



SELF STUDY REPORT

FOR

2nd CYCLE OF ACCREDITATION

**FABTECH TECHNICAL CAMPUS, COLLEGE OF
ENGINEERING AND RESEARCH**

PANDHARPUR ROAD, GAT NO. 565/1, SANGOLA TAL. SANGOLA DIST.

SOLAPUR

413307

www.ftccoe.ac.in

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

September 2023

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Fabtech Education Society's Fabtech Technical Campus College of Engineering & Research, Sangola (FTC COER) is a vibrant and futuristic Engineering Campus. It is established with the objective of empowering the urban as well as rural students through quality education in Engineering and Technology.

Fabtech Technical Campus College of Engineering & Research is the Dream Project of Late Hon. Shri Birasaheb A. Rupnar, an eminent industrialist, a technocrat and a visionary leader. It is said that if one becomes successful then one has to give it back to society and Fabtech Technical Campus' COER is one such great gift in terms of knowledge from its Founder Father the Great Visionary- Late Hon. Shri Birasaheb A. Rupnar.

The institute is affiliated to Dr. Babasaheb Ambedkar Technological University (DBATU), Lonere, recognized by All India Council for Technical Education (AICTE), New Delhi; accredited by the National Assessment and Accreditation Council (NAAC), Bengaluru.

The institute runs following Programs:-

B.Tech (Artificial Intelligence (AI) and Data Science)
B.Tech (Civil Engineering)
B.Tech (Computer Science and Engineering)
B.Tech (Electrical Engineering)
B.Tech (Electronics and Telecommunication Engineering)
B.Tech (Mechanical Engineering)
M.Tech (Electrical Engineering)
M.Tech (Mechanical Engineering)

Vision

To be the prime institute of professional education and research in the benefits of the society.

Mission

- Provide opportunities to deserve students of all communities in particular for quality professional education.
- Design and deliver prospectuses to meet the national and global changing needs through student-centric learning methodologies.
- Nurture and retain the best faculty and technical manpower.
- Amalgamate the state-of-art infrastructure and equipment for teaching and research activates.
- Promote all round personality development of the students through interaction with professionals, alumni, academic and industry.

- Strengthen the Educational Social Responsibilities (ESR) of the institution.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

1. Supportive Administration and Management
2. State of Art Infrastructure
3. Students of weaker sections are admitted as per reservation policy and get the benefit of Scholarship schemes in large numbers
4. Graduating first generation learners from rural area.
5. Excellent final year pass percentage.
6. The outstanding performance of NSS and Extension Activity Cell.

Institutional Weakness

1. Lack of autonomy in curriculum designing
2. Few minor and major research projects in the last 5 years
3. Few copyrights and patents
4. Diversified background of admitted students
5. Lack of Funding from individuals, philanthropists
6. Faculty retention

Institutional Opportunity

1. Improving NAAC accreditation grade
2. Applying for NBA Accreditation of Eligible Programmes
3. Fetching research grants from government and non-government agencies
4. Doing MoUs with industries and institutes of good repute
5. NIRF Participation
6. Implementation of NEP
7. To Apply for research Centre in Mechanical & Electrical Engineering
8. To Apply for M.Tech Programs in Computer Science & Engineering & Civil Engineering

Institutional Challenge

1. Being self-finance college scarcity of funds due to delay in disbursement of scholarship amount from government.
2. Attracting students to participate in sports, cultural and technical events
3. Funded research projects with the collaboration of government and private organizations
4. Improvement in students' progression to higher education and competitive examinations
5. Current scenario of admissions in few programs
6. Balancing the need to serve the requirements of the local community with the need to train students to compete nationally and globally.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

- Curricular planning and implementation is done as per Dr. Babasaheb Ambedkar Technological University (DBATU), Lonere
- The academic Calander of Institute & Departments is prepared as per the academic calendar of affiliating university semester wise.
- Faculty members participate in various activities of the affiliating university.
- All programs have CBCS and Elective Course Systems.
- The identified gaps in the curriculum are bridged by value-added programs conducted by all departments and training programs conducted by the training and placement cell.
- The students undergo internships during their tenure of study as a mandatory curricular requirement as well as field, Industrial Visits and Study Tours are also organized.
- The institute addresses and integrates issues relevant to gender equity, environment and sustainability, human values, and professional ethics in the curriculum prescribed by the university.
- The institute has structured feedback mechanisms to collect feedback from all stakeholders including students, alumni, parents, employers, and teachers on the academic performance and ambiance of the institution.

Teaching-learning and Evaluation

- The admission process of the institution is in accordance with the Director of Technical Education, Mumbai-Maharashtra & Common Entrance Cell (CET), Government of Maharashtra, and affiliating university guidelines. The institute admits students from various reserved categories as per the reservation policies of the competent authority of the government.
- The institution utilizes student-centric methods and experiential learning approaches.
- The teachers adopt ICT tools and e-resources to enrich the learning experiences of the students.
- The institution has proficient and devoted faculty members from diverse backgrounds.
- The institute has adopted Continuous Assessment (CA) mechanism prescribed by the affiliating university to achieve academic excellence. The mechanism of internal assessment is transparent and robust, covering all the learning domains.
- Examination-related grievances are addressed at the institute as well as the university level in a well-defined, time-bound, and efficient manner through Examination Cell.
- The institution ensures good performance from students through outcome-based education by calculating the attainment of various outcomes.
- The institute has remarkable final year results.

Research, Innovations and Extension

- The institute puts in sincere efforts to promote research culture amongst the faculty and students by motivating and encouraging them to publish their work in reputed journals and conferences.
- The institute organizes various seminars, workshops, conferences, NPTEL, Infosys Springboard, MOOC and guest lectures to upgrade the knowledge of faculty and students.
- NSS and Extension Activity Cell, Cultural and Sports Committee, etc. have already been established in

the institute to provide a platform for various extracurricular activities of the students.

- Many of the activities received awards/appreciation from renowned government and non-government agencies in the surrounding area.
- The institute organizes faculty exchange, student exchange, research related programs to promote interaction between industries and the institution via collaborations.
- MoUs are also signed with industries/ corporate houses/ firms to develop activities allied with industries.

Infrastructure and Learning Resources

- The institution has an adequate infrastructure with well-equipped classrooms, laboratories, a library, and a seminar hall as per the requirement of the AICTE and affiliating university.
- The institution motivates students to participate in various co-curricular and extra-curricular activities.
- Playgrounds for outdoor sports and a separate facility for indoor sports are available for the students.
- A gymnasium and Yoga center are also available on campus.
- The institution has a well-stocked library that is automated with software. The library has a good collection of books and e-books for students' use.
- For effective internet access, the institute provides high internet speed and dedicated computing facilities.
- All classrooms are ICT enabled.
- The institute has a well-defined maintenance procedure to take care of the maintenance of infrastructure including laboratories, classrooms, and student support facilities.
- Every year for infrastructure augmentation, library, and repairs & maintenance budget is allocated and expenditure is made as per need.

Student Support and Progression

- The Institute continuously strives to provide an excellent mechanism for the support & progression of students.
- The students are benefitted from scholarships and free-ship schemes provided by the government and non-government organizations.
- The institute provides capability enhancement and development programmes such as guidance for competitive examinations, soft skills development, personal counselling, yoga/meditation, and remedial coaching for students.
- Student grievances are addressed through committees such as Grievance Redressal, Anti-Ragging Committee, and Anti Sexual Harassment Committee.
- Institute organizes various training Programmes and placement drives on-campus as well as off-campus to provide placement opportunities to final-year students.
- Guidance for Higher education and competitive examinations is also provided and has notable results.
- The students actively participate in sports/cultural activities and competitions organized at inter-college, intra-college, university, state, national and international levels.
- The institute also maintains strong and healthy interactions with alumni through alumni meets organized every year. Institute has registered Alumni Association with funding provision.

Governance, Leadership and Management

- The decisions and policies of the management are implemented through the principal and the coordinators of various committees.
- The stakeholders have representation on decision-making committees.
- The strategic plan is prepared and its effective implementation is carried out for the attainment of the vision and mission of the institute.
- The E-governance system is used for planning and development, administration, finance, student admission, and examination.
- Administration takes care of key attributes such as budgetary provisions, financial support, and Infrastructure development for the smooth functioning of the institute.
- For the betterment of the faculty and staff welfare measures are in place.
- The institute has a performance appraisal system to judge the performance of teaching and non-teaching staff members.
- Fund mobilization strategies are in place as well as the internal and external financial audit is conducted every year.
- The principal implements the action plan to improve the quality of the teaching-learning process of the institute as per the recommendations of the IQAC.
- The IQAC is functional and regular meetings are held, audits are done, and NAAC supporting work is carried out under the guidance of IQAC.

Institutional Values and Best Practices

- The Institute takes adequate measures to organize programs related to gender equality promotion, social responsibilities, national festivals, and birth/death anniversaries of great personalities.
- The institute promotes the use of renewable energy (solar), Sensor-based lights, and LED bulbs.
- Solid, liquid, and E-waste management processes are well-structured.
- Institute has rain water harvesting mechanism and harvested water is used for maintaining the green initiatives of the institute.
- Institute follows green practices such as tree plantation, a plastic-free campus, and paperless work to promote environmental consciousness and sustainability.
- Institute has facilities for physically handicapped students such as Ramp, Rail, Toilets, Wheel Chair and Scribe for the examination.
- Two Notable best practices and the distinctiveness of the institute have been given.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	FABTECH TECHNICAL CAMPUS, COLLEGE OF ENGINEERING AND RESEARCH
Address	Pandharpur Road, Gat No. 565/1, Sangola Tal. Sangola Dist. Solapur
City	Sangola
State	Maharashtra
Pin	413307
Website	www.ftccoe.ac.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Ravindra Bhimrao Shendge	01234-567890	9325866656	-	ftc.coer@gmail.com
IQAC / CIQA coordinator	Somnath Thigale	-	9970158565	-	somnath.thigale@ftccoe.ac.in

Status of the Institution	
Institution Status	Private and Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details	
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State	University name	Document
Maharashtra	Dr. Babasaheb Ambedkar Technological University	View Document

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

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)				
Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
AICTE	View Document	02-06-2023	12	Extended Annually
AICTE	View Document	02-06-2023	12	Extended Annually

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

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Pandharpur Road, Gat No. 565/1, Sangola Tal. Sangola Dist. Solapur	Rural	19.75	20760.6

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/ Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BTech,Civil Engineering	48	HSC and CET	English	60	35
UG	BTech,Electronics And Telecommunication Engineering	48	HSC and CET	English	1	0
UG	BTech,Mechanical Engineering	48	HSC and CET	English	60	39
UG	BTech,Computer Science And Engineering	48	HSC and CET	English	120	120
UG	BTech,Electrical Engineering	48	HSC and CET	English	30	30
UG	BTech,Artificial Intelligence Ai And Data Science	48	HSC and CET	English	30	26
PG	Mtech,Mechanical Engineering	24	Graduation and GATE	English	12	3
PG	Mtech,Electrical Engineering	24	Graduation and GATE	English	12	5

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	6				14				57			
Recruited	2	0	0	2	5	0	0	5	39	18	0	57
Yet to Recruit	4				9				0			
Sanctioned by the Management/Society or Other Authorized Bodies	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				65
Recruited	55	10	0	65
Yet to Recruit				0

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

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	2	0	0	5	0	0	1	0	0	8
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	38	18	0	56
UG	0	0	0	0	0	0	0	0	0	0

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

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

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

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

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	667	0	0	0	667
	Female	271	0	0	0	271
	Others	0	0	0	0	0
PG	Male	5	0	0	0	5
	Female	3	0	0	0	3
	Others	0	0	0	0	0
Diploma	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Category		Year 1	Year 2	Year 3	Year 4
SC	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
ST	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
OBC	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
General	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		0	0	0	0

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	As the college is affiliated with DBATU, Lonere adheres to the syllabi prescribed by affiliating university. University has provisions for Multidisciplinary / Interdisciplinary subjects in all programs. Apart from the syllabus college organizes various guest lectures, seminars, workshops, and conferences to instil the culture of working in a multidisciplinary/interdisciplinary environment.
2. Academic bank of credits (ABC):	As per the directives of affiliating university, the college has CBCS and Elective Course System. At the university level efforts are being made to establish an Academic bank of credits (ABC).

3. Skill development:	To develop technical and life skills among the students various training programs, value-added programs, and capability enhancement programs are regularly conducted by the college.
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	The college always considers the Indian Knowledge system for the planning and implementation of Teaching- Learning Process. Apart from this, all festivals, commemorative days, and birth and death anniversaries of great Indian personalities are organized to integrate students with Indian culture.
5. Focus on Outcome based education (OBE):	The college has implemented Outcome-Based Education (OBE) system. Various outcomes are defined and a standard process for calculating the attainment of outcomes has been established.
6. Distance education/online education:	College is yet to take any steps in distance education / online education. However, during the Covid-19 pandemic, all Academic Activities were conducted only.

Institutional Initiatives for Electoral Literacy

1. Whether Electoral Literacy Club (ELC) has been set up in the College?	No
2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?	No
3. What innovative programmes and initiatives undertaken by the ELCs? These may include voluntary contribution by the students in electoral processes-participation in voter registration of students and communities where they come from, assisting district election administration in conduct of poll, voter awareness campaigns, promotion of ethical voting, enhancing participation of the under privileged sections of society especially transgender, commercial sex workers, disabled persons, senior citizens, etc.	Nil
4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research projects, surveys, awareness drives, creating content,	Nil

publications highlighting their contribution to advancing democratic values and participation in electoral processes, etc.	
5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible students as voters.	Nil

Extended Profile

1 Students

1.1

Number of students year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
946	889	940	894	767
File Description		Document		
Institutional data in prescribed format		View Document		

2 Teachers

2.1

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

Response: 72

File Description	Document
Institutional data in prescribed format	View Document

2.2

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

2022-23	2021-22	2020-21	2019-20	2018-19
64	68	72	72	72

3 Institution

3.1

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

2022-23	2021-22	2020-21	2019-20	2018-19
15.95	7.33	12.95	9.19	16.91

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1

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

Response:

Fabtech Technical Campus, College of Engineering and Research, Sangola is affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere. College shared the framework of load distribution, academic calendar, timetable, course plan, daily lecture and practical monitoring, assignment evaluation, remedial classes, expert lectures, and field trips recommends the components of curriculum management & implementation for efficient delivery to students.

The Subject load distribution meeting is held at the conclusion of the preceding semester to determine the workload. Every faculty member is asked to select a subject, and subjects are then assigned based on their selections and as per subjects' availability.

Academic calendar: Before commencement of each academic year, the university gives the pathway regarding date of commencement of each semester, end of semester, tentative schedule of examination in the form of university calendar. The academic calendar of the College, based on the university guidelines is then prepared and given to all the concerned.

Timetable: The full semester's schedule is created according to precise faculty, class, and laboratory hours. All the faculty members and students adhere to this schedule extremely closely.

Course plan: Each faculty prepare course plan for each subject they teach in accordance with the university syllabus. This plan includes a timetable that specifies the total amount of time allotted for teaching and learning activities.

Continuous Assessment/Mid Term Exam and End-of-semester exams on the prescribed syllabus are taken. Remedial lectures are scheduled to make up for any deficiencies in content delivery.

Continuous Assessment: The institute conducts two Internal Assessment Tests of 20 marks each, comprising theory, numerical and design/application questions. For Term Work evaluation the institute follows a continuous evaluation scheme for evaluation of practical experiments, assignments, mini projects/course projects and case studies. Each term work head is evaluated on a scale of 10 marks each. The term work marks are then assigned based on average marks as per the subject scheme prescribed by affiliating university considering timely submission, neatness in presentation and attendance.

1.2 Academic Flexibility

1.2.1

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

Response: 19

File Description	Document
Institutional data in the prescribed format	View Document

1.2.2

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

Response: 100

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

2022-23	2021-22	2020-21	2019-20	2018-19
946	889	940	894	767

File Description	Document
Institutional data in the prescribed format	View Document

1.3 Curriculum Enrichment

1.3.1

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

Response:

The institute plans for the overall & holistic development of the students in the areas of gender, environment and sustainability, human values and professional ethics in this regard extra-curricular, co-curricular activities such as technical, sports and cultural festivals and National Service Scheme (NSS) Cell address this issue.

1. Gender Equality

Students will be sensitized to basic dimensions of the biological, sociological, psychological, and legal aspects of gender. This will be ensured by participation of each gender in various Extra-curricular, co-curricular activities. Our National Service Scheme conducts various awareness programs in this regard. In sports as well as in cultural activities each gender gets equal opportunity to participate and show their talent. Students will attend a finer grasp of how gender discrimination works in our society and how to counter it. A separate women internal committee and grievance cell is also constituted to address the issues related to the female gender.

2. Environment and Sustainability

To create the awareness about environmental challenges amongst students and imparting fundamental knowledge about the environment, the subjects are introduced in curriculum. This helps in developing an attitude of concern for the environment and encourages the students to take care of environment and its improvement. Whereas various programs related to Environment and Sustainability like: Tree Plantation drive, Water Conservation, Save Environment, Awareness program to avoid use of plastic etc. have also been conducted.

3. Business and Communication Ethics

The subject "Professional Communication and Ethics Technique" and "Business and Communication Ethics" in the curriculum plays a key role. also, it helps to inculcate the multidisciplinary approach in students for better understanding of Engineer's responsibilities towards society in successful manner.

4. Anti-Ragging

To maintain healthy and friendly environment among the students, an Anti-ragging Committee is constituted. It handles the issues pertaining to ragging as per the guidelines of UGC, AICTE and Dr. Babasaheb Ambedkar Technological University, Lonere. Without disclosing the identity, any student can lodge a complaint related to these issues.

5. Women Development Cell (WDC)

College celebrates international women's day annually. Invited talks are organised to address the topics

like Laws and Prohibition of Sexual Harassment at Workplace, Role of a Citizens in Empowering Women etc.

6. Human values & Professional Ethics

For social awareness and for social cause, our college regularly conducts the activities such as Blood donation Camp, Road safety programs, Disaster management, Health check-up, etc. College also conducts Seminar/Workshop on Human Values and Professional Ethics.

File Description	Document
Upload Additional information	View Document

1.3.2

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

Response: 73.26

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

Response: 693

File Description	Document
Institutional data in the prescribed format	View Document

1.4 Feedback System

1.4.1

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

Response: A. Feedback collected, analysed, action taken& communicated to the relevant bodies and feedback hosted on the institutional website

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1

Enrolment percentage

Response: 80.41

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

2022-23	2021-22	2020-21	2019-20	2018-19
324	324	247	354	208

2.1.1.2 Number of sanctioned seats year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
324	324	348	408	408

File Description

Document

Institutional data in the prescribed format

[View Document](#)

2.1.2

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

Response: 100

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

2022-23	2021-22	2020-21	2019-20	2018-19
162	162	174	204	204

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

2022-23	2021-22	2020-21	2019-20	2018-19
162	162	174	204	204

File Description	Document
Institutional data in the prescribed format	View Document

2.2 Student Teacher Ratio

2.2.1

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

Response: 14.78

2.3 Teaching- Learning Process

2.3.1

Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences and teachers use ICT- enabled tools including online resources for effective teaching and learning process

Response:

Experiential Learning

Laboratory experiential learning: Technical education is justified by emphasizing practical knowledge. Students demonstrate lecture-based knowledge in lab activities starting from the first year, getting familiar with various laboratories. In the subsequent years, practical knowledge is provided to validate theoretical concepts in their core program subjects.

Industrial Visits: In few courses there is provision for field visits/industrial visits. Subject in-charge organizes visit in consultation with Head of Department and the Principal.

Internship: In a few programs have provision of internship. It provides an opportunity to students to understand how classroom and textbook learning applies to the real world. In other words, internships can help you connect the dots between theory and practical work experience. It also helps to observe how work force of industry applies knowledge to handle real work situations.

Participative Learning

Discussions: Wide varieties of technical topics are discussed in order to make the students to think broad

and come up with their opinions and suggestions that enhances their knowledge and communication skills.

Debates: Debates are followed in some of the subjects (Communication skills and Business Communication & Ethics) where students are required to come with different opinions, thought processes.

Problem Solving Methodologies:

Mini projects: To enhance the practical knowledge with innovative ideas, the students do Mini projects as a part of curriculum specified by university in few semesters.

Final Year Projects: As part of curriculum, a student is normally required to undertake a field/in-house project in their final year of study. Upon completion of Final year project, student should be able to Identify and describe the problem and scope of project clearly.

For enhancing learning experiences using ICT tools faculty member’s use following techniques/ tools-

Smart Board: Our Institute adopts smart boards for interactive teaching and learning. They combine traditional whiteboard features with digital technology, revolutionizing education through touch control, multimedia integration, educational apps, and real-time internet access, fostering student engagement, critical thinking, and problem-solving.

Training Program, Seminars and Guest Lectures: The institute provides internal and external training programs, including faculty-led sessions on basic concepts and industry-focused programs by the Training and Placements cell. Seminars and guest lectures introduce new technologies by industry experts.

Students participate in National seminars, workshops, and societies like IEI and ISTE. Industrial visits enhance problem-solving skills and bridge theory-practice gap. The institute provides 24x7 Wi-Fi, YouTube, NPTEL videos, e-books, and ICT support for skill development.

Use of Applications and Tools: Faculty members use various applications like WhatsApp, and Facebook to create students’ groups for the circulation of information. In recent years online classes are conducted using various applications such as Google Classroom, Zoom, Webex, etc. Google Forms are also used to collect feedback from the students.

2.4 Teacher Profile and Quality

2.4.1

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

Response: 93.3

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

2022-23	2021-22	2020-21	2019-20	2018-19
71	71	75	78	78

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

2.4.2

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

Response: 8.91

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

2022-23	2021-22	2020-21	2019-20	2018-19
6	8	4	10	3

File Description	Document
Institution data in the prescribed format	View Document

2.5 Evaluation Process and Reforms

2.5.1

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

Response:

Continuous Internal Evaluation system for evaluating the academic performance of the students is done by referring guidelines given by Dr. Babasaheb Ambedkar Technological University, Lonere. Out of the 100 Marks per course, the College level assessment 40 Marks and end semester examination 60 Marks is done per marking scheme prescribed by affiliating university.

For determining the College level marks, Continuous Assessment I and II and Mid Semester

Examination is conducted. In Continuous Assessment is varied from course to course. Some course gives emphasis on assignment, viva-voce, attendance, seminar, projects, tutorials presentations, and quiz.

Various ways followed to ensure transparent assessment process are as follows:

1. Displaying Continuous Internal Evaluation Norms.
2. Sharing of evaluated assignments with each individual student.
3. The evaluated answer sheets of internal assessment tests shown to the students.
4. Sharing evaluative remark of subject presentation/ viva-voce seminar by panel of faculty internally and externally by outside experts.

Grievance redressal system:

Internal:

The grievances regarding internal assessment are resolved immediately by the concerned teachers and head of the various departments.

External:

The Examination Cell, in accordance with the guidelines of the Dr. Babasaheb Ambedkar Technological University, Lonere has an efficient mechanism in dealing with the examination related grievances in a transparent and time-bound manner. Examination related grievances are mainly dealt with the college Examination Cell. If any students come with any grievance it is addressed by student through Controller of Examination of the college as per university norms and procedures.

2.6 Student Performance and Learning Outcomes

2.6.1

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

Response:

Vision and Mission statements are displayed on the college website and various places like entrance of the College, Corridor, Principal Cabin, Trustee Cabin, Library and Seminar Hall, IQAC Office etc.

Programme Educational Objectives (PEOs), Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) have been defined by College. PEOs, POs and PSOs are disseminated on college website, at the entrance of the College, Corridor, Principal Cabin and Course Files of Teachers.

The course outcomes are written by the respective faculty member. All the faculty members were maintaining COs in their course files. COs are discussed by faculty members in the classrooms during introductory lecture of respective Subject /Course.

2.6.2

Attainment of POs and COs are evaluated.

Explain with evidence in a maximum of 500 words

Response:

The attainment of various outcomes like COs, POs, PSOs and PEOs is carried out in four stages namely: Planning, Implementation, Evaluation and Action Taken.

1. Planning:

- Various outcomes are defined and a correlation is established between outcomes and tools used.
- A mapping matrix is prepared in this regard for every CO, PO and PSO in the program including the elective subjects.

2. Implementation:

- An individual faculty member uses different direct tools like Class Tests, University Exam,

Assignments, Seminars, Projects etc., for the evaluation of Course outcomes (COs).

- Principal evaluates POs and PSOs by using evaluation of COs and Indirect Tools like Surveys/ feedback from Alumni, Employer, Parents, Teachers, and Students etc. PEOs are also evaluated by using Indirect Tools only.

3. Evaluation:

- Attainment of all outcomes are calculated and compared with expected level of attainment decided by subject teacher for COs and Principal for POs, PSOs and PEOs.

4. Action Taken:

- If attainment was up to the expectation, then appreciation is extended to the concerned faculty member and in case of deviation from the expected attainment of outcome necessary corrective actions are initiated to improve the outcome as per expectations.

2.6.3

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

Response: 93.92

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

2022-23	2021-22	2020-21	2019-20	2018-19
212	245	309	199	208

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

2022-23	2021-22	2020-21	2019-20	2018-19
256	253	319	202	219

File Description	Document
Institutional data in the prescribed format	View Document

2.7 Student Satisfaction Survey

2.7.1

Online student satisfaction survey regarding teaching learning process

Response: 4

File Description	Document
Upload database of all students on roll as per data template	View Document

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1

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

Response: 15.73

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

2022-23	2021-22	2020-21	2019-20	2018-19
12.22	1.50	0.33	0.94	0.74

File Description

Document

Institutional data in the prescribed format

[View Document](#)

3.2 Innovation Ecosystem

3.2.1

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

Response:

The institution features a cell for nurturing the entrepreneurs as well as a cell for the interaction of the institution with the industry. Both cells support the formation of a link between the institution and the industry.

Each department engages in conversation with representatives from the relevant industry to get information about the skills and knowledge they require. The void is filled by organizing workshops and seminars in which the industry professionals will share their insight and knowledge with the students. The link between industry and institutions functions in the following areas: Organising industrial visits of students and faculty for updating their knowledge relevant to the area in which the industry is working.

Students are also required to complete an internship during each academic year, which keeps them aware about the most important skills and innovations in their sector.

In their final semester, students also participate in the project work, which provides them with an opportunity to apply the knowledge acquired by them throughout the four academic years related to their program subjects. They also try to implement their innovative ideas related to their area of interest and learn to analyse and evaluate it and enhance their problem solving skills.

The college also hosts workshops and Guest/expert lectures of renowned personalities from a wide variety of academic disciplines and fields of study like renowned academicians, scientists, etc.

The college has subscriptions to a variety of free online resources, including subject journals, e-journals, and other online publications. Students will refer and learn from these subscriptions provided to them which help them to be updated about the inventions and research happening in their area of interest.

In addition, the college organized excursions to local businesses and educational travel opportunities for its students. Students in their final year of college can participate in a programme designed to strengthen their soft skills, including their ability to communicate effectively.

College has also established the Institution Innovation Council as per norms of MHRD Government of India. The institution conducts entrepreneurship development activities in campus.

Our library offers online resources to students in the form of an electronic library and computers that are connected to the internet.

Through applied research or student projects, faculty members frequently engage with members of the industry to better understand the issues faced by functional areas and try to solve them by allotting industry based sponsored projects. Students attend lectures given by professionals working in their respective fields. Stress is given on the activities involving technical events and initiatives to collaborate with the private sector.

College has an IPR Cell which conducts Patent related Workshops to know the process of patent

publications and encourages Publish patents. The College has organized a few patents workshops and our faculty members have published about 5 patents in the Indian Patent Journal.

3.2.2

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

Response: 41

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

2022-23	2021-22	2020-21	2019-20	2018-19
15	8	7	6	5

File Description

Document

Institutional data in the prescribed format

[View Document](#)

3.3 Research Publications and Awards

3.3.1

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

Response: 0

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

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

File Description

Document

Institutional data in the prescribed format

[View Document](#)

3.3.2

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

Response: 0

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

2022-23	2021-22	2020-21	2019-20	2018-19
0	00	0	0	0

File Description**Document**

Institutional data in the prescribed format

[View Document](#)

3.4 Extension Activities**3.4.1**

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

Response:

As a part of holistic development of students, institute provide different opportunities to inculcate the qualities to develop a social consciousness and solve the problems of society and thereby contribute in the personality development of the students.. This objective is achieved through the NSS Cell, which is established in 2017-18 with 50 volunteers affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere.

The NSS unit conducts various activities like environmental protection, cleanliness drive, tree plantation, rendering help in building of toilet pits, serving (warkaries) pilgrims going to pandharpur and various awareness activities in the nearby area.

NSS program Coordinator conduct regular meet ups with volunteers and plans forthcoming activities. Institute has conducted many skill development programmes, Digital Saksharta and Surakha for the school and junior college students as well as programs like cleanliness drives, environmental awareness, cashless movement, blood donation, tree plantation, ekta rally, shramdan, vachan prerana divas and road safety were also conducted.

Grievance Redressal and Women Development Cell play an active role in empowerment of female students and faculty by organizing various activities like celebration of International Women's Day, expert talks on legal aspects, gender equity session, save girl child program, entrepreneurship development, and rally on Women's Empowerment etc.

3.4.2

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

Response:

Fabtech Technical Campus, College of Engineering and Research, Sangola has received recognition for the Institute NSS unit and its extension activities from various government and non-government recognized bodies like Gram Panchayat, Schools, Junior Colleges, Blood Banks, Primary Health Centres, and other agencies for the conduction of various activities and for its contribution in the programs for the betterment of the society.

3.4.3

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

Response: 75

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

2022-23	2021-22	2020-21	2019-20	2018-19
15	15	15	15	15

File Description

Document

Institutional data in the prescribed format

[View Document](#)

3.5 Collaboration

3.5.1

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

Response: 27

File Description	Document
Institutional data in the prescribed format	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1

The Institution has adequate infrastructure and other facilities for,

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

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

Response:

Fabtech Technical Campus, College of Engineering and Research, Sangola is situated in beautiful landscape and have well equipped laboratories, spacious classrooms, and good infrastructure facilities.

Teaching-Learning Facilities:

1. Classrooms

All the classrooms in the institute are furnished, capacious and well ventilated. All the classrooms are equipped with Desks, bench, Platform, Fans, Tube lights, White Board, Smart Board, LCD Projector, Curtains and LAN/Wi-Fi connectivity thus creating the conducive environment for teaching-learning.

2. Laboratories

Laboratory facilities are as per the AICTE norms satisfying the requirements of furniture, carpet area, lighting, and ventilation. These well-equipped laboratories provide adequate experimental set-ups for carrying out experiments as per the University syllabus. The laboratories are permitted to open beyond college working hours depending on the need of students.

3. Computing Equipment

The institute has 459 with licensed/ free software installed. Enough supporting equipment like scanners and printers are also available. Internet facility of bandwidth 100 Mbps is also into existence. To secure internal LAN, antivirus is installed. Adequate licensed/ Free software is available with every department as per the requirements of the syllabus.

4. Seminar Halls and Smart Class Room

College has well equipped seminar halls with adequate seating capacity, with facilities like LCD projectors, whiteboards, raised platforms and public-address system with internet facility to make it suitable for the big gatherings.

5. Departmental Library

Every department has the departmental library situated in same building of the department, making it convenient for the students and faculties to access the text books, reference books and project reports etc.

6. Central Workshop

Various sections in the central workshop like machine shop, fitting, sheet metal working, welding, carpentry, and foundry are well equipped with conventional machines / tools.

7. Drawing Hall

Drawing Hall is equipped with drawing boards, stools, chalk boards.

8. Central Library

Central library is enriched with books of various current as well as syllabi-based books, journals and e-journals of all disciplines of Engineering and Engineering Sciences. English, Hindi and Marathi newspapers are made available in the central library.

Other Facilities:

1. Training and Placement Cell

Central Placement Cell is established for training and placement activity and is well equipped to carry out skill development activities etc.

2. Faculty Rooms

Individual/shared faculty rooms are equipped with the required furniture along with LAN connection.

3. Washroom and Drinking Water Facility

Adequate Gents and Ladies washrooms are available on every floor along with water purification and cooler facility.

4. Sports and Games

The institute has a spacious and well equipped indoor-sports room, where students can play games. Sufficient area is allocated to outdoor sports and games with adequate facilities.

5. Cultural

All the seminar halls, auditorium is provided with adequate facilities to conduct various cultural activities. When required open auditorium is created in playground for conduction of cultural event.

6. Gymnasium

A gymnasium, with facilities like weight lifting, boxing equipment, physique development equipment, bodybuilding equipment, dumbbells etc.

7. Girls Common Room

A girls' common room serves as a secure and supportive space for female students.

8. Boys Common Room

A boys' common room in our campus provides a designated environment for male students to connect, collaborate, and relax.

Add on Facilities:

Canteen facility, Photocopy Centre, First Aid Room, UPS Power Backups, Doctor on Call, Fire

Extinguishers and CCTVs are also available in the campus.

4.1.2

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

Response: 29.7

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

2022-23	2021-22	2020-21	2019-20	2018-19
4.25	4.13	4.71	1.58	3.84

File Description

Document

Institutional data in the prescribed format

[View Document](#)

4.2 Library as a Learning Resource

4.2.1

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

Response:

Integrated Library Management System (ILMS):

Institute library is automated with AUTOLIB software is the state-of-the-art integrated library management software. It is a user-friendly software developed to work under client – server environment. User can search the library collection by Title, Author, Publisher, and Accession Number.

The software is featured with the following 6 modules to facilitate all the essential functions of the library in a computerized environment.

a. Acquisition

- b. Catalogue
- c. Circulation
- d. OPAC
- e. Serials controls
- f. Administration

The library available for students is 9.00 am to 5.00 pm from Monday to Saturday. The library is open on all days during the examination period. All the students and faculty are communicated about this well in advance before the commencement of the examinations.

Subscription to e-resources:

- 1.e-journals: DELNET and NDLI Subscription.
- 2.e-ShodhSindhu: Institute Level Membership
- 3.Shodhganga Membership: Faculty Level Membership
- 4.e-books: Free e-books Available
- 5.Databases: Available in Hard and Soft Copy
- 6.Remote access to e-resource: e-library tab created on institutional website.

Amount spent on purchase of books, journals:

In last 5 years 10% amount is spent on purchase of books, journals and other allied library activities.

Per day usage of library:-

Daily more than 100 students and 30 faculty members use the library.

4.3 IT Infrastructure

4.3.1

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

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

Response:

Institute provides computing facility with required configuration for computer system and laptops. These are distributed among the various departments for academic and administrative work.

The institute has high speed internet of 100 Mbps to cater the need of academics as well as allied processes.

Key Features:

- Separate computer centre, to facilitate internet access for all the students, staff and faculty members. This facility enables users to access meaningful information available online.
- Exclusive Language Laboratory having sufficient computers with software which enable the students to learn life skills by improving pronunciations with proper accent which in turn helps them in overall personality development.
- E- Governance system by use of ERPs is implemented in Administration office, Exam Section for providing efficient service to the students, staff and faculty members.
- LCD Projectors, Smart Boards, Printers, Scanners, CCTV, Wi-Fi, LAN and Internet facility etc. are also available for effective teaching learning process.
- Digital section in Central Library with high-speed internet connection helps the students and faculty to browse NPTEL videos, e-journals, e-magazines, e-newspapers etc.
- LMS for effective Teaching-Learning is implemented recently.
- Institute has open-source software which are easily available and also purchased many software to pertain academic requirement.
- Institute has appointed dedicated team to maintain and update the IT facilities in the Institute which includes maintenance of Computers, LCD Projectors, Printer, Scanner and other peripherals.

4.3.2**Student – Computer ratio (Data for the latest completed academic year)****Response:** 2.06**4.3.2.1 Number of computers available for students usage during the latest completed academic year:****Response:** 459**4.4 Maintenance of Campus Infrastructure****4.4.1***Percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, during the last five years (INR in Lakhs)***Response:** 48.77**4.4.1.1 Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year wise during the last five years (INR in lakhs)**

2022-23	2021-22	2020-21	2019-20	2018-19
10.72	4.17	7.82	6.61	1.08

File Description**Document**

Institutional data in the prescribed format

[View Document](#)

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1

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

Response: 70.33

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

2022-23	2021-22	2020-21	2019-20	2018-19
323	613	790	772	622

File Description

Document

Institutional data in the prescribed format

[View Document](#)

5.1.2

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

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

Response: A. All of the above

File Description

Document

Institutional data in the prescribed format

[View Document](#)

5.1.3

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

Response: 100

5.1.3.1 Number of students benefitted by guidance for competitive examinations and career

counselling offered by the institution year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
946	889	940	894	767

File Description**Document**

Institutional data in the prescribed format

[View Document](#)**5.1.4**

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

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

Response: A. All of the above

5.2 Student Progression**5.2.1**

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

Response: 67.09

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

2022-23	2021-22	2020-21	2019-20	2018-19
156	144	201	157	129

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

2022-23	2021-22	2020-21	2019-20	2018-19
208	199	309	245	212

File Description	Document
Institutional data in the prescribed format	View Document

5.2.2

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

Response: 18.13

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

2022-23	2021-22	2020-21	2019-20	2018-19
8	13	18	16	15

File Description	Document
Institutional data in the prescribed format	View Document

5.3 Student Participation and Activities**5.3.1**

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

Response: 3

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

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

File Description	Document
Institutional data in the prescribed format	View Document

5.3.2

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

Response: 8

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

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

File Description**Document**

Institutional data in the prescribed format

[View Document](#)

5.4 Alumni Engagement**5.4.1**

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

Response:

It is our pride to share that our alumni have held various positions like presidents, vice presidents, CEOs, entrepreneurs, and heads in major MNCs, public sector, and government organizations on a global, national, regional, and state level.

Fabtech Technical Campus, College of Engineering and Research, Sangola Alumni Association is registered in 2017 and active with funding provision. The head of the department maintains regular contact with the alumni to network and collaborate. The institute invites the alumni to conduct expert lectures, seminars, and workshops.

To strengthen the alumni network by bringing all graduates together to share their experiences, offer support, and provide guidance to students. Alumni are globally connected to students and teachers through social media sites.

Every year, the institute hosts an alumni meeting. The event attracts 50 to 60 alumni on average. During the meeting, alumni share their memories as students, experience as alumni, bond with teachers, attachment, and express their ideas for improving the institute's overall success.

Alumni effectively contribute by visiting to the department to provide guidance through guest lectures, seminars, and workshops. Nowadays, they guide students using online portals. Students interested in pursuing higher education abroad contact alumni and get guidance from alumni who have completed higher education or pursuing higher education.

Teachers act as mediators between alumni and students. This extended support helps a lot to students who are pursuing higher education in foreign countries especially. Students communicate with Alumni via phone, email, and social media.

Alumni provide input through feedback forms on the college's infrastructure and other academic processes, as well as suggest gaps in the curriculum based on current industry demands.

In short, our alumni instill confidence in the students by relating their own journey and extending their support for extensive career and social responsibilities.

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1

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

Response:

Governance and Leadership: -

Vision: "To be the prime institute of professional education and research in the benefits of the society."

Mission:

- Provide opportunities to deserve students of all communities in particular for quality professional education.
- Design and deliver prospectuses to meet the national and global changing needs through student-centric learning methodologies.
- Nature and retain the best faculty and technical manpower.
- Amalgamate the state-of-art infrastructure and equipment for teaching and research activates.
- Promote all round personality development of the students through interaction with professionals, alumni, academic and industry.
- Strengthen the Educational Social Responsibilities (ESR) of the institution.

The vision and mission of the institute have been developed with the active participation of all faculty and guidance from experts of various fields. The institute aims at becoming renowned institute of student's choice with courses aligned with recent development and need of society.

The institute follows ethical practices and encourages Indian culture and value system. The institute is also committed for rural youth development and woman empowerment.

The top management including Trustees, Governing body, College Development Committee, Principal and Faculty are involved in design and implementation of quality policy and plans.

The resolutions related to policies and plans, made during meetings of Governing body and College Development Committee are communicated to the principal. These are discussed in regular meetings of Head of Departments and action plans are prepared.

The minutes of these meetings are briefed to faculty by respective Head of Department in regular department meetings. Action plan for department based on Academic Calendar, Vision Mission of the institute and the departments, Co-curricular and Extra-curricular activities is prepared by Head of Departments and committee in-charges in consultation with Principal. The difficulty if any in execution is conveyed to higher authorities to fulfil the needs.

Various committees at institute as well as departmental level are formed in each academic year. The faculties constitute the member of these committees and are authorized to take appropriate decisions according to the role of committee in academics.

Interaction with stakeholders viz. alumni, parents, employers, take place and their suggestions, feedback are taken for continuous improvement in teaching and learning process.

Decentralization and Participative Management: -

The management provides academic leadership to the faculty in various ways. Principal and head of departments are authorized to carry out the staff selection process and shortlisted candidates are recommended to the management for new appointments.

The Principal and the Head of Departments can propose the laboratory requirements and recommend the purchasing of equipment to purchase and procurement committee and then to the management for final approval.

Head of the Department is empowered to allocate specific subjects to appropriate faculty for the

betterment of students and to get quality results. Apart from the academic workload the Head of the Department can also assign few administrative duties to the individual faculty based on the ability and the leadership qualities of the individuals. Head of Departments can frame strategies for maintaining discipline & attendance, conducting events like seminars/workshops, guest lectures, industrial visits and training programs.

Every faculty is given complete freedom to decide the suitable teaching methodology of his/her choice by understanding the time frame and evaluation mechanism. Faculty is given freedom to carry out higher education including post-graduation and Doctorate. They can recommend books to library.

6.2 Strategy Development and Deployment

6.2.1

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

Response:

The functioning of the institute operates at four different levels such as Student, Faculty, Head of the Department and Principal. The institute provides various forums for all of them to develop and deploy the same at department, institute, and society level by assigning them various responsibilities.

The Head of the Department as a leader understands the strength of the faculty and assesses involvement of faculty while executing specific tasks. The Head of the Department is empowered to allocate specific faculty to handle dedicated events in best possible way.

Student level:

- Support provided to organize extra-curricular and co-curricular activities.
- Responsibilities like coordination of industrial visits and leadership in social forums like NSS unit.
- Opportunities to handle responsibilities like Managing committee of student chapters of professional bodies and institute level committees.

Faculty level:

- Opportunities to lead specific committee while conducting various activities at department and institute level, NSS Cell, Student Council, Student support etc.
- Motivation to lead the students' community by organizing industrial visits, events, seminars/workshops, and guest lectures.
- Encouragement to apply for post-graduation and Doctorate degree by research.

HOD level:

- Decentralization of various responsibilities to develop leadership at department level.
- Planning and monitoring the functioning of department and student performance.
- Interaction with external agencies and professional bodies for empowerment of faculty and students and eventually the institute.

Principal level:

- Freedom to execute academic activities
- Execution of plans approved by Governing Body and College Development Committee.
- Financial freedom and encouragement for improvement of quality outcomes
- Appreciation for execution of best practices
- Organizing events and programs for the benefit of staff and students

Administrative Setup: -

Governing Body is the apex governing body of the institute headed by the chair person is responsible for policy making and budget approval. The institutional decisions are made by the principal in the consultation with management. HODs and various committee/cell in-charges are directed by Principal. The institute has constituted committees as per the norms and additional committees for internal coordination and monitoring of the activities. All the departments of the institute have departmental committees coordinated by faculty members and monitored by Head of the Department and Principal for smooth conduction of academic and administrative activities.

Appointment and Service Rules: -

Recruitment procedure and policies are followed as per AICTE/ Dr. Babasaheb Ambedkar Technological

University, Lonere. / Director of Technical Education, Government of Maharashtra rules and regulations.

Principal and Head of Departments are authorized to carry out staff selection process as per the norms and shortlisted candidates are recommended to the management. Promotion and service policies are followed as per AICTE/UGC norms.

Grievance Redressal mechanism for faculty, staff and students is as given below: -

- Grievance Redressal Committee is formed at the institute level to address the grievances/complaints received from students and staff members.
- The categorization of the grievances is done by the said committee and after proper analysis the committee recommends the corrective measures. These are forwarded to Principal and are implemented by administrative authority to resolve the issues.
- A separate Women Development Cell and Anti-Ragging cell is also constituted to address any specific complaints.

6.2.2

Institution implements e-governance in its operations

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

Response: A. All of the above

6.3 Faculty Empowerment Strategies

6.3.1

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

Response:

Institute implements following welfare measure for faculty and non-teaching staff.

Faculty:

- Motivates and deposes faculty for pursuing higher education.
- Encouragement for the faculty for attending workshops, conferences, seminars, short term courses and faculty development program.
- Encourages the faculty to become members of professional bodies and to participate in the activities organized by them along with financial support.
- Encourages the faculty to undergo industrial training and visit the industry of their domain.
- Encourages the faculty to receive research grants for their projects and provides support.
- Promotes and motivates the faculty to use the ICT tools in their teaching-learning process.
- Encourages the faculty for publication of research papers in reputed Journals/conferences along with financial support.

Non-Teaching Staff:

- Institute organizes training programs as per the need for skill development of non-teaching staff.
- They are encouraged to participate in the organization of technical events.

The other welfare provisions made for both faculty and non teaching staff as described as below:

- Provident Fund
- Fees concession and priority in admissions to the wards of faculty and non teaching staff.
- Leaves (Casual, Earned, Medical, Vacation) as per university norms.
- Maternity leaves for female faculty and staff.
- Medical Facility/ First Aid.
- Group medical Insurance.

Performance Appraisal System for teaching and non-teaching staff:-

The institute adopts self-assessment appraisal system to monitor the performance of faculty and staff. Academic Performance Indicator (API) form are filled by all faculty and staff members. There are three different API forms for faculty, technical staff and supporting staff members.

The information in the **faculty** API form includes general information, Academic background, qualification up-gradation, STTP, FDP, Workshop, Conference, Orientation Program attended during year, Co-curricular and Extra-curricular activities, research and publications and other academic

contributions. The API from provides self-assessment, assessment by Head of Department and thereafter by principal.

Self-assessment of **technical staff** is based on Laboratory responsibilities, administrative responsibilities, Assistance in Teaching Learning Evaluation (TLE) methodology, HOD's report, and Principal's report.

Self-assessment of **supporting staff** includes information related to administrative responsibilities handled, office report, HOD's report, and Principal's report.

6.3.2

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

Response: 0

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

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

File Description

Document

Institutional data in the prescribed format

[View Document](#)

6.3.3

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

Response: 11.82

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

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

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

2022-23	2021-22	2020-21	2019-20	2018-19
15	15	15	15	15

File Description	Document
Institutional data in the prescribed format	View Document

6.4 Financial Management and Resource Mobilization

6.4.1

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

Response:

Strategies for mobilization and optimal utilization of resources: -

The institute is self-financing and the main source of income is tuition fees and development fees. As per the annual requirement, the proposed budget is prepared by the principal and account officer considering the previous year's actual expenditure and future. The proposed budget is finalized in meetings with the Governing Body. The deficit, if any, is taken care of by management through bank loans.

The process for mobilization policy is given below:

- Institute detailed budget.
- Institutional receipts (Tuition and Development fees as per FRA) are properly deposited and utilized for the institute's salary and non-salary expenditures. This complete process is monitored by the account officer and Principal.
- As per the requirements of different departments, laboratories, central library, store, student support, and infrastructure facilities, quotations are invited from the suppliers/dealers/contractors. The comparative statements are prepared and the Principal forwards the recommendations in

consultation with the concerned in-charges, Head of Departments, Principal to the management. Order is placed by the office to respective agencies.

Mechanism of Internal and External Financial Audit: -

The budget estimates and audited statements are prepared regularly. The internal and external audits are carried out to ensure effective and efficient use of financial resources. There is a proper allocation and utilization of the annual budget.

Institution Internal Audit: -

An internal financial audit is a continuous process and the Accounts Officer mainly handles it. Internal audit is carried out annually.

Institution External Audit: -

Every year a group of external auditors comprising a team of chartered accountants perform the auditing of the institute’s financial records and book as per guidelines of the income tax department. For external audits, Management has appointed a chartered accountant firm who take care of external audits at the end of every financial year.

6.5 Internal Quality Assurance System

6.5.1

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

Response:

Sr. No.	Recommendations by Peer Team	Compliance
1	Newer courses and add-on skill-based courses such Auto Cad,	Value Added Programs and Skill Based Courses are conducted

	CIM should be introduced.	
2	To Start MTech in Civil Engineering	As institute is not eligible for NBA Accreditation, we could not start MTech in Civil Engineering. This year we got eligible for NBA, so we will apply for said program
3	To disburse monthly salary regularly each month	Post Covid-19 pandemic salary is disbursed regularly
4	To have lifts in the building	Lift building is in process
5	To recruit senior and experienced teachers	Senior and experienced teachers were recruited
6	To recruit teachers with doctoral degree	Teachers with doctoral degree were recruited
7	To ensure that every subject is handled by qualified teachers with required specialization	Efforts are made to allocate qualified teachers with required specialization
8	To add more textbooks and reference books in library for PG programmes	More textbooks and reference books in library for PG programmes were added
9	To actively participate in Swachha Bharat Programme	College has participated in Swachha Bharat Programme through NSS Cell
10	Soft skill related workshop be conducted with free of cost.	Soft skill related workshops conducted free of cost for the students by Training and Placement Cell.

6.5.2

Quality assurance initiatives of the institution include:

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

Response: A. Any 4 or more of the above

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1

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

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

Response:

Promotion of gender equity: -

To impart an understanding of gender equity and its importance among students and employees, the institute pays attention to providing equal chances to all, for activities that include their personal development, higher education, extra-curricular, and co-curricular activities. Female students and staff are given equal representation on various committees formed at the department as well as institute level. Institute has formed a woman's grievance cell to sort out the issues raised. Awareness talks by various experts are arranged throughout the year.

Security and Safety:

- The Institute gives much importance to security and safety. 24*7 high security is provided by the security team to all staff members and students on the institute campus.
- IDs are issued to all students and staff members and it is to be verified by security personnel.
- The college premises are under CCTV surveillance which ensures the safety of students, staff, and facilities provided in the institute. The CCTV cameras are specially installed near the office and the examination cell.
- Institute is also having floor-wise fire extinguishers at appropriate places. The fire hydrant protection system covers all the institute buildings and pathways. The fire alarm system is also installed in the institute.
- Anti-Ragging committee and Women Development Cell is formed to resolve student's problems.
- Girls and boys together take part in various events.
- Cultural events/festivals like Traditional Days, Navratri festival, and Fresher's party etc. are conducted, which also create awareness and make the students understand gender equality.
- Institute gives equal chances to both girls and boys to participate in college as well as inter-collegiate activities.
- The Institute maintains separate toilets for both male and female students on each floor. Sanitary napkin vending machine is provided to maintain the hygiene of all.
- The Institute has 24-hour Ambulance and doctor on call facility. If any emergency arises, a proper first aid box with all necessary medicines has been kept in the Administrative Block.

Counselling: Faculties are appointed as mentors to the groups of students who take care of their study needs and academic growth. Mentors monitor the academic progress of students.

Common Rooms: The Institute has separate common rooms for boys and girls.

Institutional initiatives to celebrate / organize national and international commemorative days, events and festivals:-

National and international commemorative days, birth, and death anniversaries: -

- Independence Day
- Republic Day
- International Women's Day
- Teacher's Day (Dr. Sarvapalli Radhakrishnan's birth anniversary)
- Library Day (Dr. S. R. Ranganathan's birth anniversary)
- Engineers Day (Sir M Visvesvaraya's birth anniversary)
- Yoga Day
- Swami Vivekananda's Jayanti
- Dr. B. R. Ambedkar Jayanti
- International Yoga Day

Events:

- Annual Sports
- Annual Cultural
- NSS Activities
- Technical Events

Festivals:

The holiday is given to celebrate: -

- Diwali
- Navratri
- Christmas
- Makar Sankranti
- Eid
- Ganesh Festival

7.1.2

The Institution has facilities and initiatives for

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

Response: C. 2 of the above

7.1.3

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

- 1. Green audit / Environment audit**
- 2. Energy audit**
- 3. Clean and green campus initiatives**
- 4. Beyond the campus environmental promotion activities**

Response: C. Any 2 of the above

7.1.4

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

Response:

The Institute provides education to all students irrespective of their culture, region, community, socioeconomic condition, and gender. The Institute has faculty and staff members from different cultures, regions, and communities. The Institute provides the same platform to all students, irrespective of their culture, region, and community. All students participate together in all activities of the institute like sports, cultural events, and extension/ NSS activities.

The Institute organizes various activities on campus to inculcate values for being responsible citizens as reflected in the Constitution of India. Some of the events celebrated every year are as follows:

- The Institute celebrates Independence Day on 15th August and Republic Day on 26th January every year. On this occasion, a program comprising speeches on national importance, patriotic songs, and dances is organized with full patriotic enthusiasm.
- Various types of Pledge taking activities, as per Government directives, are also organized from time to time in the Institute.
- The Institute organizes Integrity Pledge Day on 31st October every year on the birthday of Sardar Vallabh Bhai Patel as the symbol of Unity Day.
- The Institute organizes Swachh Bharat Campaign to raise the awareness about Swachhata in the neighborhood on the occasion of Gandhi Jayanti.
- The institute pays respectful homage to missile man and former president of India, Dr. APJ Abdul Kalam on his birth and death anniversaries.
- Road Safety Awareness programs are conducted every year in Road Safety Week, where students take out rallies to educate society about the importance of helmets.
- For every Local, Vidhan Sabha, and Lok Sabha election holidays are given for the students and staff to cast the vote, as well as awareness of voting is also spread in the neighborhood.
- Programs imbuing Human Values and Professional Ethics are also organized regularly in the Institute under the extension activity cell.
- Under the Unnat Bharat Abhiyan and NSS the students of the institute camps in nearby villages to create awareness about sanitation, waste management, water conservation, and management and sustainable practices.
- Constitution Day is celebrated in the institute to create awareness among students and staff members, about citizen rights and duty.
- The National Anthem is played on the institute's campus every working day before the regular workday starts.
- The National Song- Vande Mataram is played at the time of the end of college.

7.2 Best Practices

7.2.1

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

Response:

Best Practice-I

1. Title of the Practice: Spreading Awareness About Various Scholarships Schemes of State and Central Government.

2. The objective of the Practice: To increase the number of students graduating from rural areas by spreading awareness about various scholarship schemes of state and national government.

3. The Context: To provide the right to education to economically backward students who stay away from the education stream because of a lack of awareness about various schemes of government related to scholarships.

4. The Practice: Various activities to make students aware of scholarship schemes of state and central government have been conducted as well and students were guided about Do's and Don'ts of scholarship form filling. We have observed that, because of sessions conducted, the Institute is witnessing an increase in reserve category students' admissions as well as economically backward students every year.

5. Evidence of Success: It is observed that students benefitting from a scholarship provided by state and central government has notable count.

6. Problems Encountered and Resources Required: To bring seriousness among the students of the deadlines, and documents required is a difficult task.

Best Practice-II

1. Title of the Practice: Value-Added Training imparted by the institute

2. Objectives of the Practice: Train the students to meet the growing demands of the corporate sector.

So, the college has decided to start value-added training programs in the institute to increase the employability of the students through campus placement.

3. The Context: The Institute is affiliated with DBATU, Lonere, and follows its curriculum and academic structure designed by the University. Obviously, the pace of updating the syllabus in response to the needs of the industry cannot be maintained. As the institute is in a rural area of Solapur district, most of the students admitted to the institute are lacking in communication skills and soft skills. All this contributed to lower selection rates in recruitment drives of various companies.

The institute identified where improvement was needed:

- a. Students lack aptitude skills.
- b. Students are weak in communication skills.
- c. Students also lack basic technological inputs.
- d. Lack of awareness among students about the importance of aptitude tests.

To improve upon the above the new policy was planned and implemented.

4. The Practice:

The policy consisted of the methodology and schedule of imparting various inputs to the students in order to improve the performance of students in recruitment drives. The inputs were subdivided into systematically designed Value Added Programs catering to communication skills, domain knowledge, and soft skills. In order to make the students aware of the importance of various skills i.e., aptitude, communication, soft skills, and technical skills, counseling sessions were conducted.

5. Evidence of Success:

The success rate in aptitude tests/screening tests was found to have improved in recruitment drives of various companies as well and there is an increase in placement percentage.

6. Problems Encountered and Resources Required:

One of the major problems faced was the availability of time. Giving these extra inputs as per the planned schedule was difficult to adjust in the academic schedule.

7.3 Institutional Distinctiveness

7.3.1

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

Response:

- 1. Title of the Practice: Community Engagement through NSS/ Extension activities.**
- 2. Objective of the Practice:** To promote extension activities in the neighborhood community and to develop among students a sense of responsibility towards society.
- 3. The Context:** To provide opportunities to inculcate the qualities among the students to understand social consciousness and problems of communities.
- 4. The Practice:** The Institute Conducts various activities related to environmental protection, cleanliness drive, tree plantation, education awareness, health awareness, personal hygiene, awareness related to superstitions, gender equality, self-defense, women empowerment, etc.
- 5. Evidence of Success:** It is observed by performing various activities in the neighborhood society, the Institute has received appreciation from renowned government and non-government agencies in terms of appreciation letters. It is worthwhile to mention that, local media also covered many of the activities mentioned under this practice.
- 6. Problems Encountered and Resources Required:** Funding is the major issue for doing activities on a large scale.

5. CONCLUSION

Additional Information :

- The institute has a dream of creating a benchmark in imparting quality education and it aims to produce quality graduates through extensive teaching, learning, and continuous all-round activities.
- The Institute involves all stakeholders by organizing parents, alumni, and employer meetings. Moreover, the stakeholders are invited to various committees either to contribute to academic or non-academic affairs or to keep students upgraded with the latest happenings in their respective fields.
- Faculty and staff also have representation on various committees where they contribute to decision making.
- In a nutshell, the institute is working for the betterment of society by involving all stakeholders.

Concluding Remarks :

We cordially invite the NAAC peer team to visit our institute and evaluate or assess the institute for the accreditation process.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																				
1.2.1	<p>Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)</p> <p>Answer before DVV Verification : 32 Answer After DVV Verification :19</p>																				
1.2.2	<p><i>Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years</i></p> <p>1.2.2.1. Number of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>946</td> <td>889</td> <td>940</td> <td>894</td> <td>767</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>946</td> <td>889</td> <td>940</td> <td>894</td> <td>767</td> </tr> </tbody> </table>	2022-23	2021-22	2020-21	2019-20	2018-19	946	889	940	894	767	2022-23	2021-22	2020-21	2019-20	2018-19	946	889	940	894	767
2022-23	2021-22	2020-21	2019-20	2018-19																	
946	889	940	894	767																	
2022-23	2021-22	2020-21	2019-20	2018-19																	
946	889	940	894	767																	
1.3.2	<p>Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)</p> <p>1.3.2.1. Number of students undertaking project work/field work / internships Answer before DVV Verification : 946 Answer after DVV Verification: 693</p> <p>Remark : Revision as per attached supporting data</p>																				
2.4.1	<p>Percentage of full-time teachers against sanctioned posts during the last five years</p> <p>2.4.1.1. Number of sanctioned posts year wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>71</td> <td>71</td> <td>75</td> <td>78</td> <td>81</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>71</td> <td>71</td> <td>75</td> <td>78</td> <td>81</td> </tr> </tbody> </table>	2022-23	2021-22	2020-21	2019-20	2018-19	71	71	75	78	81	2022-23	2021-22	2020-21	2019-20	2018-19	71	71	75	78	81
2022-23	2021-22	2020-21	2019-20	2018-19																	
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71	71	75	78	81																	

71	71	75	78	78
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2.4.2 **Percentage of full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the last five years (consider only highest degree for count)**

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
8	8	4	10	3

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
6	8	4	10	3

Remark : Revision as per supporting data attached

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

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
15	8	7	6	5

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
15	8	7	6	5

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

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
69	71	76	65	61

Answer After DVV Verification :

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

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

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
72	65	68	62	54

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
0	00	0	0	0

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

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
15	15	15	15	15

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
15	15	15	15	15

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

Answer before DVV Verification : 27

Answer After DVV Verification :27

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

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

Answer before DVV Verification : 459

Answer after DVV Verification: 459

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

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

Answer before DVV Verification : A. All of the above

Answer After DVV Verification: A. All of the above

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

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
946	889	940	894	767

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
946	889	940	894	767

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

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

Answer before DVV Verification : A. All of the above

Answer After DVV Verification: A. All of the above

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

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
8	13	18	16	15

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
8	13	18	16	15

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

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
7	0	0	0	0

Answer After DVV Verification :

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

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

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

Answer before DVV Verification:

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

Answer After DVV Verification :

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

6.2.2 ***Institution implements e-governance in its operations***

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

Answer before DVV Verification : A. All of the above

6.3.2	<p>Answer After DVV Verification: A. All of the above</p> <p>Percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years</p> <p>6.3.2.1. Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="308 472 1046 607"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>64</td> <td>68</td> <td>72</td> <td>72</td> <td>72</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="308 685 1046 819"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table> <p>Remark : Supporting data been not provided</p>	2022-23	2021-22	2020-21	2019-20	2018-19	64	68	72	72	72	2022-23	2021-22	2020-21	2019-20	2018-19	0	0	0	0	0										
2022-23	2021-22	2020-21	2019-20	2018-19																											
64	68	72	72	72																											
2022-23	2021-22	2020-21	2019-20	2018-19																											
0	0	0	0	0																											
6.3.3	<p>Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years</p> <p>6.3.3.1. Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="308 1256 1046 1391"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>79</td> <td>83</td> <td>87</td> <td>87</td> <td>87</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="308 1469 1046 1603"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>10</td> <td>10</td> <td>10</td> <td>10</td> </tr> </tbody> </table> <p>6.3.3.2. Number of non-teaching staff year wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="308 1682 1046 1749"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	2022-23	2021-22	2020-21	2019-20	2018-19	79	83	87	87	87	2022-23	2021-22	2020-21	2019-20	2018-19	10	10	10	10	10	2022-23	2021-22	2020-21	2019-20	2018-19					
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2022-23	2021-22	2020-21	2019-20	2018-19																											
6.5.2	<p>Quality assurance initiatives of the institution include:</p> <ol style="list-style-type: none"> 1. Regular meeting of Internal Quality Assurance Cell (IQAC); quality improvement initiatives identified and implemented 2. Academic and Administrative Audit (AAA) and follow-up action taken 3. Collaborative quality initiatives with other institution(s) 4. Participation in NIRF and other recognized rankings 																														

	<p>5. Any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA etc.</p> <p>Answer before DVV Verification : A. Any 4 or more of the above Answer After DVV Verification: A. Any 4 or more of the above</p>
7.1.2	<p>The Institution has facilities and initiatives for</p> <ol style="list-style-type: none"> 1. Alternate sources of energy and energy conservation measures 2. Management of the various types of degradable and nondegradable waste 3. Water conservation 4. Green campus initiatives 5. Disabled-friendly, barrier free environment <p>Answer before DVV Verification : A. 4 or All of the above Answer After DVV Verification: C. 2 of the above Remark : Revision as per supporting data</p>
7.1.3	<p>Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following</p> <ol style="list-style-type: none"> 1. Green audit / Environment audit 2. Energy audit 3. Clean and green campus initiatives 4. Beyond the campus environmental promotion activities <p>Answer before DVV Verification : A. All of the above Answer After DVV Verification: C. Any 2 of the above Remark : Revised data as per attached supporting data</p>

2.Extended Profile Deviations

ID	Extended Questions																				
1.1	<p>Number of teaching staff / full time teachers during the last five years (Without repeat count): Answer before DVV Verification : 72 Answer after DVV Verification : 72</p>																				
1.2	<p>Number of teaching staff / full time teachers year wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>64</td> <td>68</td> <td>72</td> <td>72</td> <td>72</td> </tr> </tbody> </table> <p>Answer After DVV Verification:</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>64</td> <td>68</td> <td>72</td> <td>72</td> <td>72</td> </tr> </tbody> </table>	2022-23	2021-22	2020-21	2019-20	2018-19	64	68	72	72	72	2022-23	2021-22	2020-21	2019-20	2018-19	64	68	72	72	72
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