YEARLY STATUS REPORT - 2023-2024

Part A
Data of the Institution

1.Name of the Institution	Dr AMBEDKAR INSTITUTE OF TECHNOLOGY
• Name of the Head of the institution	Dr C Nanjundaswamy
• Designation	PRINCIPAL
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	08023211232
• Alternate phone No.	08023211232
• Mobile No. (Principal)	9986003865
• Registered e-mail ID (Principal)	principal@drait.edu.in
• Address	Jnana Bharathi Campus
• City/Town	BENGALURU
• State/UT	KARNATAKA
• Pin Code	560056
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	09/10/2010
• Type of Institution	Co-education
• Location	Urban

• Financial Status	**Grants-in aid**
• Name of the IQAC Co-ordinator/Director	**Dr B SIVAKUMAR**
• Phone No.	**08023211232**
• Mobile No:	**9844468883**
• IQAC e-mail ID	**iqac@drait.edu.in**
3.Website address (Web link of the AQAR (Previous Academic Year)	https://drait.edu.in/home/AQARDocuments
4.Was the Academic Calendar prepared for that year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	https://drait.edu.in/home/Calendar-of-Events

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 2	**A+**	**3.48**	**2023**	**21/08/2023**	**20/08/2028**
Cycle 1	**A**	**3.17**	**2017**	**09/06/2017**	**08/06/2022**

6.Date of Establishment of IQAC	**09/06/2016**

7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
Dr Ambedkar Institute of Technolgy	**TEQIP**	**World Bank**	**01/04/2017**	**84000000**

8.Provide details regarding the composition of the IQAC:

• Upload the latest notification regarding the composition of the IQAC by the HEI	View File	

9.No. of IQAC meetings held during the year	3	
• Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?	Yes	
• If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded	
10.Did IQAC receive funding from any funding agency to support its activities during the year?	No	
• If yes, mention the amount		

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

Internal NAAC audit conducted by external experts International Women's day celebrated in the college AICTE approval of the college University affiliation of the college Conducted Lecturer series on Quality Initiatives Innovation & Best Practices NBA Accreditation Process (Prequalifier & SAR) Social Activities supported by NSS

12.Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:

Plan of Action	Achievements/Outcomes
Faculty workshop to be conducted on pedagogical practices .IPR and Innovation Cell to be initiated to frame courses related to IPR and Social Entrepreneurship .SWOT analysis will be done to reduce the research barriers among Faculty members. NAAC SFR to be submitted	The IQAC has created a forum for sharing information among the young faculty members regarding different courses conducted by various HRDCs across the country. Each stakeholder has been sensitized about the importance of such programmes/ courses as these courses open up vistas of new knowledge so important to nurture the quality culture of the college. Submitted NAAC report and institution is awarded with A+ Grade

13.Was the AQAR placed before the statutory body?	Yes

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
GOVERNING BODY	06/07/2024

14.Was the institutional data submitted to AISHE ?	Yes

- Year

Year	Date of Submission
2022-23	21/03/2024

15.Multidisciplinary / interdisciplinary

In order to provide holistic academic growth among students, an Interdisciplinary curriculum has been proposed which gives freedom to the student to choose their preferred options from the range of programmes offered by the institution. • The Institute offers interdisciplinary courses (open elective courses) such as Robotics, Cryptography, Artificial Intelligence and Prolog Programming,Machine Learning, Computer Integrated Manufacturing and Automation, IoT, and these courses promote a new approach among students which is otherwise not possible through classical courses. • The Institute offers Multidisciplinary Programmes viz ArtificialIntelligence and Machine Learning, Computer Science and Business Systems, and Aeronautical Engineering.

16.Academic bank of credits (ABC):

The government of India, Under National Education Policy-2020, intends to enable students across the nation with the "Academic Bank of Credits" (ABC) system for fulfilling their thirst for knowledge by providing academic flexibility to pick and modify their educational paths, link diverse disciplines, and; assist them in acquiring the proper foundations and building blocks for their ambitions. The "Academic Bank of Credits" (ABC) is an educational digital platform created to facilitate students' seamless mobility between or within degree-granting Higher Education Institutions

(HEIs) through a formal system of credit recognition, credit accumulation, credit transfers, and credit redemption in order to promote distributed and flexible teaching and learning. The ABC platform will provide students (having a DigiLocker account) with the opportunity to register for a unique ABC ID, an interactive dashboard to see their credit accumulation and options to begin a choice-based credit transfer mechanism.

17.Skill development:

The Institute has already been running courses such as Career Development skills as Aptitude skills,Verbal Ability Skills, Technical Skills, and Pre-Placement training for the students of all UG Programme from the first to the Seventh semester. •Introduced internships at various levels of the B.E.Programme to increase the employability skills of students : • All the departments have introduced Professional core electives and Global elective courses in the 3rd and 4th year B.E. and a few topics under these courses are industry based which certainly increases the skills of students in their respective fields.

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

Regarding the adoption of Indian languages, the Institute offers one of the Indian languages viz Kannada course in B.E. degree. Kannada will be taught to both Kannadiga and Non-Kannadiga students. Local languages will fetch extra credit to the student. These changes will also increase the employability opportunities for the faculty and subject experts of these languages. • Students are encouraged to visit local heritage sites/museums and they value the culture and traditions. This will also boost the tourism sector in Karnataka and Create awareness amongst students. • Every year Institute celebrates Kannada Rajyotsava on 1st November. Institute also organizes a cultural festival named as KALARAVA in which students will actively participate and present the heritage of Karnataka. •Some of our faculty members have fluency in a speech in other Indian languages like Hindi, Malayalam, Telugu, Tamil, Marathi, etc. This will help in interacting with the students of other states.

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

Outcome-based education (OBE) aims to bring about uniformity in the syllabus for all programs. A variety of approaches to the teaching-learning process like lectures, seminars, tutorials/workshops/practical and project-based learning fieldwork, technology- enabled learning internships and research work is suggested. The student learning outcome should be defined in terms

of knowledge, skills, understanding of values and employability. This institution, being autonomous with VTU, Belagavi, follows the guidelines as and when directed. • The College also makes an effort to understand that the pursuit of knowledge is a life-long activity and to acquire a positive attitude and other qualities which will lead students to a successful life. To interpret, analyze,evaluate and develop responsibility and effective citizenship is one of the programme outcomes for the students.

20.Distance education/online education:

The institution provided, (especially during COVID-19 pandemic situations) teaching learning process through different online modes like Google Classroom, Zoom, and Google, using videos as teaching and learning aids, Group collaboration and interaction and assignment and revision, as well as the assessments, have been conducted. These are some of the institutional efforts toward blended learning. Tests and Proctored Examinations were also conducted during pandemic situations. • The whole college campus is wifi enabled with digitally interactive panels installed in classrooms and hence no hindrance /obstacle was found in online education. All types of e-content material prepared by faculty members are available to all students.

Extended Profile

1.Programme

1.1   **19**

Number of programmes offered during the year:

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

2.Student

2.1   **785**

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	[View File](#)

2.2   **715**

Number of outgoing / final year students during the year:

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

2.3   **4440**

Number of students who appeared for the examinations conducted
by the institution during the year:

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

3.Academic

3.1   **19**

Number of courses in all programmes during the year:

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

3.2   **237**

Number of full-time teachers during the year:

Extended Profile

1.Programme

1.1 Number of programmes offered during the year:	**19**

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1 Total number of students during the year:	**785**

File Description	Documents
Institutional data in Prescribed format	View File

2.2 Number of outgoing / final year students during the year:	**715**

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3 Number of students who appeared for the examinations conducted by the institution during the year:	**4440**

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1 Number of courses in all programmes during the year:	**19**

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2 Number of full-time teachers during the year:	**237**

File Description	Documents
Institutional Data in Prescribed Format	<u>View File</u>

3.3 Number of sanctioned posts for the year:	**246**

4.Institution

4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	**848**
4.2 Total number of Classrooms and Seminar halls	**105**
4.3 Total number of computers on campus for academic purposes	**1600**
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	**411.55**

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

The curriculum is designed as per the guidelines of Outcome Based Education (OBE). Accordingly, the mapping of various criteria's made with the curriculum. The starting point is the input from faculty, industries, lead societies, and roadmaps. The Dept committee identifies faculty members with relevant specializations and assigns the curriculum design to them. Faculty members prepare the course curriculum incorporating the latest developments in

therespective subject domains. The Department committee lists the courses and prepares a semester-wise sequence of courses and a scheme of study. Periodically department committee meets & revisits the curriculum. The proposal is placed before the Board of Studies (BOS)/Department Advisory Board (DAB) of the Department, for deliberations and suggestions. The assessment of needs is carried out on the basis of the following: Feedback from all the stakeholders. The curricula designed are mainly focused on Employability, Innovation, and Research. Employability: The curriculum and syllabi of both UG and PG programs are prepared with the contribution of industry representatives to meet their general and specific requirements. Most of the courses of the UG and PG programs enable the students to enhance their technical and logical skills.

File Description	Documents
Upload additional information, if any	[View File](#)
Link for additional information	https://drait.edu.in/home/Academic-Council-Minutes

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

18

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	[View File](#)
Details of syllabus revision during the year	[View File](#)
Any additional information	No File Uploaded

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

338

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

514

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

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

18

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

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

In order to integrate the cross-cutting issues relevant to gender,

Page 12/115 13-02-2024 09:55:59 Annual Quality Assurance Report of DR. AMBEDKAR INSTITUTE OF TECHNOLOGY environment and sustainability, human values and professional ethics, Institute has embedded different types of courses in the curriculum. 1. Gender Sensitivity Gender sensitivity and gender sensitization is accomplished through amalgamation of theory and practice. The Committee on womens security, welfare and grievance redressal is constituted and is organising workshops on gender sensitisation. 2. Human Values and Professional Ethics One credit courses on Social connect responsibilities, Constitution of India and professional ethics & Universal Human values which are introduced to all the students. As an integral part of student engagement in social activities during their programme of study, college also mandates all the students to enroll as NSS/NCC Volunteers. It aims at inculcating values, ethics and socially responsible qualities. Students organize street plays, awareness campaigns, debates etc. Human values activities by students are being conducted since inception. 3. Environment studies A course on Environmental studies is included in all UG programmes. In order to sensitize students about the environment and sustainability issues, a number of activities such as seminars, workshops, guest lectures, industry visits and field excursions were organized for students of all programmes.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	[View File](#)
Any additional information	No File Uploaded

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

53

File Description	Documents
List of value-added courses	[View File](#)
Brochure or any other document relating to value-added courses	[View File](#)
Any additional information	No File Uploaded

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

5232

File Description	Documents
List of students enrolled	View File
Any additional information	**No File Uploaded**

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

962

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	**No File Uploaded**

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni   **A. All 4 of the above**

File Description	Documents
Provide the URL for stakeholders' feedback report	https://drait.edu.in/home/StakeHolders-Feedback
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following   **A. Feedback collected, analysed and action taken made available on the website**

File Description	Documents
Provide URL for stakeholders' feedback report	https://drait.edu.in/home/StakeHolders-Feedback
Any additional information	**No File Uploaded**

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

4405

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

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

2306

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

1. Assessment and Identification:

- **Conduct thorough assessments to identify slow learners within the departments.**
- **Utilize various metrics such as academic performance, participation levels, and feedback from instructors to identify areas of improvement.**

2. Personalized Learning Plans:

- Develop personalized learning plans for each identified slow learner by doing Proctoring, considering their unique strengths, weaknesses, and learning styles.
- Collaborate with instructors, mentors, and support staff to tailor learning plans to address specific challenges and goals.

3. Targeted Instructional Support:

- Provide targeted instructional support through additional tutoring sessions, remedial classes, or peer-assisted learning groups.
- Offer supplementary resources such as instructional videos, study guides, and interactive online modules to reinforce learning outside of the classroom.

4. Regular Progress Monitoring:

- Implement regular progress monitoring mechanisms to track the academic progress of slow learners by respective mentors.
- Conduct periodic assessments to gauge comprehension and identify areas requiring further support or intervention.

5. Mentoring and Guidance:

- Pair slow learners with experienced mentors or peer mentors who can provide personalized guidance, academic support, and encouragement.
- Encourage mentors to foster a supportive and nurturing learning environment, offering constructive feedback and facilitating goal setting after Test-1, test-2.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://drait.edu.in/home/Academic-Regulations

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
25/07/2024	4405	235

File Description	Documents
Upload any additional information	View File

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:

The Institute employs a student-centric teaching methodology that emphasizes clear educational goals and outcomes right from the outset of each course. This approach ensures students understand the primary focus areas from the beginning.

To foster creativity and enhance cognitive abilities, the Institute integrates experiential learning through various innovative methods such as Audio-Visual techniques and Language Labs. Students are equipped with access to curated e-materials and platforms like NPTEL and QEEE to explore topics of personal interest.

Additionally, the Institute offers non-credit courses on employability skills to enhance students' overall development. Interactive laboratory sessions, industry internships, and industrial visits further enrich their learning experience. Students also have opportunities to participate in certification courses and simulated events like hackathons, gaining practical experience with real-world applications. They culminate their learning journey with project development in cutting-edge technologies, showcasing their work in technical festivals.

File Description	Documents
Upload any additional information	View File
Link for additional Information	https://drait.edu.in/home/Placement-Training

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

The faculty utilizes cutting-edge technologies and facilities to enhance teaching effectiveness, including:

- Computer-aided methods using PowerPoint presentations via LED

projectors - Access to e-learning materials such as e-books, e-journals, NPTEL, and QEEE - A comprehensive Digital Library with online resources from IEEE, Springer, Elsevier, ASME, and ASCE - ICT tools like SMART boards with data storage capabilities - WiFi-enabled campus for flexible learning across all areas - Department-specific resources including computers, notebooks, laptops with internet access - Multimedia facilities in each department for guest lectures and seminars - Modern learning software in laboratories - Computer-based academic practices for syllabus uploads, question banks, attendance, and results management

Furthermore, the institute conducts orientation courses for new faculty members and encourages their participation in workshops organized by other institutions.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://drait.edu.in/home/eResources
Upload any additional information	View File

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

249

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

The Academic Calendar at the institution plays a pivotal role in ensuring efficient operations each semester. Here's how it is prepared and adhered to:

Every semester the Dean(Academic) prepares the Academic Calendar for the institution's effective functioning. The draft calendar is discussed and approved by the College Council. The Academic

Calendar ensures the smooth functioning of the Institution. The academic calendar provides the total effective working days available in a given semester. The Calendar includes the details of all the working days, holidays, dates of the Continuous Internal Assessment Tests, submission of attendance defaulter reports, Examinations, declaration of results, list of activities of the academic year, and the dates of national as well as religious importance. The same is also uploaded on the website. The institution carries out the activities as per the calendar. Teaching Plan: All courses are handled as per the schedule in the academic calendar and timetable. The faculty prepare a unit-wise teaching plan, describing timescale, teaching aids, methods of teaching-learning, and assessment of the same and it is duly approved after careful examination by the Head of the Department and made available to the students.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	[View File](#)

2.4 - Teacher Profile and Quality

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

249

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	[View File](#)
List of the faculty members authenticated by the Head of HEI	[View File](#)
Any additional information	No File Uploaded

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

133

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	No File Uploaded

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

21

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	No File Uploaded

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

50

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	No File Uploaded

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

0

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	No File Uploaded
Upload any additional information	No File Uploaded

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

Dr. Ambedkar Institute of Technology has been actively reforming its examination procedures by integrating IT across all facets of the examination system. These reforms are particularly focused on enhancing Continuous Internal Assessment (CIA) processes and automating Semester End Examinations using proprietary IT software developed in-house. This IT integration has not only modernized but also accelerated the entire examination mechanism.

1. **Continuous Internal Assessment (CIA)**: CIA procedures are conducted within respective departments. The examination section prepares B-forms based on room allotments, facilitating smooth CIA operations. A specialized software has been developed to enable departments to print these B-forms efficiently.

2. **Faculty Integration**: Faculty members utilize the institute's IT infrastructure to submit CIA marks to the examination section. This electronic submission process ensures accuracy and efficiency in recording and processing assessment data.

3. **Transparency and Accessibility**: CIA marks, along with student attendance statuses and NSA (Non-Submittable Assignments) / NSC (Non-Submittable Components) details, are promptly published on the institute's website. This transparency allows students and stakeholders to access their performance records easily.

These reforms underscore the institute's commitment to leveraging technology for improving examination procedures, ensuring fairness, efficiency, and accessibility in the assessment and evaluation processes for all students and faculty members alike.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	http://results.drait.in/

2.6 - Student Performance and Learning Outcomes

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

Program Outcomes (POs) are overarching statements describing the professional achievements expected of students upon completion of a program. These encompass a range of knowledge, skills, and personal attributes that students are intended to develop throughout their studies. These outcomes are categorized into several interrelated areas.

Program Specific Outcomes (PSOs), on the other hand, detail specific skills and accomplishments that students are expected to demonstrate by the conclusion of the program. PSOs are developed collaboratively by program coordinators in consultation with course coordinators to ensure alignment with the broader program objectives.

Course Outcomes (COs) are precise declarations of what students should know and be capable of upon finishing individual courses. COs also indicate the depth of learning expected from each course.

In adherence to Outcome Based Education (OBE) principles, the department responsible for the program works closely with faculty members and stakeholders to define PSOs, Programme Educational Objectives (PEOs), and COs.

Heads of Departments (HODs) play a crucial role in educating students about POs, PSOs, PEOs, and COs. Faculty members, mentors, course coordinators, and program coordinators also contribute to this educational process, ensuring that students understand and appreciate the objectives guiding their educational journey.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	No File Uploaded
Link for additional Information	https://drait.edu.in/home/Computer-Science-and-Engineering-Syllabus

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

The curriculum and syllabus at our institution are meticulously developed to align with Program Outcomes (POs), Programme Educational Objectives (PEOs), Programme Specific Outcomes (PSOs), and Course Outcomes (COs). At the beginning of each semester, Course Coordinators establish target values for their courses and clearly communicate the assessment methods to students.

Direct Assessment Tools: 1. **Continuous Internal Evaluation (CIE):** This includes three internal assessment tests conducted in all theory courses each semester. Each assessment comprises objective and descriptive questions. The final CIE marks are determined based on the best two performances out of the three assessments, along with marks from assignments and group activities, up to a maximum of 50 marks.

Indirect Assessment Tools: 2. **Graduate Exit Survey:** Student feedback is integral to our program evaluation process. The Graduate Exit Survey provides valuable insights into the overall assessment of the program. This feedback helps maintain and enhance the quality of our graduate programs.

These assessment tools ensure that our educational programs are not only aligned with predefined outcomes but also continuously improved based on comprehensive feedback from both faculty and students. This approach supports our commitment to delivering high-quality education that prepares students effectively for their professional careers.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	https://drait.edu.in/home/NBA

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

715

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	[View File](#)
Upload any additional information	**No File Uploaded**
Paste link for the annual report	https://drait.edu.in/home/Mandatory-Disclosure

2.7 - Student Satisfaction Survey

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

https://drait.edu.in/home/Student-Feedback

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

The research facilities at the institution encompass a variety of specialized labs and resources aimed at enhancing the capabilities of students and faculty across different disciplines:

1. **Virtual Instrumentation Lab**: Equipped with advanced virtual instrumentation technologies for conducting experiments and research in a simulated environment.

2. **Oil Testing Lab**: Dedicated to the analysis and testing of various types of oils, ensuring quality and performance standards are met.

3. **Material Testing Lab**: Provides facilities for testing the properties and characteristics of materials used in engineering and other fields.

4. **Mobile Communication Lab**: Focuses on research and development in mobile communication technologies, enabling experimentation and innovation in this rapidly evolving field.

5. **Texas Instrumentation Lab**: Utilizes Texas Instruments' technologies and equipment for research and development purposes, particularly in areas like electronics and semiconductor technology.

These labs serve as crucial platforms for conducting research, experiments, and practical applications across multiple domains. The institution's commitment to research and development is evidenced by the management's allocation of budgetary resources specifically for the upgradation of R&D facilities across 15 departments. This investment ensures that the labs remain at the forefront of technological advancements, supporting academic excellence and innovation in research endeavors.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	[View File](#)
Provide URL of policy document on promotion of research uploaded on the website	https://drait.edu.in/home/R-and-D-Cell
Any additional information	[View File](#)

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

1069000

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	View File
Any additional information	No File Uploaded

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

2

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	View File

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

64.82

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	No File Uploaded

3.2.2 - Number of teachers having research projects during the year

8

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional Information	https://drait.edu.in/home/Funded-Research-Projects
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

54

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	**No File Uploaded**
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

5

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	http://www.vgst.in/
Any additional information	**No File Uploaded**

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

Ambedkar Centre for Tech Startup (ACTS) – The Startup Cell, operates with the primary objective of fostering and nurturing tech startups within the institution.

1. **Partnerships and Ecosystem Development**: - ACTS collaborates

```
with national and global partners to create a conducive
environment for tech startups. - Involves Dr. Ambedkar Institute
of Technology (Dr. AIT) faculty, alumni, and external stakeholders
to support student entrepreneurs.

2. **Support Offered to Student Entrepreneurs**: - Provides
guidance in project development, business planning, and
commercializing technologies. - Assists in accessing early-stage
funding and provides advice on intellectual property rights (IPR).

3. **Quarterly Meetings and Documentation**: - Calls for quarterly
meetings of departmental Startup Coordinators to discuss progress
and initiatives. - Ensures documentation of meeting proceedings
including photos, minutes, and videos, which are uploaded to
YouTube and shared with relevant authorities for transparency and
record-keeping.

4. **Monitoring and Encouragement**: - Tracks the progress of
startup activities across departments to assess growth and impact.
- Encourages Department Startup Coordinators to organize seminars,
webinars, workshops, and other events related to startups,
incubation, entrepreneurship, and IPR.

5. **Academic Integration**: - Integrates startup-related
activities into the academic curriculum to provide practical
exposure and learning opportunities for students interested in
entrepreneurship.
```

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://drait.edu.in/home/ACTS

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

9

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	No File Uploaded

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software

A. All of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	No File Uploaded

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

154

File Description	Documents
URL to the research page on HEI website	https://drait.edu.in/home/R-and-D-Cell
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	No File Uploaded

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

149

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	**No File Uploaded**

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

16

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drait.edu.in/home/ACTS

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

2878

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	**No File Uploaded**

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

161

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	View File

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

0.042

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	No File Uploaded
Any additional information	No File Uploaded

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

0.042

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	View File
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	No File Uploaded

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

The college actively encourages both faculty and students to initiate and participate in programs that raise awareness about various societal issues.

1. **Blood Donation Camps**: Regularly organized to contribute to blood banks and support medical emergencies.

2. **Tree Plantation**: Initiatives aimed at increasing green cover and environmental conservation.

3. **AIDS Awareness Programs**: Campaigns to educate the community about HIV/AIDS prevention and treatment.

4. **Clean Energy Initiatives**: Promoting awareness and adoption of clean and renewable energy sources.

5. **Rainwater Harvesting**: Encouraging sustainable water management practices.

6. **Health Camps (Eye Testing)**: Providing free eye check-ups to promote eye health and awareness.

7. **Computer Awareness Programs**: Educating individuals about the importance and use of computers in daily life.

The college provides a platform for students to collaborate and showcase their talents in cultural activities such as dramatics, singing, dancing, quizzes, debates, and music.

One of the flagship events organized by the college is "SANSKRITI," an inter-collegiate fest. This event serves as a platform for students to demonstrate their skills, engage in cultural exchange, and foster personal and professional growth.

Moreover, the college emphasizes social responsibility through programs like campus cleaning drives (Shramdan), personality development workshops, village adoption initiatives, and various awareness campaigns.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	https://drait.edu.in/home/NSS

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

6

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	**No File Uploaded**

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

31

File Description	Documents
Reports of the events organized	View File
Any additional information	**No File Uploaded**

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

3455

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

55

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	**No File Uploaded**

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

5

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	[View File](#)
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	[View File](#)
Any additional information	**No File Uploaded**

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The Institute, established in 1980, has grown to offer a comprehensive array of academic programs as of June 2023, including 13 undergraduate, 7 postgraduate, and 15 Ph.D. programs. The institution has diligently planned and constructed its physical infrastructure to support its educational mission.

The key aspects of the physical infrastructure and the steps taken to ensure its adequacy and optimal utilization:

1. **Physical Infrastructure Overview**: - Total land area: 20.3 Acres - Constructed area: Approximately 54,462 sq.m

- Facilities include: - 106 classrooms for UG and PG programs - 7 air-conditioned seminar halls - Auditorium - Faculty rooms - Wide corridors with good natural lighting - Open-air auditorium with a capacity of 1000

2. **Planning and Utilization Steps**: - **Identification of Requirements**: The Head of the institution takes responsibility for identifying the institution's infrastructure needs. - **Departmental Planning**: Heads of departments and faculty members collaborate to plan specific requirements at the departmental level. - **Submission and Approval**: Once planned, these requirements are submitted to the Head of the institution for approval, ensuring alignment with overall institutional goals and priorities.

These structured steps ensure that the physical infrastructure not

only meets current academic needs but also anticipates future growth and developments.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://drait.edu.in/

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

Cultural Activities: The college boasts a well-equipped auditorium featuring excellent acoustics, modern lighting, and a state-of-the-art sound system with a seating capacity of 650.

Recreational Facilities: Hostel amenities include recreational options like a gymnasium and yoga center, promoting physical well-being among students.

Indoor Sports Facilities: The campus offers comprehensive indoor sports facilities, including a fully equipped gymnasium, as well as provisions for table tennis, carom, and badminton courts.

Outdoor Sports Facilities: For outdoor sports enthusiasts, the college provides facilities such as cricket grounds, football fields, volleyball courts, basketball courts, and a running track.

Medical Support: The proximity to leading hospitals like Fortis Hospital and GM Hospital, both within 100 meters from the campus, ensures swift access to medical services in case of emergencies. The college has also established a Memorandum of Understanding (MOU) with Panacea Hospital to provide medical support for any urgent cases involving students, staff, or faculty members. Additionally, government-run ambulance services are readily available via a 108 helpline.

Sports Management: The college emphasizes sports activities, with dedicated oversight from a qualified Physical Education Director (PED). Students actively participate in a variety of sports, facilitated by facilities that support both indoor and outdoor activities.

File Description	Documents
Geotagged pictures	[View File](#)
Upload any additional information	[View File](#)
Paste link for additional information	https://drait.edu.in/home/Sports

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

85

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

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

152.5

File Description	Documents
Upload audited utilization statements	[View File](#)
Details of Expenditure, excluding salary, during the years	[View File](#)
Any additional information	**No File Uploaded**

4.2 - Library as a Learning Resource

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

Libsoft is an advanced library management software designed to streamline operations through online support and RFID integration. Here are the key features and functionalities of Libsoft:

1. **Efficient Book Issuing and Returning**: - Enables quick issuing and returning of books and materials without the need for library staff intervention.

2. **Comprehensive Reporting**: - Provides detailed reports on each student's library activities, including log-in and log-out times, issued books, reference usage, and digital library interactions. - Generates reports on unique titles, department-wise book distributions, and daily transactions for administrative purposes.

3. **RFID Integration**: - Integrated with RFID technology to enhance security and prevent theft of library materials. - Facilitates easy identification and availability check of required books for faculty and students.

4. **User Database Accessibility**: - Maintains a centralized database of faculty and student information, linking their accounts with available library resources.

5. **Automatic Book Tracking**: - Automates tracking of books throughout their lifecycle, from new orders to arrival and reminder notifications. 6. **Web OPAC (Online Public Access Catalog)**: - Web-based application accessible via both Intranet and Internet services.

7. **Stock Verification**: - Simplifies stock verification processes through efficient software management tools, ensuring accurate inventory management.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://drait.edu.in/home/About-Library

4.2.2 - Institution has access to the following: A. Any 4 or more of the above
e-journals e-ShodhSindhu Shodhganga
Membership e-books Databases Remote
access to e-resources

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	[View File](#)
Upload any additional information	[View File](#)

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

44.95

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

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

400

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	View File

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

The college has implemented a comprehensive IT policy that encompasses standards for IT Service Management, Information Security, and Network management. Key aspects of the IT policy include:

1. **Infrastructure Upgradation and Budget Allocation**: - Regular upgrades are made to IT infrastructure, including Wi-Fi, cybersecurity measures, software updates, and ICT-enabled teaching-learning tools. - An annual budget is allocated specifically for IT facility upgrades and system enhancements.

2. **Bandwidth and Wi-Fi Facilities**: - The campus's internet bandwidth has been upgraded from 1 Gbps to 1.50 Gbps, facilitating faster and more reliable internet access. - Additional Wi-Fi routers with high configuration have been deployed across the campus and hostels.

3. **Computing Resources**: - The institution boasts a total of 1600 Personal Computers (PCs) equipped with i5 and i7 processors, catering to the computing needs of students, faculty, and administrative staff. - These resources support a wide range of activities including project work, research, and administrative tasks.

4. **Policy Framework and Compliance**: - Policies are in place for procurement, installation of hardware, networks, and software, ensuring standardized practices and adherence to regulatory requirements. - Violations of IT policies are taken seriously, and disciplinary actions are implemented against offenders as per institutional guidelines.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.speedtest.net/

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3	1

File Description	Documents
Upload any additional information	[View File](#)

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

A. ?50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	[View File](#)
Upload any additional information	[View File](#)

4.3.4 - Institution has facilities for e-content development: Facilities available

B. Any three of the above

**for e-content development Media Centre
Audio-Visual Centre Lecture Capturing
System (LCS) Mixing equipments and
software for editing**

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://drait.edu.in/home/Computer-Applications-MCA-Materials
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

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

259.05

File Description	Documents
Audited statements of accounts	**No File Uploaded**
Upload any additional information	View File

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

The college maintains a structured policy and system to effectively manage both its physical and academic facilities, ensuring optimal utilization and upkeep.

Classroom Management: Classrooms are treated as essential workspaces and are managed according to guidelines set by the Management and the University. Key aspects include:

1. **Modern Technology Integration:** - Classrooms are equipped with advanced technology such as smart boards, microphone systems, and other tools to enhance teaching effectiveness and student engagement.

2. **Safety and Security Measures:** - CCTV cameras are installed in each classroom to ensure the safety and security of students, teachers, and equipment.

3. **Asset Management:** - A comprehensive stock list of classroom assets is maintained.

4. **Annual Maintenance Contracts (AMCs):** - All modern teaching technologies are covered under AMCs to ensure they are regularly serviced and maintained.

Laboratory Management: Laboratories, being integral to science departments, are managed with a dedicated policy framework:

1. **Equipment Maintenance:** - The laboratory houses various instruments and equipment critical for scientific experiments and research. - These assets are maintained through AMCs to ensure their functionality and longevity.

2. **Policy Adherence:** - The laboratory policy governs the operational aspects, including safety protocols, equipment usage guidelines, and maintenance procedures.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://drait.edu.in/home/Library-Rules-and-Regulations

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

1910

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	[View File](#)
Upload any additional information	No File Uploaded

5.1.2 - Number of students benefitted by scholarships and freeships provided by the

institution and non-government agencies during the year

0

File Description	Documents
Upload any additional information	View File
Institutional data in prescribed format	View File

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

A. All of the above

File Description	Documents
Link to Institutional website	https://drait.edu.in/home/Placement-Training
Details of capability development and schemes	View File
Any additional information	No File Uploaded

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

4890

File Description	Documents
Any additional information	No File Uploaded
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating

A. All of the above

**awareness and implementation of policies
with zero tolerance Mechanism for
submission of online/offline students'
grievances Timely redressal of grievances
through appropriate committees**

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	View File
Upload any additional information	View File

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

316

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded

5.2.2 - Number of outgoing students progressing to higher education

9

File Description	Documents
Upload supporting data for students/alumni	No File Uploaded
Details of students who went for higher education	View File
Any additional information	No File Uploaded

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

21

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	No File Uploaded

5.3 - Student Participation and Activities

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

29

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

Dr. Ambedkar Institute of Technology emphasizesstudent participation across various academic and cultural platforms, as well as community engagement initiatives.

1. **Representation in Committees:** - Students are given equal opportunities to represent major statutory and non-statutory committees as per regulations from bodies like AICTE, UGC, NAAC, VTU, and the Government of Karnataka. - The institute envisions a proactive Students' Council that plays a pivotal role in academic bodies such as the Board of Governors, Academic Council, IQAC, Board of Studies, and Electoral Literacy Committee, facilitating interaction between students, academia, and administration for community welfare.

2. **Student Clubs and Cultural Teams:** - Various departments and the institute host student technical clubs and cultural teams.

3. **Social and Community Activities:** - Students actively

participate in social and community development activities through initiatives like NSS (National Service Scheme).

4. **Feedback Mechanism:** - The institute values student feedback on the teaching-learning process and campus facilities.

5. **Annual Cultural Events:**

Through these initiatives, Dr. AIT promotes holistic development, leadership skills, and community engagement among its students. By actively involving students in governance, cultural activities, and community service, the institute ensures a well-rounded educational experience that prepares students for both professional success and societal contribution.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://drait.edu.in/home/Minutes-of-Meeting

5.3.3 - Number of sports and cultural events / competitions organised by the institution

12

File Description	Documents
Report of the event	No File Uploaded
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	View File

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

The Alumni Association of Dr. Ambedkar Institute of Technology plays a pivotal role in the institution's development and support systems.

1. **Financial and Non-Financial Contributions:** - Alumni have made substantial financial contributions to support various

initiatives and improvements within the institution. - They also contribute non-financially through mentorship, career guidance, and sharing industry insights with current students.

2. **Book Donations:** - Every alumni of the institution contributes to the departmental libraries by donating books, and enriching the academic resources available to current students.

3. **Alumni Interaction:** - Alumni are actively involved in the academic life of the institution. - Each department includes at least one alumni member in their Board of Studies (BOS) committee.

4. **Placement and Career Guidance:** - The institution collaborates closely with the alumni network to enhance placement opportunities for students.

Overall, the Alumni Association of Dr. Ambedkar Institute of Technology fosters a strong bond between past and present members of the institution. Their contributions in terms of knowledge sharing, resource donation, and career support significantly enrich the educational experience and career prospects of current students, thereby strengthening the institution's reputation and impact in the community.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional Information	https://alumni.drait.edu.in/

5.4.2 - Alumni's financial contribution during the year   C. 5 Lakhs - 10 Lakhs

File Description	Documents
Upload any additional information	[View File]()

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

The governance of the college matches the Vision and mission of the Institute as mentioned below: Vision Statement To create

Dynamic, Resourceful, Adept and Innovative Technical professionals to meet global challenges. Mission Statement To offer state-of-the-art undergraduate, postgraduate and doctoral programmes in the fields of Engineering, Technology and Management. To generate new knowledge by engaging faculty and students in research, development and innovation. To provide a strong theoretical foundation to the students, supported by extensive practical training to meet industry requirements. To instil moral and ethical values with social and professional commitment.GOALS AND OBJECTIVES · To achieve academic excellence. · To compete them at national and international level in all areas of life. · To develop leadership qualities. · To develop the round personalities of the students. · To provide orientation to students toward research. · To promote the faculty towards quality research and examination Institution Strategic Goals: 1. Ensuring good governance 2. Establishing an effective teaching-learning process 4. Developing financial management 5. Put emphasis on Institute – Industry interaction 6. Development of entrepreneurship 7. Encouraging research and innovation work 8. Establishing Internal Quality Assurance System 9. Ensuring student's development and participation

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://drait.edu.in/home/Vision-and-Mission

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

The Institute's commitment to its vision and mission is reflected by value-based conduct and behaviors of faculty, staff, and students in all areas of performance. Values serve as the guiding philosophy in all walksof Institution life. Following Core values have been imbibed by the Institution in all the activities: Core values are fundamental and universal in nature that acts as the invisible force guiding thought processes, conduct, and behavior of faculty, staff, and students. They are Trusteeship, Integrity, Excellence, Equality, Respect, Sustainability, Innovation, Workplace Values, Accountability, Transparency, Discipline, Perseverance, Competency, Empathy, Teamwork, and Conservation. The Strategic Plan seeks to leverage the strengths that Dr. AIT has developed to build upon them and acquire or develop new strengths.

In particular, the Strategic Plan outlines steps to increase the quality of teaching student-centric learning, based on outcomes and quantity of research output through an increase in research intensity, faculty strength, student enrolment, infrastructure, activity/project-based learning, and engagement with industry & international collaborations. The Strategic Plan envisages quality of delivery, sponsored research, consultancy levels, and a focus on the life cycle management of intellectual property.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	https://drait.edu.in/home/Good-Governance-Document

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

Core values are fundamental and universal in nature that acts as the invisible force guiding thought processes, conduct, and behavior of faculty, staff, and students. They are Trusteeship, Integrity, Excellence, Equality, Respect, Sustainability, Innovation, Workplace Values, Accountability, Transparency, Discipline, Perseverance, Competency, Empathy, Teamwork, and Conservation. The Strategic Plan seeks to leverage the strengths that Dr. AIT has developed to build upon them and acquire or develop new strengths. In particular, the Strategic Plan outlines steps to increase the quality of teaching student-centric learning, based on outcomes and quantity of research output through an increase in research intensity, faculty strength, student enrolment, infrastructure, activity/project-based learning, and engagement with industry & international collaborations. The Strategic Plan envisages quality of delivery, sponsored research, consultancy levels, and a focus on the life cycle management of intellectual property. In the technology-enabled world, the Strategic goals of the Institution are dynamically revised. In the coming ten years, the following major Strategic goals as short-term, medium-term, and long-term plans are envisaged. The Strategic Goals are academic excellence, research and innovation, collaborations, globalization, capacity

building, self-reliance, governance and integration, infrastructure, holistic development, sustainability, service, and branding & communication.

File Description	Documents
Strategic Plan and deployment documents on the website	[View File](#)
Paste link for additional information	https://drait.edu.in/home/Strategic-Plan
Upload any additional information	No File Uploaded

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

Core values are fundamental and universal in nature that acts as the invisible force guiding thought processes, conduct, and behavior of faculty, staff, and students. They are Trusteeship, Integrity, Excellence, Equality, Respect, Sustainability, Innovation, Workplace Values, Accountability, Transparency, Discipline, Perseverance, Competency, Empathy, Teamwork, and Conservation. The Strategic Plan seeks to leverage the strengths that Dr. AIT has developed to build upon them and acquire or develop new strengths. In particular, the Strategic Plan outlines steps to increase the quality of teaching student-centric learning, based on outcomes and quantity of research output through an increase in research intensity, faculty strength, student enrolment, infrastructure, activity/project-based learning, and engagement with industry & international collaborations. The Strategic Plan envisages quality of delivery, sponsored research, consultancy levels, and a focus on the life cycle management of intellectual property. In the technology-enabled world, the Strategic goals of the Institution are dynamically revised. In the coming ten years, the following major Strategic goals as short-term, medium-term, and long-term plans are envisaged. The Strategic Goals are academic excellence, research and innovation, collaborations, globalization, capacity building, self-reliance, governance and integration, infrastructure, holistic development, sustainability, service, and branding & communication.

File Description	Documents
Paste link to Organogram on the institution webpage	https://drait.edu.in/home/Governing-Body
Upload any additional information	View File
Paste link for additional Information	https://drait.edu.in/home/Academic-Council-Minutes

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

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

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

Core values are fundamental and universal in nature that acts as the invisible force guiding thought processes, conduct, and behavior of faculty, staff, and students. They are Trusteeship, Integrity, Excellence, Equality, Respect, Sustainability, Innovation, Workplace Values, Accountability, Transparency, Discipline, Perseverance, Competency, Empathy, Teamwork, and Conservation. The Strategic Plan seeks to leverage the strengths that Dr. AIT has developed to build upon them and acquire or develop new strengths. In particular, the Strategic Plan outlines steps to increase the quality ofteaching student-centric learning, based on outcomes and quantity of research output through an increase in research intensity, faculty strength, student enrolment, infrastructure, activity/project-based learning, and engagement with industry & international collaborations. The Strategic Plan envisages quality of delivery, sponsored research, consultancy levels, and a focus on the life cycle management of

intellectual property. In the technology-enabled world, the Strategic goals of the Institution are dynamically revised. In the coming ten years, the following major Strategic goals as short-term, medium-term, and long-term plans are envisaged. The Strategic Goals are academic excellence, research and innovation, collaborations, globalization, capacity building, self-reliance, governance and integration, infrastructure, holistic development, sustainability, service, and branding & communication.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drait.edu.in/home/Good-Governance-Document

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

3

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

3

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	View File

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

67

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	No File Uploaded

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The Institute conducts internal and external financial audits periodically and has its own mechanism to conduct audits. The annual budget of the department is prepared by the respective HODs and submitted to the Principal for approval. The Principal consolidates and prepares the institutional budget and submits the same for approval to the Governing Body. The Finance Officer verifies and compares actual and budgeted income and expenditures. Corrective measures are suggested by Finance Officer for incorporation. Transparency is maintained in both internal and external audits. Chartered Accountant conducts regular financial audits and certifies their annual financial statements. Accounts are maintained on the TALLY ERP system, transparency is maintained in receipts and payments. Annual auditing is carried out by the statutory auditors appointed for the same. The audit department & Audit Team works under the direct control and supervision of the Finance Officer and Internal Auditor of the Trust. Internal Audit: internal audit is conducted monthly by an internal auditor appointed by the Management who checks each bill and payment voucher of all accounts. They submit an audited statement of income and expenditure to the management for consideration and approval.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://drait.edu.in/home/Mandatory-Disclosure

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists

during the year (not covered in Criterion III and V) (INR in lakhs)

0

File Description	Documents
Annual statements of accounts	**No File Uploaded**
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	**No File Uploaded**

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

Proper collection and utilization of financial resources are planned at the beginning of every financial year. The budget details are collected before the start of every academic year. The utilization of the current year's expenses and the budget for the next year is approved by the Governing Body. Research proposals are prepared and sent to different funding agencies like Vision Group on Science and Technology (VGST), All India Council for Technical Education (AICTE), University Grants Commission (UGC), Department of Science & Technology (DST), Visvesvaraya Technological University (VTU), DRDO, ISRO, Karnataka State Council for Science and Technology (KSCST), etc. The grant received from such organizations is used in procuring special equipment needed for research activities thereby strengthening the infrastructural facilities in the laboratories. Different financial sources available are: The fee collected from students is the major resource for the institution. Funding from different funding agencies such as VTU, AICTE, VGST, KSCST, Institute of Engineers and other R&D centers. The management is spending the budgeted amount to develop the required infrastructural facilities such as buildings for various departments, administrative blocks, laboratory equipment, Boys and girls hostel buildings, library building, canteen, auditorium, staff quarters, and exam section buildings.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://drait.edu.in/home/TEQIP-III

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

Proper collection and utilization of financial resources are planned at the beginning of every financial year. The budget details are collected before the start of every academic year. The utilization of the current year's expenses and the budget for the next year is approved by the Governing Body. Research proposals are prepared and sent to different funding agencies like Vision Group on Science and Technology (VGST), All India Council for Technical Education (AICTE), University Grants Commission (UGC), Department of Science & Technology (DST), Visvesvaraya Technological University (VTU), DRDO, ISRO, Karnataka State Council for Science and Technology (KSCST), etc. The grant received from such organizations is used in procuring special equipment needed for research activities thereby strengthening the infrastructural facilities in the laboratories. Different financial sources available are: The fee collected from students is the major resource for the institution. Funding from different funding agencies such as VTU, AICTE, VGST, KSCST, Institute of Engineers and other R&D centers. The management is spending the budgeted amount to develop the required infrastructural facilities such as buildings for various departments, administrative blocks, laboratory equipment, Boys and girls hostel buildings, library building, canteen, auditorium, staff quarters, and exam section buildings.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://drait.edu.in/home/Minutes-of-Meeting

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

The Internal Quality Assurance Cell (IQAC) is established as per the guidelines from UGC to maintain and enhance the quality of education. The prime goal of the IQAC is to develop a system for consistent and catalytic improvement in the performance of the

institution. Revised Blooms Taxonomy (RBT) was initiated by IQAC in the academic year 2016-2017. Faculty aregiven awareness of pedagogical teaching-learning methods, RBT, and Outcome Based Education (OBE) through various workshops and faculty development programs conducted in the department and Institute. Training in RBT is conducted to help the teachers to prepare the question papers, and upgrade their evaluation and assessment skills of the teacher.The Academic Audit involves the following quality checks: 1. Monitoring of classes as per the personal timetable of the teacher, and the class timetable and reporting the discrepancies, if any, to the higher authorities. 2. Verification of section-wise student attendance registers and teacher's diaries. 3. Monitoring attendance of students and verification of attendance every two weeks. 4. Verification of Counselling records and counseling details after every internal examination – To check whether the marks & attendance have been updated in the attendance registers.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://drait.edu.in/home/Minutes-of-Meeting

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://drait.edu.in/home/Mandatory-Disclosure
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Dr. Ambedkar Institute of Technology continuously works for Equal opportunities, inclusivity, and strong ethical work culture irrespective of caste, religion, gender, language, political, or other status. Its unique work culture, healthy traditions and ethos have led to the enrolment of the employees as per the roaster. Safety, security and well-being, along with gender equity and a friendly working atmosphere are the issues of prime concern to Dr.AIT. Gender sensitivity is an integral value in the cultural philosophy of the institution. The following measures have been taken to promote gender equality Safety and Security Counseling Separate Common rooms for Boys & Girls Anti-Ragging committee Anti-Sexual Harassment committee Women Empowerment programs Awareness campaigns on women's safety and gender Counseling circulars Committee Circulars Mandatory Heath and awareness course for all first-year students (1 credit) from 2021-22 Separate hostels are provided for girls. The college campus is under surveillance with CCTV cameras and round-the-clock security Sufficient lighting is provided in the campus during nights Grievance Redressal Committee

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://drait.edu.in/home/Green-Campus-Practice

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy   Biogas plant Wheeling to the Grid   Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment

B. Any 3 of the above

File Description	Documents
Geotagged Photographs	[View File]()
Any other relevant information	**No File Uploaded**

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

Dr. Amebdkar Institute of Technology took several initiatives to protect the environment, health and wellbeing through the implementation of maintaining the eco-friendly environment through effective waste management practices in and around the campus. Waste collected is segregated at the source using binswith appropriate labeling. Waste collecting bins are placed at appropriate locations in each block of Dr.AIT and then it is handed over to the BBMP waste collection agency for further processing. Institute does not generate biomedical waste, or other hazardous chemical or radioactive waste. The NSS program organizes awareness among the students, staff, and faculty members periodically. Institute's housekeeping staff and gardeners are helping in the segregation of waste and maintaining greenery on the campus. The E-waste collection bin has been placed separately on campus and periodically local e-waste collecting agency will collect the same for further proper processThe Institute has adopted the following Green practices: Usage of Energy Efficient LED Fittings Usage of Energy Efficient BEE STAR Rated equipment Installation of 4000 LPD Solar Thermal Water Heating System Segregation of Waste at source Provision of Bio composting Unit for Organic Waste Management Good internal Roads within the campus Tree Plantation on the campus

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geotagged photographs of the facilities	View File
Any other relevant information	No File Uploaded

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

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include

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

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways
4. Ban on use of plastic
5. Landscaping

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

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

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:

A. Any 4 or all of the above

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

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

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing assistance	**No File Uploaded**
Any other relevant information	**No File Uploaded**

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

Dr. Ambedkar Institute of Technology is proactively involved in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities by celebrating many Events and Festivals at the institution to bring tolerance and harmony among the students and staff and the stakeholders. The institution celebrates Independence Day, Constitution Day, Gandhi Jayanti, Dr. B R Ambedkar Jayathi, Dr. B R Ambdkar Parinirvana day, Anti Ragging, Republic Day, Independence Day, Ganesh Festival, International Yoga Day, NSS Day, Sports Day, Gandhi Jayanti, International Women's Day, Maitri, Dr. AIT is dedicated to providing higher education for SC, ST and women students along with all other students. Some of the activities are designated towards empowering a holistic environment for student improvement. Awareness about Eco-Friendly Ganesha Festival was organized on the 8th and 11th of September 2018, and Awareness about Eco-Friendly Diwali was organized on the 5th of November 2018 by the NSS unit of Dr. AIT.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File

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

Dr. Ambedkar Institute of Technology has introduced a compulsory course on the Constitution of India and professional Ethics across all engineering disciplines to create awareness and sensitize the

students. The Constitution of India is taught to the students to enable them to gain an insight into the constitution and the basic structure of the Indian Constitution, the fundamental rights and the functions of the judiciary in upholding the Indian Constitution Professional ethics is taught to the students to enlighten the students on the duties and basic responsibilities of engineers towards society and their employers. Every year January, 26th Republic day is Celebrated by highlighting the importance of the Indian Constitution and organizing activities like Parade, cultural events, and skits on Patriotism, like Quit India.Similarly, constitution day is celebrated on the 26th of November every year, all the students and staff will read the Preamble of the Constitution of India Independence day is also celebrated on 15th August every year to highlight the struggle for freedom and the importance of the Indian constitution.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	[View File](#)
Any other relevant information	No File Uploaded

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

A. All of the above

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

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

Institution conducting the following National and International Commemorative days, events and festivals for the last 5 years periodically.The following activities are conducted by Dr. AIT: Eye Check-Up Camp Awareness about Eco-Friendly Ganesha Festival Awareness about Junk food and Drugs Addiction Kodagu Special Camp Blood Donation Camps National Unity Day Awareness about Eco-Friendly Diwali Parking Discipline NSS Camp at Antharasanthe, HD Kote World Water Day Dr.Ambedkar Institute of Technology Clean Campus Initiative Health Checkup and Eye Checkup Camp at Dr. AIT CampusVoter's awareness Tree Plantation Programme for first-semester students Campus cleaning for first-semester students Awareness of the Eco-Friendly Ganesha Festival Awareness about the harmful effects of Smoking and Drugs Addiction Campus to Community Camp at Kanakpura Youth for Eco-Development Sadbhavana Diwas Constitution Day Conscious-Planet Save Soil Observance of Anti-Terrorism Day Sanskruti Independence Day Celebration Kannada KalaravaDr. Ambedkar Jayanthi and National Techno Exhibition Maitri – Fresher's Day National Yoga Day Swatch Bharath Abhiyan at B R Hills Constitution Day Environmental Day Blood Donation Camp International Yoga Day

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

Practice I Title of the Practice: GREEN CAMPUS Objective: Green campus initiatives should be an integral part of the education system and promote these principles within society through students. Our Institute has initiated the green campus program in order to support a sustainable and climate-friendly environment. The main objectives for these initiatives were creating awareness about sustainable energy, energy-efficient measures, recycling, composting and green landscaping in and around the campus. The Context: The main aim of the Green campus program is to promote the awareness about sustainability of materials, reuse, Tree plantation to reduce carbon footprint, water management, etc., to our future generations. But the main challenge is the proper translation of education for sustainable development into practice so that it can be more effective. Any new development should consider and maintain the proper balance of economic, social, and environmental conditions and the participation of all the staff members and students is very important. Institute has implemented this program through the organization of seminars, and campaigns for students and staff. Students are encouraged to do projects related to environmental sustainability, water purification, water management, etc. More stress is being given to the proper infrastructure development so as to maintain green practices.

File Description	Documents
Best practices in the Institutional website	https://drait.edu.in/home/Green-Campus-Practice
Any other relevant information	**Nil**

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

Implementation of Exam Reforms and IT Integration at Dr. AIT Examinations/Assessments play a very important role in deciding the quality of engineering education. It shall not only assess students performance but also measure whether the desired learning outcomes have been achieved. The achievement of Program Objectives and Program Outcomes is crucial and needs to be proven through accurate and reliable assessments. The quality of the question papers in engineering education has been a matter of concern for a long time. It is widely acknowledged that "assessment drives learning". The question papers shall contain questions, which require simple memory recall to questions of higher expectations. High expectations for learning motivate students to rise to the next level. The examination/ assessment at Dr. AIT incorporates thefollowing features: 1.Adaptation of Outcome Based Education (OBE) The curriculum at Dr. AIT is designed as per the requirement of OBE. The syllabus contains objectives and learning outcomes of all the courses so that the students will be made aware of the expectations during the assessment. The question papers for assessment are prepared based on the Course Outcomes appearing in the syllabus.

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

The curriculum is designed as per the guidelines of Outcome Based Education (OBE). Accordingly, the mapping of various criteria's made with the curriculum. The starting point is the input from faculty, industries, lead societies, and roadmaps. The Dept committee identifies faculty members with relevant specializations and assigns the curriculum design to them. Faculty members prepare the course curriculum incorporating the latest developments in therespective subject domains. The Department committee lists the courses and prepares a semester-wise sequence of courses and a scheme of study. Periodically department committee meets & revisits the curriculum. The proposal is placed before the Board of Studies (BOS)/Department Advisory Board (DAB) of the Department, for deliberations and suggestions. The assessment of needs is carried out on the basis of the following: Feedback from all the stakeholders. The curricula designed are mainly focused on Employability, Innovation, and Research. Employability: The curriculum and syllabi of both UG and PG programs are prepared with the contribution of industry representatives to meet their general and specific requirements. Most of the courses of the UG and PG programs enable the students to enhance their technical and logical skills.

File Description	Documents
Upload additional information, if any	[View File](#)
Link for additional information	https://drait.edu.in/home/Academic-Council-Minutes

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

18

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	No File Uploaded

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

338

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

514

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

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

18

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

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

In order to integrate the cross-cutting issues relevant to gender, Page 12/115 13-02-2024 09:55:59 Annual Quality Assurance Report of DR. AMBEDKAR INSTITUTE OF TECHNOLOGY environment and sustainability, human values and professional ethics, Institute has embedded different types of courses in the curriculum. 1. Gender Sensitivity Gender sensitivity and gender sensitization is accomplished through amalgamation of theory and practice. The Committee on womens security, welfare and grievance redressal is constituted and is organising workshops on gender sensitisation. 2. Human Values and Professional Ethics One credit courses on Social connect responsibilities, Constitution of India and professional ethics & Universal Human values which are introduced to all the students. As an integral part of student engagement in social activities during their programme of study, college also mandates all the students to enroll as NSS/NCC Volunteers. It aims at inculcating values, ethics and socially responsible qualities. Students organize street plays, awareness campaigns, debates etc. Human values activities by students are being conducted since inception. 3. Environment studies A course on Environmental studies is included in all UG programmes. In order to sensitize students about the environment and sustainability issues, a number of activities such as seminars, workshops, guest lectures, industry visits and field excursions were organized for students of all programmes.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	**No File Uploaded**

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

53

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	**No File Uploaded**

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

5232

File Description	Documents
List of students enrolled	View File
Any additional information	**No File Uploaded**

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

962

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	**No File Uploaded**

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni	A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	https://drait.edu.in/home/StakeHolders-Feedback
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following	A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	https://drait.edu.in/home/StakeHolders-Feedback
Any additional information	No File Uploaded

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

4405

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

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

2306

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

1. Assessment and Identification:

- Conduct thorough assessments to identify slow learners within the departments.
- Utilize various metrics such as academic performance, participation levels, and feedback from instructors to identify areas of improvement.

2. Personalized Learning Plans:

- Develop personalized learning plans for each identified slow learner by doing Proctoring, considering their unique strengths, weaknesses, and learning styles.
- Collaborate with instructors, mentors, and support staff to tailor learning plans to address specific challenges and goals.

3. Targeted Instructional Support:

- Provide targeted instructional support through additional tutoring sessions, remedial classes, or peer-assisted learning groups.
- Offer supplementary resources such as instructional videos, study guides, and interactive online modules to reinforce learning outside of the classroom.

4. Regular Progress Monitoring:

- Implement regular progress monitoring mechanisms to track the academic progress of slow learners by respective mentors.
- Conduct periodic assessments to gauge comprehension and identify areas requiring further support or intervention.

5. Mentoring and Guidance:

- **Pair slow learners with experienced mentors or peer mentors who can provide personalized guidance, academic support, and encouragement.**
- **Encourage mentors to foster a supportive and nurturing learning environment, offering constructive feedback and facilitating goal setting after Test-1, test-2.**

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	[https://drait.edu.in/home/Academic-Regulations]()

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
25/07/2024	**4405**	**235**

File Description	Documents
Upload any additional information	[View File]()

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:

The Institute employs a student-centric teaching methodology that emphasizes clear educational goals and outcomes right from the outset of each course. This approach ensures students understand the primary focus areas from the beginning.

To foster creativity and enhance cognitive abilities, the Institute integrates experiential learning through various innovative methods such as Audio-Visual techniques and Language Labs. Students are equipped with access to curated e-materials and platforms like NPTEL and QEEE to explore topics of personal interest.

Additionally, the Institute offers non-credit courses on employability skills to enhance students' overall development.

Interactive laboratory sessions, industry internships, and industrial visits further enrich their learning experience. Students also have opportunities to participate in certification courses and simulated events like hackathons, gaining practical experience with real-world applications. They culminate their learning journey with project development in cutting-edge technologies, showcasing their work in technical festivals.

File Description	Documents
Upload any additional information	[View File](#)
Link for additional Information	https://drait.edu.in/home/Placement-Training

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

The faculty utilizes cutting-edge technologies and facilities to enhance teaching effectiveness, including:

- Computer-aided methods using PowerPoint presentations via LED projectors - Access to e-learning materials such as e-books, e-journals, NPTEL, and QEEE - A comprehensive Digital Library with online resources from IEEE, Springer, Elsevier, ASME, and ASCE - ICT tools like SMART boards with data storage capabilities - WiFi-enabled campus for flexible learning across all areas - Department-specific resources including computers, notebooks, laptops with internet access - Multimedia facilities in each department for guest lectures and seminars - Modern learning software in laboratories - Computer-based academic practices for syllabus uploads, question banks, attendance, and results management

Furthermore, the institute conducts orientation courses for new faculty members and encourages their participation in workshops organized by other institutions.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://drait.edu.in/home/eResources
Upload any additional information	View File

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

249

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

The Academic Calendar at the institution plays a pivotal role in ensuring efficient operations each semester. Here's how it is prepared and adhered to:

Every semester the Dean(Academic) prepares the Academic Calendar for the institution's effective functioning. The draft calendar is discussed and approved by the College Council. The Academic Calendar ensures the smooth functioning of the Institution. The academic calendar provides the total effective working days available in a given semester. The Calendar includes the details of all the working days, holidays, dates of the Continuous Internal Assessment Tests, submission of attendance defaulter reports, Examinations, declaration of results, list of activities of the academic year, and the dates of national as well as religious importance. The same is also uploaded on the website. The institution carries out the activities as per the calendar. Teaching Plan: All courses are handled as per the schedule in the academic calendar and timetable. The faculty prepare a unit-wise teaching plan, describing timescale, teaching aids, methods of teaching-learning, and assessment of the same and it is duly approved

after careful examination by the Head of the Department and made available to the students.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

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

249

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	**No File Uploaded**

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

133

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	**No File Uploaded**

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

21

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	**No File Uploaded**

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

50

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	**No File Uploaded**

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

0

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	**No File Uploaded**
Upload any additional information	**No File Uploaded**

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

Dr. Ambedkar Institute of Technology has been actively reforming its examination procedures by integrating IT across all facets of the examination system. These reforms are particularly focused on enhancing Continuous Internal Assessment (CIA) processes and automating Semester End Examinations using proprietary IT software developed in-house. This IT integration has not only modernized but also accelerated the entire examination mechanism.

1. **Continuous Internal Assessment (CIA)**: CIA procedures are conducted within respective departments. The examination section prepares B-forms based on room allotments, facilitating smooth CIA operations. A specialized software has been developed to enable departments to print these B-forms efficiently.

2. **Faculty Integration**: Faculty members utilize the institute's IT infrastructure to submit CIA marks to the examination section. This electronic submission process ensures accuracy and efficiency in recording and processing assessment data.

3. **Transparency and Accessibility**: CIA marks, along with student attendance statuses and NSA (Non-Submittable Assignments) / NSC (Non-Submittable Components) details, are promptly published on the institute's website. This transparency allows students and stakeholders to access their performance records easily.

These reforms underscore the institute's commitment to leveraging technology for improving examination procedures, ensuring fairness, efficiency, and accessibility in the assessment and evaluation processes for all students and faculty members alike.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional Information	http://results.drait.in/

2.6 - Student Performance and Learning Outcomes

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

Program Outcomes (POs) are overarching statements describing the professional achievements expected of students upon completion of a program. These encompass a range of knowledge, skills, and personal attributes that students are intended to develop throughout their studies. These outcomes are categorized into several interrelated areas.

Program Specific Outcomes (PSOs), on the other hand, detail specific skills and accomplishments that students are expected

to demonstrate by the conclusion of the program. PSOs are developed collaboratively by program coordinators in consultation with course coordinators to ensure alignment with the broader program objectives.

Course Outcomes (COs) are precise declarations of what students should know and be capable of upon finishing individual courses. COs also indicate the depth of learning expected from each course.

In adherence to Outcome Based Education (OBE) principles, the department responsible for the program works closely with faculty members and stakeholders to define PSOs, Programme Educational Objectives (PEOs), and COs.

Heads of Departments (HODs) play a crucial role in educating students about POs, PSOs, PEOs, and COs. Faculty members, mentors, course coordinators, and program coordinators also contribute to this educational process, ensuring that students understand and appreciate the objectives guiding their educational journey.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	[View File]()
Upload any additional information	No File Uploaded
Link for additional Information	https://drait.edu.in/home/Computer-Science-and-Engineering-Syllabus

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

The curriculum and syllabus at our institution are meticulously developed to align with Program Outcomes (POs), Programme Educational Objectives (PEOs), Programme Specific Outcomes (PSOs), and Course Outcomes (COs). At the beginning of each semester, Course Coordinators establish target values for their courses and clearly communicate the assessment methods to students.

Direct Assessment Tools: 1. **Continuous Internal Evaluation (CIE):** This includes three internal assessment tests conducted in all theory courses each semester. Each

assessment comprises objective and descriptive questions. The final CIE marks are determined based on the best two performances out of the three assessments, along with marks from assignments and group activities, up to a maximum of 50 marks.

Indirect Assessment Tools: 2. **Graduate Exit Survey:** Student feedback is integral to our program evaluation process. The Graduate Exit Survey provides valuable insights into the overall assessment of the program. This feedback helps maintain and enhance the quality of our graduate programs.

These assessment tools ensure that our educational programs are not only aligned with predefined outcomes but also continuously improved based on comprehensive feedback from both faculty and students. This approach supports our commitment to delivering high-quality education that prepares students effectively for their professional careers.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional Information	https://drait.edu.in/home/NBA

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

715

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	**No File Uploaded**
Paste link for the annual report	https://drait.edu.in/home/Mandatory-Disclosure

2.7 - Student Satisfaction Survey

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

https://drait.edu.in/home/Student-Feedback

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

The research facilities at the institution encompass a variety of specialized labs and resources aimed at enhancing the capabilities of students and faculty across different disciplines:

1. **Virtual Instrumentation Lab**: Equipped with advanced virtual instrumentation technologies for conducting experiments and research in a simulated environment.

2. **Oil Testing Lab**: Dedicated to the analysis and testing of various types of oils, ensuring quality and performance standards are met.

3. **Material Testing Lab**: Provides facilities for testing the properties and characteristics of materials used in engineering and other fields.

4. **Mobile Communication Lab**: Focuses on research and development in mobile communication technologies, enabling experimentation and innovation in this rapidly evolving field.

5. **Texas Instrumentation Lab**: Utilizes Texas Instruments' technologies and equipment for research and development purposes, particularly in areas like electronics and semiconductor technology.

These labs serve as crucial platforms for conducting research, experiments, and practical applications across multiple domains. The institution's commitment to research and development is evidenced by the management's allocation of budgetary resources specifically for the upgradation of R&D facilities across 15 departments. This investment ensures that the labs remain at the forefront of technological advancements, supporting academic excellence and innovation in research

endeavors.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://drait.edu.in/home/R-and-D-Cell
Any additional information	View File

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

1069000

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	View File
Any additional information	No File Uploaded

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

2

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	View File

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

64.82

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	No File Uploaded

3.2.2 - Number of teachers having research projects during the year

8

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	https://drait.edu.in/home/Funded-Research-Projects
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

54

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	**No File Uploaded**
Institutional data in Prescribed format	[View File](#)

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

5

File Description	Documents
Supporting document from Funding Agencies	[View File](#)
Paste link to funding agencies' website	http://www.vgst.in/
Any additional information	**No File Uploaded**

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

Ambedkar Centre for Tech Startup (ACTS) – The Startup Cell, operates with the primary objective of fostering and nurturing tech startups within the institution.

1. **Partnerships and Ecosystem Development**: - ACTS collaborates with national and global partners to create a conducive environment for tech startups. - Involves Dr. Ambedkar Institute of Technology (Dr. AIT) faculty, alumni, and external stakeholders to support student entrepreneurs.

2. **Support Offered to Student Entrepreneurs**: - Provides guidance in project development, business planning, and commercializing technologies. - Assists in accessing early-stage funding and provides advice on intellectual property rights (IPR).

3. **Quarterly Meetings and Documentation**: - Calls for quarterly meetings of departmental Startup Coordinators to discuss progress and initiatives. - Ensures documentation of

meeting proceedings including photos, minutes, and videos, which are uploaded to YouTube and shared with relevant authorities for transparency and record-keeping.

4. **Monitoring and Encouragement**: - Tracks the progress of startup activities across departments to assess growth and impact. - Encourages Department Startup Coordinators to organize seminars, webinars, workshops, and other events related to startups, incubation, entrepreneurship, and IPR.

5. **Academic Integration**: - Integrates startup-related activities into the academic curriculum to provide practical exposure and learning opportunities for students interested in entrepreneurship.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://drait.edu.in/home/ACTS

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

9

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	No File Uploaded

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software	A. All of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	No File Uploaded

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

154

File Description	Documents
URL to the research page on HEI website	https://drait.edu.in/home/R-and-D-Cell
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	No File Uploaded

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

149

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	No File Uploaded

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

16

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://drait.edu.in/home/ACTS

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

2878

File Description	Documents
Any additional information	[View File](#)
Bibliometrics of the publications during the year	**No File Uploaded**

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

161

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	[View File](#)
Any additional information	[View File](#)

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

0.042

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	No File Uploaded
Any additional information	No File Uploaded

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

0.042

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	View File
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	No File Uploaded

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

The college actively encourages both faculty and students to initiate and participate in programs that raise awareness about various societal issues.

1. **Blood Donation Camps: Regularly organized to contribute to blood banks and support medical emergencies.**

2. **Tree Plantation: Initiatives aimed at increasing green cover and environmental conservation.**

3. **AIDS Awareness Programs**: Campaigns to educate the community about HIV/AIDS prevention and treatment.

4. **Clean Energy Initiatives**: Promoting awareness and adoption of clean and renewable energy sources.

5. **Rainwater Harvesting**: Encouraging sustainable water management practices.

6. **Health Camps (Eye Testing)**: Providing free eye check-ups to promote eye health and awareness.

7. **Computer Awareness Programs**: Educating individuals about the importance and use of computers in daily life.

The college provides a platform for students to collaborate and showcase their talents in cultural activities such as dramatics, singing, dancing, quizzes, debates, and music.

One of the flagship events organized by the college is "SANSKRITI," an inter-collegiate fest. This event serves as a platform for students to demonstrate their skills, engage in cultural exchange, and foster personal and professional growth.

Moreover, the college emphasizes social responsibility through programs like campus cleaning drives (Shramdan), personality development workshops, village adoption initiatives, and various awareness campaigns.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://drait.edu.in/home/NSS

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

6

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	No File Uploaded

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

31

File Description	Documents
Reports of the events organized	View File
Any additional information	No File Uploaded

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

3455

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

55

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	No File Uploaded

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

5

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The Institute, established in 1980, has grown to offer a comprehensive array of academic programs as of June 2023, including 13 undergraduate, 7 postgraduate, and 15 Ph.D. programs. The institution has diligently planned and constructed its physical infrastructure to support its educational mission.

The key aspects of the physical infrastructure and the steps taken to ensure its adequacy and optimal utilization:

1. **Physical Infrastructure Overview**: - Total land area: 20.3 Acres - Constructed area: Approximately 54,462 sq.m

- Facilities include: - 106 classrooms for UG and PG programs - 7 air-conditioned seminar halls - Auditorium - Faculty rooms - Wide corridors with good natural lighting - Open-air auditorium with a capacity of 1000

2. **Planning and Utilization Steps**: - **Identification of Requirements**: The Head of the institution takes responsibility for identifying the institution's infrastructure needs. - **Departmental Planning**: Heads of departments and faculty members collaborate to plan specific requirements at the departmental level. - **Submission and Approval**: Once planned, these requirements are submitted to the Head of the institution for approval, ensuring alignment with overall institutional goals and priorities.

These structured steps ensure that the physical infrastructure not only meets current academic needs but also anticipates future growth and developments.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://drait.edu.in/

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

Cultural Activities: The college boasts a well-equipped auditorium featuring excellent acoustics, modern lighting, and a state-of-the-art sound system with a seating capacity of 650.

Recreational Facilities: Hostel amenities include recreational options like a gymnasium and yoga center, promoting physical well-being among students.

Indoor Sports Facilities: The campus offers comprehensive indoor sports facilities, including a fully equipped gymnasium, as well as provisions for table tennis, carom, and badminton courts.

Outdoor Sports Facilities: For outdoor sports enthusiasts, the college provides facilities such as cricket grounds, football fields, volleyball courts, basketball courts, and a running track.

Medical Support: The proximity to leading hospitals like Fortis Hospital and GM Hospital, both within 100 meters from the campus, ensures swift access to medical services in case of emergencies. The college has also established a Memorandum of Understanding (MOU) with Panacea Hospital to provide medical support for any urgent cases involving students, staff, or faculty members. Additionally, government-run ambulance services are readily available via a 108 helpline.

Sports Management: The college emphasizes sports activities, with dedicated oversight from a qualified Physical Education Director (PED). Students actively participate in a variety of sports, facilitated by facilities that support both indoor and outdoor activities.

File Description	Documents
Geotagged pictures	[View File](#)
Upload any additional information	[View File](#)
Paste link for additional information	https://drait.edu.in/home/Sports

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

85

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

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

152.5

File Description	Documents
Upload audited utilization statements	[View File](#)
Details of Expenditure, excluding salary, during the years	[View File](#)
Any additional information	**No File Uploaded**

4.2 - Library as a Learning Resource

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

Libsoft is an advanced library management software designed to streamline operations through online support and RFID integration. Here are the key features and functionalities of Libsoft:

1. **Efficient Book Issuing and Returning**: - Enables quick

issuing and returning of books and materials without the need for library staff intervention.

2. **Comprehensive Reporting**: - Provides detailed reports on each student's library activities, including log-in and log-out times, issued books, reference usage, and digital library interactions. - Generates reports on unique titles, department-wise book distributions, and daily transactions for administrative purposes.

3. **RFID Integration**: - Integrated with RFID technology to enhance security and prevent theft of library materials. - Facilitates easy identification and availability check of required books for faculty and students.

4. **User Database Accessibility**: - Maintains a centralized database of faculty and student information, linking their accounts with available library resources.

5. **Automatic Book Tracking**: - Automates tracking of books throughout their lifecycle, from new orders to arrival and reminder notifications. 6. **Web OPAC (Online Public Access Catalog)**: - Web-based application accessible via both Intranet and Internet services.

7. **Stock Verification**: - Simplifies stock verification processes through efficient software management tools, ensuring accurate inventory management.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://drait.edu.in/home/About-Library

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources	A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	View File

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

44.95

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

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

400

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	View File

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

The college has implemented a comprehensive IT policy that encompasses standards for IT Service Management, Information Security, and Network management. Key aspects of the IT policy include:

1. **Infrastructure Upgradation and Budget Allocation**: - Regular upgrades are made to IT infrastructure, including Wi-

Fi, cybersecurity measures, software updates, and ICT-enabled teaching-learning tools. - An annual budget is allocated specifically for IT facility upgrades and system enhancements.

2. **Bandwidth and Wi-Fi Facilities**: - The campus's internet bandwidth has been upgraded from 1 Gbps to 1.50 Gbps, facilitating faster and more reliable internet access. - Additional Wi-Fi routers with high configuration have been deployed across the campus and hostels.

3. **Computing Resources**: - The institution boasts a total of 1600 Personal Computers (PCs) equipped with i5 and i7 processors, catering to the computing needs of students, faculty, and administrative staff. - These resources support a wide range of activities including project work, research, and administrative tasks.

4. **Policy Framework and Compliance**: - Policies are in place for procurement, installation of hardware, networks, and software, ensuring standardized practices and adherence to regulatory requirements. - Violations of IT policies are taken seriously, and disciplinary actions are implemented against offenders as per institutional guidelines.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.speedtest.net/

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3	1

File Description	Documents
Upload any additional information	[View File](#)

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus	A. ?50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	View File

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing	B. Any three of the above

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://drait.edu.in/home/Computer-Applications-MCA-Materials
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

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

259.05

File Description	Documents
Audited statements of accounts	No File Uploaded
Upload any additional information	View File

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

The college maintains a structured policy and system to effectively manage both its physical and academic facilities, ensuring optimal utilization and upkeep.

Classroom Management: Classrooms are treated as essential

workspaces and are managed according to guidelines set by the Management and the University. Key aspects include:

1. **Modern Technology Integration:** - Classrooms are equipped with advanced technology such as smart boards, microphone systems, and other tools to enhance teaching effectiveness and student engagement.

2. **Safety and Security Measures:** - CCTV cameras are installed in each classroom to ensure the safety and security of students, teachers, and equipment.

3. **Asset Management:** - A comprehensive stock list of classroom assets is maintained.

4. **Annual Maintenance Contracts (AMCs):** - All modern teaching technologies are covered under AMCs to ensure they are regularly serviced and maintained.

Laboratory Management: Laboratories, being integral to science departments, are managed with a dedicated policy framework:

1. **Equipment Maintenance:** - The laboratory houses various instruments and equipment critical for scientific experiments and research. - These assets are maintained through AMCs to ensure their functionality and longevity.

2. **Policy Adherence:** - The laboratory policy governs the operational aspects, including safety protocols, equipment usage guidelines, and maintenance procedures.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://drait.edu.in/home/Library-Rules-and-Regulations

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

1910

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	No File Uploaded

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

0

File Description	Documents
Upload any additional information	View File
Institutional data in prescribed format	View File

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology	A. All of the above

File Description	Documents
Link to Institutional website	https://drait.edu.in/home/Placement-Training
Details of capability development and schemes	View File
Any additional information	No File Uploaded

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

4890

File Description	Documents
Any additional information	**No File Uploaded**
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	[View File](#)

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees	**A. All of the above**

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

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

316

File Description	Documents
Self-attested list of students placed	[View File](#)
Upload any additional information	**No File Uploaded**

5.2.2 - Number of outgoing students progressing to higher education

9

File Description	Documents
Upload supporting data for students/alumni	**No File Uploaded**
Details of students who went for higher education	*View File*
Any additional information	**No File Uploaded**

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

21

File Description	Documents
Upload supporting data for students/alumni	*View File*
Any additional information	**No File Uploaded**

5.3 - Student Participation and Activities

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

29

File Description	Documents
e-copies of award letters and certificates	*View File*
Any additional information	*View File*

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

Dr. Ambedkar Institute of Technology emphasizesstudent participation across various academic and cultural platforms, as well as community engagement initiatives.

1. **Representation in Committees:** - Students are given equal opportunities to represent major statutory and non-statutory committees as per regulations from bodies like AICTE, UGC, NAAC, VTU, and the Government of Karnataka. - The institute envisions a proactive Students' Council that plays a pivotal role in academic bodies such as the Board of Governors, Academic Council, IQAC, Board of Studies, and Electoral Literacy Committee, facilitating interaction between students, academia, and administration for community welfare.

2. **Student Clubs and Cultural Teams:** - Various departments and the institute host student technical clubs and cultural teams.

3. **Social and Community Activities:** - Students actively participate in social and community development activities through initiatives like NSS (National Service Scheme).

4. **Feedback Mechanism:** - The institute values student feedback on the teaching-learning process and campus facilities.

5. **Annual Cultural Events:**

Through these initiatives, Dr. AIT promotes holistic development, leadership skills, and community engagement among its students. By actively involving students in governance, cultural activities, and community service, the institute ensures a well-rounded educational experience that prepares students for both professional success and societal contribution.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://drait.edu.in/home/Minutes-of-Meeting

5.3.3 - Number of sports and cultural events / competitions organised by the institution

12

File Description	Documents
Report of the event	**No File Uploaded**
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	View File

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

The Alumni Association of Dr. Ambedkar Institute of Technology plays a pivotal role in the institution's development and support systems.

1. **Financial and Non-Financial Contributions:** - Alumni have made substantial financial contributions to support various initiatives and improvements within the institution. - They also contribute non-financially through mentorship, career guidance, and sharing industry insights with current students.

2. **Book Donations:** - Every alumni of the institution contributes to the departmental libraries by donating books, and enriching the academic resources available to current students.

3. **Alumni Interaction:** - Alumni are actively involved in the academic life of the institution. - Each department includes at least one alumni member in their Board of Studies (BOS) committee.

4. **Placement and Career Guidance:** - The institution collaborates closely with the alumni network to enhance placement opportunities for students.

Overall, the Alumni Association of Dr. Ambedkar Institute of Technology fosters a strong bond between past and present members of the institution. Their contributions in terms of knowledge sharing, resource donation, and career support significantly enrich the educational experience and career prospects of current students, thereby strengthening the institution's reputation and impact in the community.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://alumni.drait.edu.in/

5.4.2 - Alumni's financial contribution during the year	**C. 5 Lakhs - 10 Lakhs**

File Description	Documents
Upload any additional information	[View File](#)

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

The governance of the college matches the Vision and mission of the Institute as mentioned below: Vision Statement To create Dynamic, Resourceful, Adept and Innovative Technical professionals to meet global challenges. Mission Statement To offer state-of-the-art undergraduate, postgraduate and doctoral programmes in the fields of Engineering, Technology and Management. To generate new knowledge by engaging faculty and students in research, development and innovation. To provide a strong theoretical foundation to the students, supported by extensive practical training to meet industry requirements. To instil moral and ethical values with social and professional commitment.GOALS AND OBJECTIVES · To achieve academic excellence. · To compete them at national and international level in all areas of life. · To develop leadership qualities. · To develop the round personalities of the students. · To provide orientation to students toward research. · To promote the faculty towards quality research and examination Institution Strategic Goals: 1. Ensuring good governance 2. Establishing an effective teaching-learning process 4. Developing financial management 5. Put emphasis on Institute – Industry interaction 6. Development of entrepreneurship 7. Encouraging research and innovation work 8. Establishing Internal Quality Assurance System 9. Ensuring student's development and participation

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://drait.edu.in/home/Vision-and-Mission

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

The Institute's commitment to its vision and mission is reflected by value-based conduct and behaviors of faculty, staff, and students in all areas of performance. Values serve as the guiding philosophy in all walksof Institution life. Following Core values have been imbibed by the Institution in all the activities: Core values are fundamental and universal in nature that acts as the invisible force guiding thought processes, conduct, and behavior of faculty, staff, and students. They are Trusteeship, Integrity, Excellence, Equality, Respect, Sustainability, Innovation, Workplace Values, Accountability, Transparency, Discipline, Perseverance, Competency, Empathy, Teamwork, and Conservation. The Strategic Plan seeks to leverage the strengths that Dr. AIT has developed to build upon them and acquire or develop new strengths. In particular, the Strategic Plan outlines steps to increase the quality of teaching student-centric learning, based on outcomes and quantity of research output through an increase in research intensity, faculty strength, student enrolment, infrastructure, activity/project-based learning, and engagement with industry & international collaborations. The Strategic Plan envisages quality of delivery, sponsored research, consultancy levels, and a focus on the life cycle management of intellectual property.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	https://drait.edu.in/home/Good-Governance-Document

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

Core values are fundamental and universal in nature that acts as the invisible force guiding thought processes, conduct, and behavior of faculty, staff, and students. They are Trusteeship, Integrity, Excellence, Equality, Respect, Sustainability, Innovation, Workplace Values, Accountability, Transparency, Discipline, Perseverance, Competency, Empathy, Teamwork, and Conservation. The Strategic Plan seeks to leverage the strengths that Dr. AIT has developed to build upon them and acquire or develop new strengths. In particular, the Strategic Plan outlines steps to increase the quality of teaching student-centric learning, based on outcomes and quantity of research output through an increase in research intensity, faculty strength, student enrolment, infrastructure, activity/project-based learning, and engagement with industry & international collaborations. The Strategic Plan envisages quality of delivery, sponsored research, consultancy levels, and a focus on the life cycle management of intellectual property. In the technology-enabled world, the Strategic goals of the Institution are dynamically revised. In the coming ten years, the following major Strategic goals as short-term, medium-term, and long-term plans are envisaged. The Strategic Goals are academic excellence, research and innovation, collaborations, globalization, capacity building, self-reliance, governance and integration, infrastructure, holistic development, sustainability, service, and branding & communication.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://drait.edu.in/home/Strategic-Plan
Upload any additional information	No File Uploaded

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

Core values are fundamental and universal in nature that acts as the invisible force guiding thought processes, conduct, and behavior of faculty, staff, and students. They are Trusteeship,

Integrity, Excellence, Equality, Respect, Sustainability, Innovation, Workplace Values, Accountability, Transparency, Discipline, Perseverance, Competency, Empathy, Teamwork, and Conservation. The Strategic Plan seeks to leverage the strengths that Dr. AIT has developed to build upon them and acquire or develop new strengths. In particular, the Strategic Plan outlines steps to increase the quality of teaching student-centric learning, based on outcomes and quantity of research output through an increase in research intensity, faculty strength, student enrolment, infrastructure, activity/project-based learning, and engagement with industry & international collaborations. The Strategic Plan envisages quality of delivery, sponsored research, consultancy levels, and a focus on the life cycle management of intellectual property. In the technology-enabled world, the Strategic goals of the Institution are dynamically revised. In the coming ten years, the following major Strategic goals as short-term, medium-term, and long-term plans are envisaged. The Strategic Goals are academic excellence, research and innovation, collaborations, globalization, capacity building, self-reliance, governance and integration, infrastructure, holistic development, sustainability, service, and branding & communication.

File Description	Documents
Paste link to Organogram on the institution webpage	https://drait.edu.in/home/Governing-Body
Upload any additional information	View File
Paste link for additional Information	https://drait.edu.in/home/Academic-Council-Minutes

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

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

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

Core values are fundamental and universal in nature that acts as the invisible force guiding thought processes, conduct, and behavior of faculty, staff, and students. They are Trusteeship, Integrity, Excellence, Equality, Respect, Sustainability, Innovation, Workplace Values, Accountability, Transparency, Discipline, Perseverance, Competency, Empathy, Teamwork, and Conservation. The Strategic Plan seeks to leverage the strengths that Dr. AIT has developed to build upon them and acquire or develop new strengths. In particular, the Strategic Plan outlines steps to increase the quality ofteaching student-centric learning, based on outcomes and quantity of research output through an increase in research intensity, faculty strength, student enrolment, infrastructure, activity/project-based learning, and engagement with industry & international collaborations. The Strategic Plan envisages quality of delivery, sponsored research, consultancy levels, and a focus on the life cycle management of intellectual property. In the technology-enabled world, the Strategic goals of the Institution are dynamically revised. In the coming ten years, the following major Strategic goals as short-term, medium-term, and long-term plans are envisaged. The Strategic Goals are academic excellence, research and innovation, collaborations, globalization, capacity building, self-reliance, governance and integration, infrastructure, holistic development, sustainability, service, and branding & communication.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drait.edu.in/home/Good-Governance-Document

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

3

File Description	Documents
Upload any additional information	**No File Uploaded**
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

3

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	View File

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

67

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	**No File Uploaded**

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The Institute conducts internal and external financial audits periodically and has its own mechanism to conduct audits. The annual budget of the department is prepared by the respective HODs and submitted to the Principal for approval. The Principal consolidates and prepares the institutional budget and submits the same for approval to the Governing Body. The Finance Officer verifies and compares actual and budgeted income and expenditures. Corrective measures are suggested by Finance Officer for incorporation. Transparency is maintained in both internal and external audits. Chartered Accountant conducts regular financial audits and certifies their annual financial statements. Accounts are maintained on the TALLY ERP system, transparency is maintained in receipts and payments. Annual auditing is carried out by the statutory auditors appointed for the same. The audit department & Audit Team works under the direct control and supervision of the Finance Officer and Internal Auditor of the Trust. Internal Audit: internal audit is conducted monthly by an internal auditor appointed by the Management who checks each bill and payment voucher of all accounts. They submit an audited statement of income and expenditure to the management for consideration and approval.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://drait.edu.in/home/Mandatory-Disclosure

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

0

File Description	Documents
Annual statements of accounts	**No File Uploaded**
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	**No File Uploaded**

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

Proper collection and utilization of financial resources are planned at the beginning of every financial year. The budget details are collected before the start of every academic year. The utilization of the current year's expenses and the budget for the next year is approved by the Governing Body. Research proposals are prepared and sent to different funding agencies like Vision Group on Science and Technology (VGST), All India Council for Technical Education (AICTE), University Grants Commission (UGC), Department of Science & Technology (DST), Visvesvaraya Technological University (VTU), DRDO, ISRO, Karnataka State Council for Science and Technology (KSCST), etc. The grant received from such organizations is used in procuring special equipment needed for research activities thereby strengthening the infrastructural facilities in the laboratories. Different financial sources available are: The fee collected from students is the major resource for the institution. Funding from different funding agencies such as VTU, AICTE, VGST, KSCST, Institute of Engineers and other R&D centers. The management is spending the budgeted amount to develop the required infrastructural facilities such as buildings for various departments, administrative blocks, laboratory equipment, Boys and girls hostel buildings, library building, canteen, auditorium, staff quarters, and exam section buildings.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://drait.edu.in/home/TEQIP-III

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

Proper collection and utilization of financial resources are planned at the beginning of every financial year. The budget details are collected before the start of every academic year. The utilization of the current year's expenses and the budget for the next year is approved by the Governing Body. Research proposals are prepared and sent to different funding agencies like Vision Group on Science and Technology (VGST), All India Council for Technical Education (AICTE), University Grants Commission (UGC), Department of Science & Technology (DST), Visvesvaraya Technological University (VTU), DRDO, ISRO, Karnataka State Council for Science and Technology (KSCST), etc. The grant received from such organizations is used in procuring special equipment needed for research activities thereby strengthening the infrastructural facilities in the laboratories. Different financial sources available are: The fee collected from students is the major resource for the institution. Funding from different funding agencies such as VTU, AICTE, VGST, KSCST, Institute of Engineers and other R&D centers. The management is spending the budgeted amount to develop the required infrastructural facilities such as buildings for various departments, administrative blocks, laboratory equipment, Boys and girls hostel buildings, library building, canteen, auditorium, staff quarters, and exam section buildings.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://drait.edu.in/home/Minutes-of-Meeting

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

The Internal Quality Assurance Cell (IQAC) is established as per the guidelines from UGC to maintain and enhance the quality of education. The prime goal of the IQAC is to develop a system

for consistent and catalytic improvement in the performance of the institution. Revised Blooms Taxonomy (RBT) was initiated by IQAC in the academic year 2016-2017. Faculty aregiven awareness of pedagogical teaching-learning methods, RBT, and Outcome Based Education (OBE) through various workshops and faculty development programs conducted in the department and Institute. Training in RBT is conducted to help the teachers to prepare the question papers, and upgrade their evaluation and assessment skills of the teacher.The Academic Audit involves the following quality checks: 1. Monitoring of classes as per the personal timetable of the teacher, and the class timetable and reporting the discrepancies, if any, to the higher authorities. 2. Verification of section-wise student attendance registers and teacher's diaries. 3. Monitoring attendance of students and verification of attendance every two weeks. 4. Verification of Counselling records and counseling details after every internal examination - To check whether the marks & attendance have been updated in the attendance registers.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://drait.edu.in/home/Minutes-of-Meeting

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)	A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://drait.edu.in/home/Mandatory-Disclosure
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Dr. Ambedkar Institute of Technology continuously works for Equal opportunities, inclusivity, and strong ethical work culture irrespective of caste, religion, gender, language, political, or other status. Its unique work culture, healthy traditions and ethos have led to the enrolment of the employees as per the roaster. Safety, security and well-being, along with gender equity and a friendly working atmosphere are the issues of prime concern to Dr.AIT. Gender sensitivity is an integral value in the cultural philosophy of the institution. The following measures have been taken to promote gender equality Safety and Security Counseling Separate Common rooms for Boys & Girls Anti-Ragging committee Anti-Sexual Harassment committee Women Empowerment programs Awareness campaigns on women's safety and gender Counseling circulars Committee Circulars Mandatory Heath and awareness course for all first-year students (1 credit) from 2021-22 Separate hostels are provided for girls. The college campus is under surveillance with CCTV cameras and round-the-clock security Sufficient lighting is provided in the campus during nights Grievance Redressal Committee

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://drait.edu.in/home/Green-Campus-Practice

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy   Biogas plant Wheeling to the Grid   Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment

B. Any 3 of the above

File Description	Documents
Geotagged Photographs	[View File](#)
Any other relevant information	**No File Uploaded**

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

Dr. Amebdkar Institute of Technology took several initiatives to protect the environment, health and wellbeing through the implementation of maintaining the eco-friendly environment through effective waste management practices in and around the campus. Waste collected is segregated at the source using binswith appropriate labeling. Waste collecting bins are placed at appropriate locations in each block of Dr.AIT and then it is handed over to the BBMP waste collection agency for further processing. Institute does not generate biomedical waste, or other hazardous chemical or radioactive waste. The NSS program organizes awareness among the students, staff, and faculty members periodically. Institute's housekeeping staff and gardeners are helping in the segregation of waste and maintaining greenery on the campus. The E-waste collection bin has been placed separately on campus and periodically local e-waste collecting agency will collect the same for further proper processThe Institute has adopted the following Green practices: Usage of Energy Efficient LED Fittings Usage of Energy Efficient BEE STAR Rated equipment Installation of 4000 LPD Solar Thermal Water Heating System Segregation of Waste at source Provision of Bio composting Unit for Organic Waste Management Good internal Roads within the campus Tree Plantation on the campus

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geotagged photographs of the facilities	View File
Any other relevant information	No File Uploaded

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways
4. Ban on use of plastic
5. Landscaping

A. Any 4 or All of the above

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

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

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following: 1. **Green audit** 2. **Energy audit** 3. **Environment audit** 4. **Clean and green campus recognitions/awards** 5. **Beyond the campus environmental promotional activities**	**A. Any 4 or all of the above**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	[View File](#)
Certification by the auditing agency	[View File](#)
Certificates of the awards received	[View File](#)
Any other relevant information	[View File](#)

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

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

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

Dr. Ambedkar Institute of Technology is proactively involved in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities by celebrating many Events and Festivals at the institution to bring tolerance and harmony among the students and staff and the stakeholders. The institution celebrates Independence Day, Constitution Day, Gandhi Jayanti, Dr. B R Ambedkar Jayathi, Dr. B R Ambdkar Parinirvana day, Anti Ragging, Republic Day, Independence Day, Ganesh Festival, International Yoga Day, NSS Day, Sports Day, Gandhi Jayanti, International Women's Day, Maitri, Dr. AIT is dedicated to providing higher education for SC, ST and women students along with all other students. Some of the activities are designated towards empowering a holistic environment for student improvement. Awareness about Eco-Friendly Ganesha Festival was organized on the 8th and 11th of September 2018, and Awareness about Eco-Friendly Diwali was organized on the 5th of November 2018 by the NSS unit of Dr. AIT.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View File](#)

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

Dr. Ambedkar Institute of Technology has introduced a compulsory course on the Constitution of India and professional Ethics across all engineering disciplines to create awareness and sensitize the students. The Constitution of India is taught to the students to enable them to gain an insight into the constitution and the basic structure of the Indian Constitution, the fundamental rights and the functions of the judiciary in upholding the Indian Constitution Professional ethics is taught to the students to enlighten the students on the duties and basic responsibilities of engineers towards society and their employers. Every year January, 26th Republic day is Celebrated by highlighting the importance of the Indian Constitution and organizing activities like Parade, cultural events, and skits on Patriotism, like Quit India.Similarly, constitution day is celebrated on the 26th of November every year, all the students and staff will read the Preamble of the Constitution of India Independence day is also celebrated on 15th August every year to highlight the struggle for freedom and the importance of the Indian constitution.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	[View File](#)
Any other relevant information	No File Uploaded

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

A. All of the above

File Description	Documents
Code of Ethics - policy document	[View File](#)
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	[View File](#)
Any other relevant information	**No File Uploaded**

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

Institution conducting the following National and International Commemorative days, events and festivals for the last 5 years periodically.The following activities are conducted by Dr. AIT: Eye Check-Up Camp Awareness about Eco-Friendly Ganesha Festival Awareness about Junk food and Drugs Addiction Kodagu Special Camp Blood Donation Camps National Unity Day Awareness about Eco-Friendly Diwali Parking Discipline NSS Camp at Antharasanthe, HD Kote World Water Day Dr.Ambedkar Institute of Technology Clean Campus Initiative Health Checkup and Eye Checkup Camp at Dr. AIT CampusVoter's awareness Tree Plantation Programme for first-semester students Campus cleaning for first-semester students Awareness of the Eco-Friendly Ganesha Festival Awareness about the harmful effects of Smoking and Drugs Addiction Campus to Community Camp at Kanakpura Youth for Eco-Development Sadbhavana Diwas Constitution Day Conscious-Planet Save Soil Observance of Anti-Terrorism Day Sanskruti Independence Day Celebration Kannada KalaravaDr. Ambedkar Jayanthi and National Techno Exhibition Maitri – Fresher's Day National Yoga Day Swatch Bharath Abhiyan at B R Hills Constitution Day Environmental Day Blood Donation Camp International Yoga Day

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

Practice I Title of the Practice: GREEN CAMPUS Objective: Green campus initiatives should be an integral part of the education system and promote these principles within society through students. Our Institute has initiated the green campus program in order to support a sustainable and climate-friendly environment. The main objectives for these initiatives were creating awareness about sustainable energy, energy-efficient measures, recycling, composting and green landscaping in and around the campus. The Context: The main aim of the Green campus program is to promote the awareness about sustainability of materials, reuse, Tree plantation to reduce carbon footprint, water management, etc., to our future generations. But the main challenge is the proper translation of education for sustainable development into practice so that it can be more effective. Any new development should consider and maintain the proper balance of economic, social, and environmental conditions and the participation of all the staff members and students is very important. Institute has implemented this program through the organization of seminars, and campaigns for students and staff. Students are encouraged to do projects related to environmental sustainability, water purification, water management, etc. More stress is being given to the proper infrastructure development so as to maintain green practices.

File Description	Documents
Best practices in the Institutional website	https://drait.edu.in/home/Green-Campus-Practice
Any other relevant information	**Nil**

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

Implementation of Exam Reforms and IT Integration at Dr. AIT Examinations/Assessments play a very important role in deciding the quality of engineering education. It shall not only assess students performance but also measure whether the desired learning outcomes have been achieved. The achievement of Program Objectives and Program Outcomes is crucial and needs to be proven through accurate and reliable assessments. The quality of the question papers in engineering education has been a matter of concern for a long time. It is widely acknowledged that "assessment drives learning". The question papers shall contain questions, which require simple memory recall to questions of higher expectations. High expectations for learning motivate students to rise to the next level. The examination/ assessment at Dr. AIT incorporates thefollowing features: 1.Adaptation of Outcome Based Education (OBE) The curriculum at Dr. AIT is designed as per the requirement of OBE. The syllabus contains objectives and learning outcomes of all the courses so that the students will be made aware of the expectations during the assessment. The question papers for assessment are prepared based on the Course Outcomes appearing in the syllabus.

File Description	Documents
Appropriate link in the institutional website	https://drait.edu.in/home/Rank-List
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

- **NOC for closure of M.Techcourse**
- **Energy auditing**
- **CC Meeting**
- **Deans Meeting**

- PEC Meeting
- AISHE Data
- AICTE - SLA Survey
- IQAC Quarterly Meeting (External)
- NBA - Pre-qualifier submission for MBA department
- NBA Compliance Submission
- GB Meeting
- Progress Review meeting with Mentor
- National Level Project Exhibition
- Ambedkar Jayanthi - Award function
- AICTE approval Process for 2024-25
- NIRF submission
- VTU Continuation of Affiliton for UG/PG and Research Centre
- IQAC Quarterly Meeting (Internal)
- IQAC Lecture Series