognizes the invaluable expertise and experience of its alumni in enhancing student learning and institute advancement. In response to industry demands for relevant skills and knowledge, the college leverages alumni connections to provide practical insights and guidance to current students.

Practice:

- Actively engage alumni in providing technical guidance and job-oriented inputs to current students, addressing the evolving requirements of industries and companies.
- Organize events and platforms, such as alumni-invited sessions and networking opportunities, to facilitate interactions between alumni and current students.
- Host annual events like the Achievers Day on 15th March to honor and award outstanding alumni for their contributions to the institute and society.
- Encourage ongoing communication and collaboration between alumni and the college community through alumni networks, social media platforms, and alumni association initiatives.
- Provide resources and support to facilitate alumni engagement, including alumni databases, event coordination, and communication channels.

Evidence of Success:

- Increased engagement and participation of alumni in mentoring current students and providing industry-relevant guidance.
- Positive feedback from students regarding the practical insights and career advice received from alumni interactions.
- Recognition and appreciation of outstanding alumni contributions through awards and accolades, motivating continued involvement and support.
- Enhanced institute reputation and alumni satisfaction resulting from meaningful collaborations and interactions between alumni and the college community.

Challenges Faced and Resources Required:

- Ensuring consistent alumni participation and engagement, particularly among alumni who may have competing priorities or limited availability.
- Addressing logistical challenges in organizing events and facilitating alumni interactions, including scheduling conflicts and resource constraints.
- Overcoming communication barriers and ensuring effective dissemination of information and opportunities to alumni, particularly those who may be less connected or responsive.
- Event coordination resources, including staff and facilities, to organize alumni-invited sessions and networking events.
- Recognition and award mechanisms to honor outstanding alumni contributions and foster ongoing engagement and support.

File Description	Document
Best practices as hosted on the Institutional website	[View Document](#)

7.3 Institutional Distinctiveness

7.3.1

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

Response:

The motto of the college, "Success through hard work," is not just a phrase but a guiding principle that has driven the institution's journey for the past 30 years. Nestled in a rural area, Arunai Engineering College has been dedicated to providing quality education to the community, enriching lives, and shaping futures. Over the years, the institute has garnered several accolades, reflecting its commitment to excellence and innovation in education.

The vision of our Institution says, "We, Shape and Transform youth with utmost care, innovative and dedicated service for the cause of morals and Education - A Deal which needs no applauses but our products are our ambassadors." This vision underscores our dedication to nurturing and empowering the young minds who are the future pillars of our nation. Through a blend of academic rigor and extracurricular activities, we instill in our students not just knowledge but also moral values, shaping them into responsible citizens poised to contribute meaningfully to society. Our alumni, spread across the globe and excelling in their respective fields, stand testament to the efficacy of our approach.

Aligned with our vision is our mission: "We, at Arunai Engineering College, will bring out and enlighten the hidden technical skills and abilities of youth with highest quality technical education and proper discipline." Situated in a rural backdrop, we are attuned to the needs of our community, endeavoring to provide world-class exposure and opportunities to our students. We take pride in nurturing the technical competence of our students, fostering innovation, and enhancing their self-confidence. Through interactions with researchers, industrialists, and motivational speakers, we enrich their learning experiences, preparing them for the challenges of the real world.

Arunai Engineering College, located approximately 3 kilometers from the bustling city of Tiruvannamalai, boasts of a serene and environmentally friendly campus. Our commitment to sustainability is encapsulated in our motto, "Clean Arunai Green Arunai," which reflects our collective efforts to maintain a clean and green environment through the active participation of all stakeholders.

In addition to academic excellence, the institute places a strong emphasis on bridging the gap between academia and industries. Industrialists are frequently invited to interact with students, providing invaluable insights and exposure. Students are encouraged to undertake internships and industrial visits, thereby gaining practical insights into their respective fields. The training and placement cell works tirelessly to ensure that students are well-prepared for the professional world, facilitating internships and securing placements for them upon completion of their courses.

Furthermore, recognizing the financial constraints faced by many students, particularly those from rural backgrounds, the institute offers merit scholarships based on academic performance. In the academic years 2022-23 and 2023-24, nearly 150 and 200 students respectively benefited from these scholarships, totaling an amount of Rupees 7 lakhs and 8 lakhs respectively. Additionally, a significant proportion of our student intake comprises first-generation learners, with approximately 20% admitted in 2022-23 and 22% in 2023-24 being the first graduates in their families.

Committed to upholding standards, Arunai Engineering College diligently adheres to regulations prescribed by regulatory authorities such as the State Government, Central Government, UGC, AICTE, etc. The Institute is accredited by NAAC, five courses are accredited by NBA and also an ISO 9001:2015 certified by DNV, Netherlands. Furthermore, recognizing the importance of continuous learning and development, the institute supports its staff in enhancing their skills through financial assistance and permissions to pursue higher studies and research-oriented programs in reputed institutes worldwide.

In essence, Arunai Engineering College stands as a beacon of excellence, steadfast in its commitment to nurturing talent, fostering innovation, and shaping responsible global citizens. With a legacy of 30 years and counting, we continue to strive for excellence, guided by our motto and driven by our vision to transform lives and empower futures.

File Description	Document
Appropriate web in the Institutional website	[View Document](#)

5. CONCLUSION

Additional Information :

Situated in a rural area of the state, the Institute is committed to providing affordable and high-quality technical education to the local community. Over its 30-year history, the institution has produced numerous engineers and technocrats who have gone on to work in prestigious firms worldwide. With a dedication to enhancing educational standards, the institute actively seeks to add value through certifications from esteemed organizations. As part of this effort, we are currently in the process of applying for NAAC Accreditation, anticipating that it will contribute significantly to the growth and excellence of the Institute.

Concluding Remarks :

Established in the rural part of the state with a philanthropic vision to provide technical education to the underserved rural population, Arunai Engineering College has been dedicated to this noble cause for the past 30 years. The institution is committed to aligning itself with the nation's development, consistently excelling in education, research, and social activities. Guided by the mission, "Our products are our ambassadors," the institute actively practices this ethos, seeking recognition in NIRF, AISHE, NAAC, NBA, and IIC (AICTE).

Emphasizing holistic development, students are trained in curricular, co-curricular, extracurricular, cultural, and sporting activities while actively engaging in social initiatives for the local community's upliftment. Over the course of three decades, the institute has produced numerous engineers and technologists, placing them in prestigious positions. The pride lies in contributing to the upliftment of the rural community and playing a role in nation-building. The global placement of our students in renowned companies attests to the quality of education we provide.

As part of continuous improvement, the institute is seeking accreditation from NAAC, NBA, and ISO. Having achieved an 'A' grade in the 2nd cycle and B+ in the 3rd cycle, the institute believes in its potential to attain an even higher 'A' grade and is currently in the process of applying for reassessment.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification
1.2.1	**Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)** Answer before DVV Verification : 60 Answer After DVV Verification :63
1.3.2	**Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)** 1.3.2.1. **Number of students undertaking project work/field work / internships** Answer before DVV Verification : 678 Answer after DVV Verification: 678
1.4.1	*Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website* Answer before DVV Verification : A. Feedback collected, analysed, action taken& communicated to the relevant bodies and feedback hosted on the institutional website Answer After DVV Verification: B. Feedback collected, analysed and action has been taken and communicated to the relevant bodies Remark : Input edited as per the supporting documents
2.1.1	**Enrolment percentage** 2.1.1.1. **Number of seats filled year wise during last five years (Only first year admissions to be considered)** Answer before DVV Verification: <table><tr><td>2022-23</td><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td></tr><tr><td>640</td><td>510</td><td>402</td><td>319</td><td>341</td></tr></table> Answer After DVV Verification : <table><tr><td>2022-23</td><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td></tr><tr><td>641</td><td>510</td><td>402</td><td>320</td><td>341</td></tr></table> 2.1.1.2. **Number of sanctioned seats year wise during last five years** Answer before DVV Verification: <table><tr><td>2022-23</td><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td></tr><tr><td>807</td><td>687</td><td>678</td><td>1025</td><td>997</td></tr></table> Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
807	687	678	1085	1057

2.1.2	*Percentage of seats filled against reserved categories (SC, ST, OBC etc.) as per applicable reservation policy for the first year admission during the last five years*

2.1.2.1. **Number of actual students admitted from the reserved categories year wise during last five years (Exclusive of supernumerary seats)**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
280	238	203	212	246

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
280	238	203	212	246

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
362	309	305	488	475

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
566	474	467	748	729

Remark : Input edited by Considering total number of sanctioned seats

3.4.3	*Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community during the last five years.*

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
8	11	0	11	14

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19

3	10	0	10	10

Remark : Input edited as Activities conducted involving the community and for the benefit of the community only to be considered

3.5.1	*Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.*

Answer before DVV Verification : 25
Answer After DVV Verification :24

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

4.4.1.1. **Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year wise during the last five years (INR in lakhs)**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
64.93	69.28	43.74	32.69	84.65

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
17.70	24.21	16.18	11.68	35.83

Remark : Input edited as per the supporting documents

5.1.2	*Following capacity development and skills enhancement activities are organised for improving students' capability*

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

Answer before DVV Verification : A. All of the above
Answer After DVV Verification: D. 1 of the above

Remark : Input edited as One or two programmes in a year for one or two days shall not be considered. It shall be a continues activity aiming at capacity building

5.2.1	**Percentage of placement of outgoing students and students progressing to higher education during the last five years**

5.2.1.1. **Number of outgoing students placed and / or progressed to higher education year wise during the last five years**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
287	262	269	228	219

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
285	284	269	228	219

5.2.1.2. **Number of outgoing students year wise during the last five years**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19

6.2.2

Institution implements e-governance in its operations

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

Answer before DVV Verification : A. All of the above

Answer After DVV Verification: B. 3 of the above

Remark : Provided document in supporting documents not authenticated

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6.3.2

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

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
57	60	25	56	44

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
6	0	0	3	6

Remark : Input edited as per the supporting documents

6.3.3

Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

6.3.3.1. **Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP),** *Management Development Programmes (MDPs)* **professional development /administrative training programs during the last five years**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
207	227	292	153	99

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
207	227	292	97	67

6.3.3.2. **Number of non-teaching staff year wise during the last five years**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
31	22	12	12	7

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
31	22	12	12	7

Remark : Input edited as per the supporting documents

7.1.2	**The Institution has facilities and initiatives for** 1. **Alternate sources of energy and energy conservation measures** 2. **Management of the various types of degradable and nondegradable waste** 3. **Water conservation** 4. **Green campus initiatives** 5. **Disabled-friendly, barrier free environment** Answer before DVV Verification : A. 4 or All of the above Answer After DVV Verification: A. 4 or All of the above

2.Extended Profile Deviations

ID	Extended Questions
1.1	**Number of students year wise during the last five years** Answer before DVV Verification: Answer After DVV Verification:

Where TABLE_PLACEHOLDER_1 is:

2022-23	2021-22	2020-21	2019-20	2018-19
1922	1748	1629	1436	1695

2022-23	2021-22	2020-21	2019-20	2018-19

20-08-2024 10:13:25

1922	01748	1629	1436	1695