

# **SELF STUDY REPORT**

**FOR**

**1<sup>st</sup> CYCLE OF ACCREDITATION**

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

PANDHARPUR ROAD, GAT NO 565/1, SANGOLA DIST SOLAPUR  
413307

[www.fabtecheducation.com](http://www.fabtecheducation.com)

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Submitted To

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

**BANGALORE**

**January 2018**

# 1. EXECUTIVE SUMMARY

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## 1.1 INTRODUCTION

Fabtech Technical Campus, College of Engineering & Research is established in year 2011 by Fabtech group of industries in Sangola city district Solapur. The primary motive behind its establishment is to empower rural youth through education. In view of this, a state of art infrastructure has been built in the form of Fabtech Technical Campus, Sangola. Major strengths of this campus include youthful, qualified, innovative & dedicated faculty and approach of systematic planning & its execution.

At Fabtech Technical Campus we, the team of faculty, are committed for the holistic development of students, who mainly belong to rural background. We spare no efforts to groom our students, not only in their chosen discipline, but also broaden their mindsets and create positive attitudes thus equipping them with all qualities to make them an asset to whichever institute/organization they may join. To encourage merit, rewards & fee concession are also offered to meritorious & economically weaker students.

We want to provide a big platform to these students who have quality with lowest opportunity for Jobs at Sangola. We will provide quality entrant from required branches.

### **The Institute offers following under graduate programs**

- 1) Computer Engineering (60)
- 2) Electronics and Telecommunication (60)
- 3) Mechanical Engineering (120)
- 4) Electrical Engineering (60)
- 5) Civil Engineering (60)

### **The Institute offers following post graduate programs**

- 1) Mechanical Engineering (24)
- 2) Electrical Engineering (24)

### **The Institute offers following diploma programs**

- 1) Electronics and Telecommunication (60)
- 2) Mechanical Engineering (120)
- 3) Civil Engineering (60)

## **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.

## **1.2 Strength, Weakness, Opportunity and Challenges(SWOC)**

### **Institutional Strength**

- The institute has a committed management with a state of art infrastructure, green campus, clean and airy classrooms. Well-equipped seminar halls, spacious study rooms, Computer Laboratories, open Auditorium, Staff Rooms.
- The institute has Guardian faculty Member (GFM) scheme for close monitoring and counselling of the students.
- Class mentoring and monitoring of the students is done and special care is taken for slow learners to improve the overall academic performance of the students.
- Well established Training & Placement Cell to support students for training in communication skills, aptitude & logical aspects and interview skills for boosting employability.
- Focus on co-curricular, extra-curricular and extension activities leading to holistic development of the students

### **Institutional Weakness**

- Location of institute in rural area.
- The college needs to strengthen the Alumni Association.
- Shortage of Ph. D holders.
- Non availability of University Sponsored Research Center.
- Non availability of Faculty members with industrial experience and research
- Less emphasis on interdisciplinary projects.

### **Institutional Opportunity**

- Center of excellence in key areas for supporting various stakeholders and nearby farmer's community.
- Community development programs based on agro-business and rural industries.
- Enhancement in entrepreneurship activities with the help of industries.
- To increase institute's visibility at State and National level.
- There is scope for an inter-disciplinary and collaborative research

### **Institutional Challenge**

- To develop communication level of rural based Marathi medium students.
- To enhance placements in core companies.
- To strengthen research and development activities.
- Attract meritorious students
- Bridging the gap between academia and industry

## **1.3 CRITERIA WISE SUMMARY**

### **Curricular Aspects**

Fabtech College of engineering and research is affiliated to Solapur University ( SE,TE &BE) and Dr.Babasaheb Ambedkar Technological University (DBATU)( FE), Lonere. The institute is self-financed and opened for the benefit of rural students on the basis of no profit no loss .The institute is an opportunity in itself in this remote draught affected barren area for regional students. The institute has focus on weaker class of students .The institute organizes communication improvement workshops and invite experts from industries and other reputed institutes to promote employability of the students .The state of art infrastructure and green campus enhance and motivate better conditions for technical education. A dedicated Academic Monitoring committee ensures effective implementation of timetables and in time completion of curricular activities in stipulated span of university academic calendar. The faculty members participate in university committees in the design and review of syllabus. The institute emphasis on up gradation of teaching tools and methods .The teaching faculty members are participate in training, conferences, workshop and publications. Regular subject feedback is taken and analyzed .The appropriate action is taken and proper counseling is provided to new faculty members. curriculum enrichment is ensured through collaborative activities and MOUs with various industries. In addition to routine class teaching, expert lectures and internet facilities are provided.Every department organise industrial visit to increase exposer of industry to inculcate creativity among students. The designed and established mechanism of the institute, for monitoring and evaluating the quality of imparted curriculum, helps to achieve the goals and objectives.

### **Teaching-learning and Evaluation**

Admission process is systematically administrated and transparency is maintained in accordance with the norms prescribed by the Solapur University, Solapur and Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad. The advertisement for the same is published in newspapers. The college also admits students from other states. Keeping in view the changing curriculum, seminar and workshops are organized to enable the teachers to adapt the changing needs of the society and market. Expert lectures by from various sectors are organized for students. The college has a well-organized and well planned teaching, learning and evaluation schedule integrated into the system. Guardian Faculty Member is formed to for close monitoring and

counseling of students. Heads of department designed the academic calendar in line with SUS and Dr. BATU academic calendar, department follows this academic calendar and design action plan which is meticulously implemented for the effective transaction of curriculum. Daily attendance is maintained class wise. Faculty feedback is taken, analyzed and presented to the Principal. Newly admitted students are welcomed in Induction function and free interaction with parents and teachers. NSS is implemented in the college. College follows the norms laid down by government regarding the scholarship to SC & ST category students. College conducts the remedial classes for slow learners. College provide e-learning, Journals and NPTEL videos, periodicals are available in college library. College organized various technical competitions like event like project idea presentation, Best from Waste, Poster presentation & quiz competition. Institute conducts FTP activities and workshops, seminars, guideline sessions to students.

### **Research, Innovations and Extension**

Indian government is promoting for research. Research at college level is first step to promote the research among the Youths. This criterion deals with the facilities and efforts made by the institution to promote 'a Research culture, Innovations and Extension'. In this connection the institute has taken the initiatives to develop the research facility for students and faculty.

The college has good infrastructure in terms of number of laboratories, equipments and library resources. The college library has good collection of books and journals to facilitate research. The institute is developing Research and Development Cell and the incubation centre. "An Education Empowered by Industry .." is our motto because the institute has Industrial back bone.

To promote various community engagement activities, institute has NSS. Through student associations, students conduct various social, outreach programmes and extension activities such as Blood Donation Camps, Tree Plantation, Road safety camps etc. Faculty members and students have participated in activities such as Swachha Bharat Abhiyan, Palakhi food distribution, International Women's Day etc.

To encourage faculty members to attend conferences, publish research articles the institute has budgetary provision. Many faculty of the institution presented research papers at national and international conferences and journals which are resulted in publication of about 120 papers during the last 5 years. The Institute also encourages faculty members for Ph.D registration. In addition to this Dr. S. S. Nikte has received Super SID monitor for Ionospheric research. Institute has signed functional MoUs with several esteemed organizations from academia as well as industries.

### **Infrastructure and Learning Resources**

The College is situated in rural area on a sprawling 19.28 acres of lush green campus with built-up area of 21519.1 square meters. The management shows keen interest in the creation and enhancement of infrastructure and ensures maintenance of existing buildings in the institution for smooth running of all the academic, co-curricular and extracurricular activities. Necessary budget is allocated to upgrade and create needed infrastructure. The infrastructure facilities ensure smooth teaching learning processes. Bottom up approach is used in preparing the budget and allocation of funds accordingly for maintenance and upkeep of the facilities. Review meetings are taken for effective utilization of the funds.

All these campus facilities are maintained through full-time staff members appointed by the parent organization

as well as by maintenance contractors. We promote interest in sports and cultural events; the college encourages students by providing adequate budget and resources. Every year students organize cultural event named “Nakshatra”. College publishes annual magazine named “FABulous”. Student magazine committee along with the faculty coordinator looks after the magazine activity.

### **Student Support and Progression**

Fabtech Technical Campus, College of Engineering & Research, Sangola support student to get benefitted by Scholarship and freeships provided by Government. Also Institute provides institute level scholarship/concessions for meritorious and economically weaker students. Institute is taking care of overall development of students and to improve student placement ratio by arranging capability enhancement schemes. Institute provides support to attend / complete in plant training through training & placement department. Institute involves students in academic and administrative bodies. Also institute having transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases. Institute motivate to the students to appear for gate and competitive examination and support to take admission for higher education. Institute motivate and support to students to participate in national, university levels sports and cultural activities due to that some students got gold medals at national and university level competitions. Institute has registered “**FABTECH TECHNICAL CAMPUS MAJI VIDYARTHI KALYANKARI SANSTHA SANGOLA**”. MAJI VIDYARTHI KALYANKARI SANSTHA organize alumni meet at list once in year. Alumni are informally a part of the teaching learning process through expert lecture, organizing industrial visits and mentoring students.

### **Governance, Leadership and Management**

The vision and mission of institute is designed in harmony with higher education policies of government and by considering the needs of the society. The management and the Principal ensure the sustainable growth of the institute. Faculty member has active involvement in the decision-making process at various levels. Periodical interaction is made with all stakeholders for strategic planning and monitoring of policies. The various institute level committee are comprised of the Principal, Deans, Heads of Department, senior faculty members, and student’s representative for grooming the leadership at various levels. The institute encourages faculty members to attend workshops, conferences, seminars and publish research papers. Academic Performance Appraisal System is used to evaluate the performance of each faculty member. The management plays active role in the performance appraisal of the faculty members to take corrective action for providing appropriate incentives. The institution has adequate budgetary provisions for academic and administrative activities. The institute follows a meticulous Internal & Statutory (External) Audit System through a Chartered Accountancy Firm, R.M. Rajapurkar & CO. for each financial year. IQAC / AMC play an important role to analyze and improve the academic and administrative performance of the institute. Internal Quality Assurance Cell (IQAC) consists of Principal, secretary, head of departments, senior faculty members, administrative officer and stake holders such as alumina, parent & employer. IQAC has defined quality assurance strategies to ensure the quality of teaching learning, evaluation, research and administrative processes. Integration of modern teaching methods/tools and promote e-learning platform.

### **Institutional Values and Best Practices**

Though the college is located in drought prone area, it has maintained large number of trees in campus, which

helps to reduce air pollution. The Institute is very conscious towards conservation and safety of the environment. It undertakes various measures to have a green outlook. Institute maintains Safety and security of wards, as well as cleaning system to maintain healthy and secure life of students. Internal audit is carried out by college appointed auditors. The accounts of the institute are audited regularly as per the Government rules. Our institute organizes the birth and death anniversaries of the great Indian personalities, to inculcate the morals of their life to the students. The institution promotes many practices to improve the quality of education and teaching-learning process to make the future of the students bright and excellent. Fabtech first year activity and Academic multi monitoring system presently, being followed at the institute are designed and developed, keeping in view, the rural background of students. Results indicative of implementation of these practices are improvement of quality and competency of teachers, academic success of the students, communication improvement and confidence building leading to overall development of the students. FTC takes special efforts to enhance the soft skill in the students through conducting training sessions by Training & Placement cell for upliftment of rural students.

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## 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 Dist Solapur
City	SANGOLA
State	Maharashtra
Pin	413307
Website	<a href="http://www.fabtecheducation.com">www.fabtecheducation.com</a>

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Aniruddha Balkrishna Mahatme	02187-223000	7385170800	02187-223003	ftc.coer@gmail.com
Associate Professor	Pravin Arjun Dhawale	02187-	8408888655	02187-	pravin.dhawale1980@gmail.com

Status of the Institution	
Institution Status	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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Date of establishment of the college	30-06-2011			
<b>University to which the college is affiliated/ or which governs the college (if it is a constituent college)</b>				
<b>State</b>	<b>University name</b>		<b>Document</b>	
Maharashtra	Dr. Babasaheb Ambedkar Technological University		<a href="#">View Document</a>	
Maharashtra	Solapur University		<a href="#">View Document</a>	
<b>Details of UGC recognition</b>				
<b>Under Section</b>			<b>Date</b>	
2f of UGC				
12B of UGC				
<b>Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)</b>				
<b>Statutory Regulatory Authority</b>	<b>Recognition/Approval details Institution/Department programme</b>	<b>Day,Month and year(dd-mm-yyyy)</b>	<b>Validity in months</b>	<b>Remarks</b>
AICTE	<a href="#">View Document</a>	05-05-2017	12	For Current AY

<b>Details of autonomy</b>	
Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?	Yes
If yes, has the College applied for availing the autonomous status?	No

<b>Recognitions</b>	
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

<b>Location and Area of Campus</b>				
<b>Campus Type</b>	<b>Address</b>	<b>Location*</b>	<b>Campus Area in Acres</b>	<b>Built up Area in sq.mts.</b>
Main campus area	Pandharpur Road, Gat No 565/1, Sangola Dist Solapur	Urban	19.28	21519.1

## 2.2 ACADEMIC INFORMATION

<b>Details of Programmes Offered by the College (Give Data for Current Academic year)</b>						
<b>Programme Level</b>	<b>Name of Programme/Course</b>	<b>Duration in Months</b>	<b>Entry Qualification</b>	<b>Medium of Instruction</b>	<b>Sanctioned Strength</b>	<b>No.of Students Admitted</b>
UG	BE,Civil Engineering	48	HSC JEE CET DIPLOMA	English	240	240
UG	BE,Electrical Engineering	48	HSC JEE CET DIPLOMA	English	240	158
UG	BE,Electronics And Telecommunication Engineering	48	HSC JEE CET DIPLOMA	English	240	106
UG	BE,Mechanical Engineering	48	HSC JEE CET DIPLOMA	English	480	260
UG	BE,Computer Science And Engineering	48	HSC JEE CET DIPLOMA	English	240	82
PG	ME,Electrical Engineering	24	BE BTech GATE	English	48	17
PG	ME,Mechanical Engineering	24	BE BTech GATE	English	48	14

### Position Details of Faculty & Staff in the College

<b>Teaching Faculty</b>												
	<b>Professor</b>				<b>Associate Professor</b>				<b>Assistant Professor</b>			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	9				25				67			
Recruited	0	0	0	0	0	0	0	0	37	7	0	44
Yet to Recruit	9				25				23			
Sanctioned by the Management/Society or Other Authorized Bodies	1				3				23			
Recruited	1	0	0	1	3	0	0	3	12	11	0	23
Yet to Recruit	0				0				0			

<b>Non-Teaching Staff</b>				
	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Total</b>
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				54
Recruited	42	12	0	54
Yet to Recruit				0

<b>Technical Staff</b>				
	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Total</b>
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				13
Recruited	13	0	0	13
Yet to Recruit				0

**Qualification Details of the Teaching Staff**

<b>Permanent Teachers</b>										
<b>Highest Qualification</b>	<b>Professor</b>			<b>Associate Professor</b>			<b>Assistant Professor</b>			<b>Total</b>
	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Male</b>	<b>Female</b>	<b>Others</b>	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	1	0	0	1	0	0	1	0	0	3
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	2	0	0	61	18	0	81

<b>Temporary Teachers</b>										
<b>Highest Qualification</b>	<b>Professor</b>			<b>Associate Professor</b>			<b>Assistant Professor</b>			<b>Total</b>
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

<b>Part Time Teachers</b>										
<b>Highest Qualification</b>	<b>Professor</b>			<b>Associate Professor</b>			<b>Assistant Professor</b>			<b>Total</b>
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

<b>Details of Visting/Guest Faculties</b>				
<b>Number of Visiting/Guest Faculty engaged with the college?</b>	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Total</b>
		20	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
PG	Male	27	0	0	0	27
	Female	4	0	0	0	4
	Others	0	0	0	0	0
UG	Male	581	0	0	0	581
	Female	266	1	0	0	267
	Others	0	0	0	0	0
Diploma	Male	314	0	0	0	314
	Female	120	0	0	0	120
	Others	0	0	0	0	0

<b>Provide the Following Details of Students admitted to the College During the last four Academic Years</b>					
<b>Programme</b>		<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>
SC	Male	48	47	49	41
	Female	32	27	16	18
	Others	0	0	0	0
ST	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
OBC	Male	109	122	131	103
	Female	67	60	51	32
	Others	0	0	0	0
General	Male	323	368	423	318
	Female	149	158	147	108
	Others	0	0	0	0
Others	Male	136	158	147	118
	Female	60	64	47	45
	Others	0	0	0	0
<b>Total</b>		<b>924</b>	<b>1004</b>	<b>1011</b>	<b>783</b>

### 3. Extended Profile

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#### 3.1 Programme

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

**Response : 109**

**Number of self-financed Programmes offered by college**

**Response : 7**

**Number of new programmes introduced in the college during the last five years**

**Response : 3**

#### 3.2 Student

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

2016-17	2015-16	2014-15	2013-14	2012-13
924	1004	1011	783	459

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

2016-17	2015-16	2014-15	2013-14	2012-13
372	363	365	374	314

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

2016-17	2015-16	2014-15	2013-14	2012-13
310	236	188	1	1

**Total number of outgoing / final year students**

**Response : 734**

#### 3.3 Academic



**Number of teachers year wise during the last five years**

2016-17	2015-16	2014-15	2013-14	2012-13
82	76	68	57	43

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

2016-17	2015-16	2014-15	2013-14	2012-13
82	76	68	57	43

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

2016-17	2015-16	2014-15	2013-14	2012-13
104	104	104	85	44

**Total experience of full-time teachers****Response : 514.33****Number of teachers recognized as guides during the last five years****Response : 8****Number of full time teachers worked in the institution during the last 5 years****Response : 153****3.4 Institution****Total number of classrooms and seminar halls****Response : 26****Total Expenditure excluding salary year wise during the last five years ( INR in Lakhs)**

2016-17	2015-16	2014-15	2013-14	2012-13
178.10570	155.27192	154.21019	54.26987	45.11574

**Number of computers**

**Response : 612**

**Unit cost of education including the salary component(INR in Lakhs)**

**Response : 0.88**

**Unit cost of education excluding the salary component(INR in Lakhs)**

**Response : 0.19**

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## 4. Quality Indicator Framework(QIF)

### Criterion 1 - Curricular Aspects

#### 1.1 Curricular Planning and Implementation

##### 1.1.1 The institution ensures effective curriculum delivery through a well planned and documented process

###### Response:

- The institute is affiliated to AICTE and implements the curriculum of Solapur University and Dr Babasaheb Ambedkar University, Lonere( DBATU).
- For the effective implementation of the curriculum, the college has developed following process.
- The Principal conducts regular meetings to plan programs and key issues in tune with the vision, mission of the institute.
- Decisions are communicated at length to entire faculty and student body through notice board and classroom announcements.
- Vision, mission is displayed on college website <http://www.fabtecheducation.com>. It is displayed at various places in college premises such as, college canteen, library, seminar halls, workshop ,laboratories, HOD cabins.

###### Implementation

- The Principal conducts meetings at length with faculty and encourages them to adopt effective and innovative teaching methods.
- The principal encourages faculty members to participate in workshops, seminars and short term training programs organized by university and other expertise institutes and industries to sharpen and enhance field oriented teaching.
- The institute prepares academic calendar according to University academic calendar. And subjects are allotted well before the commencement of classes so that staff finds ample time in preparing the subjects collecting NPTEL videos, power point presentations and planning interactive sessions.
- Time table is prepared according to university norms.
- Every faculty prepares object oriented teaching plan, question bank,
- Plan of subject related NPTEL videos show, The teaching plan and laboratory plan is made by every faculty which is approved by Head of the department in the beginning of semester .Every faculty conducts lecture to achieve program educational objective and program objective of the institute.
- The institute library provides enough books and other teaching materials like teaching models, journals, magazines. The digital library is main e-learning resource for students .The students listen and watch video lectures in digital library. A spacious, grand study room is attached to library which is kept open late night for the students.
- The institute has established MOUs with reputed organizations to promote aptitude, innovation and training of students.
- Every department implements Guardian Faculty Member scheme in which every faculty is assigned 20 students for close counseling and problem solving of students.
- The institute has framed academic monitoring committee for effective implementation of

curriculum. Academic monitoring committee includes Principal, academic dean ,HODs and class coordinators and senior faculty members to ensure effective conduction of classes as per time table.

- Syllabus review is collected from classes in the middle of every semester for timely and effective completion of syllabus.
- Subject feedback is taken in middle of each semester and proper actions are taken to improve teaching -learning process.
- Remedial classes are conducted for late admissions in first year and lateral entry students in second year.
- Academic diary is verified at the end of every month by academic monitoring committee.
- Institute invite subject experts from various reputed engineering colleges and industry and organize guest lectures.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

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

**Response:** 12

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

2016-17	2015-16	2014-15	2013-14	2012-13
4	3	4	1	0

File Description	Document
Details of the certificate/Diploma programs	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

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

**Response:** 3.74

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

2016-17	2015-16	2014-15	2013-14	2012-13
5	2	2	4	0

<b>File Description</b>	<b>Document</b>
Any additional information	<a href="#">View Document</a>
Details of participation of teachers in various bodies	<a href="#">View Document</a>

## 1.2 Academic Flexibility

<b>1.2.1 Percentage of new courses introduced of the total number of courses across all programs offered during the last five years</b>				
<b>Response:</b> 100				
1.2.1.1 How many new courses are introduced within the last five years				
Response: 109				
<b>File Description</b>	<b>Document</b>			
Details of the new courses introduced	<a href="#">View Document</a>			
<b>1.2.2 Percentage of programs in which Choice Based Credit System (CBCS)/Elective course system has been implemented</b>				
<b>Response:</b> 100				
1.2.2.1 Number of programs in which CBCS/ Elective course system implemented.				
Response: 7				
<b>File Description</b>	<b>Document</b>			
Name of the programs in which CBCS is implemented	<a href="#">View Document</a>			
<b>1.2.3 Average percentage of students enrolled in subject related Certificate/ Diploma programs/Add-on programs as against the total number of students during the last five years</b>				
<b>Response:</b> 10.05				
1.2.3.1 Number of students enrolled in subject related Certificate or Diploma or Add-on programs year wise during the last five years				
2016-17	2015-16	2014-15	2013-14	2012-13
139	161	114	62	0

File Description	Document
Details of the students enrolled in Subjects related to certificate/Diploma/Add-on programs	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## 1.3 Curriculum Enrichment

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

#### Response:

The cross cutting issues like Gender, Climate Change, Environment Education, Human Rights, etc. finds an ample space when it comes to apply them positively into the curriculum.

- **COURSE NAME: ENVIRONMENTAL STUDIES:** University has incorporated the subject as Environmental studies in Second Year. The Subject gives basic knowledge about environment and issues related to it. It improves skills in students to identify and solve environmental problems by participating in environment protection .It aware student to use properly consumable energy resources.
- **COURSE NAME: COMMUNICATION SKILLS:** The ability to communicate information accurately, clearly and as intended, is a vital life skill and something that should not be overlooked. Communication skills are essential for starting to build relationships, both professionally and at home. It helps to improve public speaking and presentation skills. Communication can be a tricky concept to master within an organization, particularly one with complex levels and multiple issues.
- **COURSE NAME: ENERGY AUDIT AND MANAGAMENT:** This subject helps to understand importance of energy and Energy security. Student can understand the impact of use energy resource on environment and emission standards, different operating framework.
- **COURSE NAME: SOFTWARE ENGG AND PROJECT MANAGEMENT:** The course defines characteristics and management principles of a project as well as risk management of software project .It helps to apply the project management principles across all phases of a project work in multidisciplinary project as part of team.
- **COURSE NAME: ENGINEERING ECONOMIC AND IDNDUSTRIAL MANAGEMENT:** The students should know the economic aspects & Industrial Management related to the course of the electrical engineering which will be useful while doing the job in the industries or doing own business. Students will know all the economic aspects & managerial skills required in industries & they will be more competent while doing the job in the industries.
- **COURSE NAME: ENVIRONMENTAL ENGINEERING:** To acquaint the students with drinking water quality standards and forecast water Demands. Study of various units of water treatment plants, treatment procedures and sequencing of water treatment units for various sources of water. Students apply knowledge of advanced water treatment processes for individual water purification units.

- **COURSE NAME: STRESS AND COPING:** This course is growing awareness that students' experiences of stress may impede academic success, compromise mental health, and promote substance use. Coping strategies are specific efforts that individuals employ to manage stress. This study aimed to assess the perception of stress among medical students and their coping strategies.
- **Gender**
- In order to improve women percentage in the higher education, every effort is taken by the institute to make the campus safe for girl students
- College has near about 45 percent of girl's student and 55 percent of boys students.
- College organizes program like Gender Equality.
- College has formed a discipline committee which includes ladies and gents staff to stop harassment and eve teasing.
- Campus organizes programs like 'Mahila Sabalakaran' to enhance woman empowerment. A lady as hostel warden and security guard for the hostel as well as security guards are available for the campus 24\*7.

File Description	Document
Any Additional Information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

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

**Response:** 7

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

Response: 7

File Description	Document
Details of the value-added courses imparting transferable and life skills	<a href="#">View Document</a>
Brochure or any other document relating to value added courses.	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 1.3.3 Percentage of students undertaking field projects / internships

**Response:** 16.95

1.3.3.1 Number of students undertaking field projects or internships

Response: 149

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
List of students enrolled	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## 1.4 Feedback System

<p><b>1.4.1 Structured feedback on curriculum obtained from 1) Students 2) Teachers 3) Employers 4) Alumni 5) Parents For design and review of syllabus semester wise/ year wise</b></p> <p><b>A.Any 4 of the above</b></p> <p><b>B.Any 3 of the above</b></p> <p><b>C. Any 2 of the above</b></p> <p><b>D. Any 1 of the above</b></p> <p><b>Response: A.Any 4 of the above</b></p>	
File Description	Document
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	<a href="#">View Document</a>
URL for stakeholder feedback report	<a href="#">View Document</a>

<p><b>1.4.2 Feedback processes of the institution may be classified as follows:</b></p> <p><b>A. Feedback collected, analysed and action taken and feedback available on website</b></p> <p><b>B. Feedback collected, analysed and action has been taken</b></p> <p><b>C. Feedback collected and analysed</b></p> <p><b>D. Feedback collected</b></p> <p><b>Response: B. Feedback collected, analysed and action has been taken</b></p>	
File Description	Document
Any additional information	<a href="#">View Document</a>
URL for feedback report	<a href="#">View Document</a>



## Criterion 2 - Teaching-learning and Evaluation

### 2.1 Student Enrollment and Profile

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

**Response:** 0

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

2016-17	2015-16	2014-15	2013-14	2012-13
00	00	00	00	00

#### File Description

#### Document

List of students (other states and countries)

[View Document](#)

Institutional data in prescribed format

[View Document](#)

Any additional information

[View Document](#)

#### 2.1.2 Average Enrollment percentage (Average of last five years)

**Response:** 43.96

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

2016-17	2015-16	2014-15	2013-14	2012-13
226	300	341	411	321

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

2016-17	2015-16	2014-15	2013-14	2012-13
714	751	763	758	651

#### File Description

#### Document

Any additional information

[View Document](#)

Institutional data in prescribed format

[View Document](#)

**2.1.3 Average percentage of seats filled against seats reserved for various categories as per applicable reservation policy during the last five years****Response:** 46.58

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

2016-17	2015-16	2014-15	2013-14	2012-13
109	157	230	183	152

**File Description****Document**

Institutional data in prescribed format

[View Document](#)**2.2 Catering to Student Diversity****2.2.1 The institution assesses the learning levels of the students, after admission and organises special programs for advanced learners and slow learners****Response:****Key Indicator - 2.2 Catering to Student Diversity (50)****2.2.1: The institution assesses the learning levels of the students, after admission and organizes special programs for advanced learners and slow learners. (30) (QLM)**

The Government of Maharashtra, DTE is conducts eligibility test is known as state Common Entrance Test (CET) for admission to the First Year of Engineering and eligibility criterion for this test HSC or Diploma in Engineering or Bachelor of Science Examination from a recognized institution. DTE invite online applications from Candidates for participating in CET and/ or CAP for seeking admission to the Professional Courses for which State CET or the admission process is carried out through AIEEE quota, which is an all India level entrance test. After admission, the Institute collects information about CET score, qualifying exam marks, participation in social and other activities for the first year students and for second year onwards academic performance in the form of the results of university examinations results.

The institute offers a number of opportunities for advanced learners to augment their talent and meet their learning needs.

- Faculty teaches the syllabus by using advanced teaching tools like animations, videos, charts to the students gets understand.
- Institute arranged certified programs for student development..
- T&P cell is arranging Aptitude and reasoning classes for competitive examinations and communication skills improvement programs.
- Institute arranging guide line sessions for competitive examinations to the students.

- The institute library provides a lot of journals, eBooks, text books, reference books, NPTEL videos through which the students can gain knowledge on the advanced topics.
- Book bank facility is provided to class five toppers for their advanced study.
- The institute arranges expert lectures to guide the students for higher studies

Also the institute offers some special programs for slow learners to improve their talent and meet their learning needs

- If a student does not attend classes regularly; the institute tries to look into the reasons for it, in order to reduce the number of dropouts. This is done through phone calls, letters and parents meet in the college to discuss the problems.
- GFM sessions are conducting to motivate, guide the students to get good result academic and personal.
- Remedial classes are conducted for the slow learners.
- Conducts tests for failed students.
- Supply study plan to the students gets more beneficial.
- Extra lecture is taken for the critical subjects or numerical based subjects.
- Alumni students also motivate to newly admitted students by counseling them in department level student association program.
- Expert lecture for critical subjects by which are excellent for a particular subject.

File Description	Document
Link for Additional Information	<a href="#">View Document</a>

### 2.2.2 Student - Full time teacher ratio

**Response:** 8.45

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 2.2.3 Percentage of differently abled students (Divyangjan) on rolls

**Response:** 0.11

#### 2.2.3.1 Number of differently abled students on rolls

**Response:** 1

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Any other document submitted by the Institution to a Government agency giving this information	<a href="#">View Document</a>
List of students(differently abled)	<a href="#">View Document</a>

## 2.3 Teaching- Learning Process

### 2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

#### Response:

#### Key Indicator - 2.3 Teaching - Learning Process (50)

### 2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences (20) (QIM)

#### Experiential Learning

- Institute/department arranges industrial visits and technical site visits to the students to understand industry culture with hands-on sessions for new technology and to get real time experience learning in their respective course.
- Institute/department organizes workshop and seminar by industry experts for students to know about a current or recent trend or technologies in the market.
- Faculty motivates students to participate in value added courses, projects, and internship.
- Institute provides opportunity to work project real time under leadership of MOUs organizations.
- Each department faculty is suggesting to complete mini project work on hard ware based which related to their interested field.

#### Participative Learning

- Faculty encourages and helps students to select industrial based projects.
- Encourage the students to participate at university level research festivals and technical events in other colleges every year.
- Institute organizes workshops, project exhibition, poster presentation, and paper presentation activity.
- In activity based learning students are encouraged to participate in Project competitions, design contests and various technical festivals.
- Inter-collegiate events.

#### Problem Solving Methodologies

- Institute has developed self-learning lab for students to cover up the portion missed by them due to their sick leave or technical event.

- Each department plans and organizes remedial lectures for DSE students. Even subject/lab coordinators plan extra practical sessions on every Saturday / after college hours.
- A good initiative taken by the institute is that faculty members visit Library after college hours to address the students technical problems that are encountered during their self-study at the library.
- Guardian faculty member (GFM) scheme to help solve problem in academic as well as other problem.
- The institution nurture critical thinking, creativity and scientific temper among the

students to transform them into life-long learners and innovators in the following manner:

- Institute has signed MoUs with enterprises for exposing the students to problems of real clients.
- Students get opportunity to work on sponsored projects.
- MoUs have been signed with eminent research organizations. Lectures and interaction sessions are arranged from the from time to time.

File Description	Document
Link for Additional Information	<a href="#">View Document</a>

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

**Response:** 100

#### 2.3.2.1 Number of teachers using ICT

Response: 104

File Description	Document
List of teachers (using ICT for teaching)	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Provide link for webpage describing the " LMS/ Academic management system"	<a href="#">View Document</a>

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

**Response:** 10.46

#### 2.3.3.1 Number of mentors

Response: 84

File Description	Document
Year wise list of number of students, full time teachers and students to mentor ratio	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 2.3.4 Innovation and creativity in teaching-learning

#### Response:

#### 2.3.4: Innovation and creativity in teaching-learning (10) (QIM)

#### Innovation& Creativity

- The institute organizes various events like Paper presentation, Project Exhibitions, Poster presentations, Workshops, and Competitions to enhance the thinking, creativity and scientific attitude among the students.
- Various Workshops/Seminars/Guest Lectures are getting conducted for enhancing students overall knowledge. Lecture notes /assignments / Board papers / power point presentations etc. is shared with students using FTP.
- Each subject teacher has a questionnaire consisting of questions on his/her subject. These questions are mainly related to the fundamentals of the subject, framed in such a way that the students are forced to think and find out the answer.
- Students are encouraged to get involved in industry sponsored projects.
- Students are motivated and supported to work on creative mini projects.
- Faculty uses computer simulation during the theory and practical classes.
- Institute rewards students for their outstanding performance in academics, research and other relevant fields.
- Institute uses learning resources through VSAT (Very Small Aperture Terminal).

File Description	Document
Any additional information	<a href="#">View Document</a>

## 2.4 Teacher Profile and Quality

### 2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

**Response:** 76.42

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	<a href="#">View Document</a>

#### 2.4.2 Average percentage of full time teachers with Ph.D. during the last five years

**Response:** 3.2

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

2016-17	2015-16	2014-15	2013-14	2012-13
4	2	3	1	1

File Description	Document
Any additional information	<a href="#">View Document</a>
List of number of full time teachers with PhD and number of full time teachers for 5 years	<a href="#">View Document</a>

#### 2.4.3 Teaching experience of full time teachers in number of years

**Response:** 4.95

File Description	Document
List of Teachers including their PAN, designation,dept and experience details	<a href="#">View Document</a>

#### 2.4.4 Average percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the last five years

**Response:** 0.24

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

2016-17	2015-16	2014-15	2013-14	2012-13
01	00	00	00	00

File Description	Document
e-copies of award letters (scanned or soft copy)	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

#### 2.4.5 Average percentage of full time teachers from other States against sanctioned posts during the last five years

**Response:** 8.26

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

2016-17	2015-16	2014-15	2013-14	2012-13
9	9	7	5	5

File Description	Document
List of full time teachers from other state and state from which qualifying degree was obtained	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## 2.5 Evaluation Process and Reforms

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

**Response:**

#### Key Indicator - 2.5 Evaluation Process and Reforms (50)

##### 2.5.1: Reforms in Continuous Internal Evaluation (CIE) system at the institutional level.(15) (QIM)

Students, Faculties and Parents who are the stakeholders of the college are informed regarding the continuous internal evaluation process through the following means:-

#### To Students

The college has standard academic calendar displayed on the main notice board, departmental notice board, hostels and college website at the beginning of semester for smooth working. Academic calendar includes curricular and co-curricular activities such as schedule of tests, preliminary exams (for F.E and S.E.), mid semester exams and end semester exams (for T.E. and B.E.), parent- teacher meet etc. University academic calendar is also available on website of Solapur university, Solapur and Dr.BATU, Lonere.



Information regarding revaluation and rechecking is also provided to the students. Retest and remedial classes are arranged for academically weaker and failed students for the improvement of their performance.

The college organizes industrial visit, Guest lectures, online notes to students, provision of E-books, Student feedback to remove discrepancy of the point.

**To Parents**

- Parents-Teachers meet is arranged by the College.
- Results and Attendance of students are informed to the parents by parent’s communication letter through the post.

**Reforms in Continuous Internal Evaluation (CIE) system**

The major evaluation reforms of the university that the college has adopted are as follows:

- Assignments and tutorials on each unit prescribed in the university syllabus and college.
- As per evaluation plan conducts ISE and unit test and results will declare within 5 days from last date of examination.
- Supplementary assignments/ re-test for failure students.
- Mock oral is conducts during end of the semester.

For final year students project completion scheduled is planned and make it continuous assess to complete within prescribed schedule and also mini project for T.E. students.

File Description	Document
Link for Additional Information	<a href="#">View Document</a>

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

**Response:**

**Criterion II Teaching-Learning and Evaluation (350)**

**Key Indicator - 2.5 Evaluation Process and Reforms (50)**

**2.5.2 Mechanism of internal assessment is transparent and robust in terms of frequency and variety (15) (QIM)**

As an affiliated college, our Principal, HOD’s and senior faculty members attends/ participates in all the meetings conducted by the university as a member. The evaluation reforms are adopted and followed by the institute as per university norms. The major evaluation reforms of the university that the institution has adopted are as given below:

**Term work marks:** Marks are allotted as per the A(5marks)+B(5 marks)+ C(5 marks) + D(5 marks) + E (5 marks) points formula.

- The student's attendance is considered for first 5 marks of criteria A. The marks are allotted as per % theory attendance.
- The student's attendance is considered for second 5 marks of criteria B. The marks are allotted as per % practical attendance.
- Two Unit tests of 20 marks are conducted in every semester to evaluate the performance of the students. The best marks scored for criteria C.
- Student has to check duly for the practical/tutorial in session of respective subject. The internal marks for criteria D are given on such regular assessment
- The 5 marks for criteria E are given on the basis of overall behavior of the student.

Here the total marks of given 8 to 9 experiments or assignments or tutorials are calculated out of which each has assigned for 10 marks. During the assessment of assignments there are some questioners are followed related to that topic. By observing the student's ability he will award the out of 10 marks of that assignment in his notebook in front of students. Total is converted into out of 25 marks which are considered as a term work for that student.

For Internal Viva-Vice examination is held before the University exam. The Notice is displayed to the Department notice board. Batch wise practical experiment is allocated individually. By observing Performed experiments and MCQ's questioners he will award the marks out of 10 in the Manual in front of the students. The Unit Test is conducted by 20 marks. In those 4 marks MCQ's and 16 marks Descriptive questions are provided to the students. By assessing Unit Test papers student will awarded out of 20 marks. 10 Marks are awarded by oral.

ABCDE –Formula

A).Journal Or Practical :- ( 5 Marks)

This includes continuous assessment of Experiments on regular basis.For the practical without experiments, practical assignments be checked on regular basis.

B).Assignments:- ( 5 Marks)

This includes continuous assessment of assignment on regular basis.

C). Unit test performance:- (5 Marks)

e.g.:- Best of UT-I and UT- II (marks: 20+10=30)

Total marks assigned based on range of marks secured in unit testis as follows

20 to 30=5 marks; 16 to 19=4 marks; 12 to 16=3 marks; 8 to 12 =2 marks; 1 to 8 =1 marks

D) Theory attendance:- (5 Marks)

Teacher should check following points answerable to head of the department before assigning out of 5

marks. If attendance is (range)

75% and above =5 marks, 66% to74%=4 marks, 56% to 65%=3 marks, 50% to55%= 2 marks, Less than 50% =1 mark.

E).Practical attendance:- ( 5 Marks)

Teacher should check following points answerable to HOD before assigning out of 5 marks, If attendance is (range)

75%and above =5 marks, 66% to74%=4 marks, 56% to 65%=3 marks, 50% to55%= 2 marks, Less than 50%=1 mark.

Note:-

1. Subject does not have practical they multiply theory attendance marks by 2.
2. Subjects do not have assignment they multiply practical marks by 2.
3. Subject does not have practical they multiply assignment marks by 2.
4. Subject has term work 50 marks they multiply each factor by 2.
5. Subject does not have theory paper 5 marks for practical performance

File Description	Document
Any additional information	<a href="#">View Document</a>

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

**Response:**

**Criterion II Teaching-Learning and Evaluation (350)**

**Key Indicator - 2.5 Evaluation Process and Reforms (50)**

**2.5.3 Mechanism to deal with examination related grievances is transparent, time-bound and efficient. (10) (QIM)**

The students are the main stakeholders in any institution imparting education, and it's our endeavor to make all efforts to ensure transparency in all the activities at different stages. Taking this spirit in consideration the university has decided to provide mechanism to students for redressed of their grievances as under:

**At Institute Level**

For internal evaluation, each department has test coordinator for smooth conduction of internal tests. The results of evaluation are declared within one week. The students can see their respective answer books and discuss their queries with concerned faculty members. The model answers are also discussed during lecture sessions. Thus, the concerned course faculty clarifies the doubts of the students regarding the internal tests and ISE test are arranged on dates having after covering suitable syllabus.

**At University Level**

For University examination, University has appointed senior supervisor (internal & external) to discuss the grievances, seek advice and take necessary action. For problems related to mistakes in examination forms, conduction of in-semester examinations, the institute solves the issues through proper channel and helps the students regarding the same.

In case of issues related to revaluation, rechecking, and photocopying of the answer sheet, institute helps students to resolve the problem as per University guidelines and following proper channel with time period. If student get less marks in university examination in any paper at that time student can take objection on that paper for revaluation or recounting marks and result will declared within two week. As per order by the university squad visits randomly during university examination taken by university committee for smooth conduction of examination. If question outside the syllabus of any paper then student can take objection regarding that question to supervisor, and the supervisor will informed to exam co-coordinator and exam co-coordinator will asked to university exam controller and problem is solved within three hours only. Solapur University has started new BARCODE system from this academic year and it is very transparent during paper assessment and moderation time. It can be minimize errors in marks at the time evaluation and counting via online system. University give practical oral examination / oral examination time table and external subject expert appointed for respective subject, and accordingly POE/OE exam are smoothly conducted by respective department. After completion of practical oral examination, external examiner give marks based on the performance and marks sheet package send to the university via If the student is not satisfied with the redressal offered by the Institute level authority and feel that his/her grievance is not redressed, he/she can submit an appeal to the University level committee within a week from the date of receipt of decision with the relevant details. Department level faculty members taken care against examination related problems. Whenever complaints are received, inspections are conducted to verify the truth and based on the gravity of the situation.

File Description	Document
Link for Additional Information	<a href="#">View Document</a>

**2.5.4 The institution adheres to the academic calendar for the conduct of CIE****Response:****Criterion II Teaching-Learning and Evaluation (350)****Key Indicator - 2.5 Evaluation Process and Reforms (50)**

#### 2.5.4 The institution adheres to the academic calendar for the conduct of CIE (10) (QIM)

**Academic Calendar:** The Academic Calendar is prepared well in advance for the entire academic year and is provided to all faculty members, displayed on departmental notice boards & also uploaded on the college website. The Academic Calendar consists of various academic events such as dates for commencement of classes for odd and even semesters, dates for commencement of internal tests, holidays, last working day for Diploma & UG programs, commencement of end semester practical and theory examinations, total number of working days, etc.

**Course Allotment:** Courses are allotted at the department level by the Head of the Department well before the commencement of classes for each semester. It is done on the basis of expertise and interest of the faculty members.

**Time Table:** The timetable is planned before the commencement of classes for each semester. There is a time table coordinator for each department who ensures that the departmental timetable is prepared as per the curriculum structure and is received by all the concerned course instructors. The master time table coordinator, appointed to look after the timetable for the entire institute, ensures whether the schedule for academic activities is without any inconsistencies / clashes.

**Teaching Plan:** For every course the faculty members prepare a Lecture Plan consisting of Course Objectives, Course Outcomes, Number of hours required to complete each topic, unit, schedule of assignments, quizzes etc. Similar planning exists for the laboratory sessions, tutorials, mini projects and projects.

**Evaluation Plan:** Every semester, for every course two internal examinations (UT1 and UT2) are conducted. At the end of the semester End semester examination is conducted. Academic calendar includes schedule of UT1, UT2 and End semester examinations. However, faculty members plan schedule as well as mode of UT1 & UT2. Rules and Regulations pertaining to evaluation of students under various courses are informed to them at the beginning of each semester.

**Industrial Visits:** Every semester student technical visits are arranged by the department and coordinated & guided by the respective course faculty. This beyond syllabus activity familiarizes the students with current practices & methodologies in industries.

Arrangement of industrial visits to the renowned organizations regularly to introduce students to the practical application of fundamental theoretical concepts they have studied in the classrooms. Moreover, industrial visits help them get acquainted with the nitty-gritty of the professional world and gain hands on practical knowledge of the various relevant technologies existing in such industries. Hence, our students are able to strengthen their fundamental understanding of the theoretical subjects and relate their theoretical knowledge to the professional practices adopted by various industries. Regular visits to organizations ensure our students are easily able to adapt to the changing work scenarios of the professional world and they are able to perform well in the challenging situations.

**Guest Lectures:** In order to offer our students latest insights into the emerging technologies and advancements, our various faculties arrange for renowned experts to come and visit the university to deliver expert talks to our students. On various topics guest lectures are arranged for students. Experts from industry and academics are invited for such sessions. Alumnae are also invited to share their experiences. Students get the opportunity to interact with domain experts during such lectures. These expert talks help

our students gain strong foothold in their respective discipline and help them stand out among the rest.

**Term Work Submission:** According to scheduled date of submission in academic calendar, it is completed. It is completed in two parts (Mid Term & Final Submission) to ensure proper formatting & proper output. The Term Work marks are entered by faculty into the software available. This is completed before the assigned date by the University & MSBTE. A printout of the same shall be taken by the faculty member. After due verification, the faculty member signed on the TW / Oral / Practical sheets.

**Extra Classes:** Slow learners or the students who are at the risk at the failures are identified by continuous evaluation process. Extra sessions are conducted for such students. Individually students are mentored for performance enhancement. The students who are directly admitted through central admission procedure to the second year join the institute late. They are at the risk of the failure as they miss some of the course and laboratory sessions. These students are helped with extra sessions.

**Parent Meet:** Every year college organizes parent meet. This is a very good opportunity for the director and department heads, deans and management members to interact with the parent in person. Parent meet is arranged on the date mentioned in academic calendar. Parents support and contribute in all the college activities whole heartedly. Their feedbacks, suggestions and views help institute to improve curricular and co-curricular activities.

File Description	Document
Link for Additional Information	<a href="#">View Document</a>

## 2.6 Student Performance and Learning Outcomes

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

**Response:**

**Program Outcomes, Program Specific Outcomes & Course Outcomes for All Programs Offered By Institution**

The program outcomes, program specific outcomes and course outcomes of all the graduation courses and post-graduation courses offered by Fabtech Technial Campus are listed in attached files. These are listed branch wise as well as subject wise. Course outcomes are listed in tabular form for better understanding. The students as well as teachers are requested to refer following places for getting program outcomes, program specific outcomes and course outcomes:

- Displayed on department notice board
- At HOD cabin
- Course file of teachers
- Displayed on laboratory notice board
- Syllabus file
- Mailed to students as well as teachers.

- These PEO, PO & CO's are also introduced in parents meeting as well as in welcome function of fresher students.

File Description	Document
Any additional information	<a href="#">View Document</a>
COs for all courses (exemplars from Glossary)	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

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

#### Response:

#### 2.6.2 Attainment of program outcomes, program specific outcomes and course outcomes are evaluated by the institution (10) (QIM)

The institution and an individual faculty member do use assessment/ evaluation outcome as an indicator for evaluating student performance and achievement of learning objectives. It is used in planning necessary corrective measures in case of deviation from the expected outcome. Some of the details of process being followed by the institute/ department/ Faculty. Marks in tutorials, performance in unit test and attendance percentage. Term work marks are calculated based on these assessments. General classroom behavior of the students is also kept in mind when evaluation of a student is undertaken. Online mock exam results help in knowing the performance and efforts can be taken by faculty to improve performance of student undertaken. Considering the performance of students, teachers can modify the teaching learning process for the overall development of students and to achieve the Programme Outcomes. The process of attainment of COs, POs and PSOs starts from writing appropriate COs for each course of the program from first year to fourth year in a four-year engineering degree program. The course outcomes are written by the respective faculty member and a correlation is established between COs and POs in the scale of 1 to 3, 1 being the slight (low), 2 being moderate (medium) and 3 being substantial (high). A mapping matrix is prepared in this regard for every course in the program including the elective subjects. The course outcomes written and their mapping with POs are reviewed frequently by a committee of senior faculty members and HOD before they are finalized.

File Description	Document
Link for Additional Information	<a href="#">View Document</a>

### 2.6.3 Average pass percentage of Students

**Response:** 95.93

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

Response: 730	
2.6.3.2 Total number of final year students who appeared for the examination	
Response: 761	
<b>File Description</b>	<b>Document</b>
Institutional data in prescribed format	<a href="#">View Document</a>

## 2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process	
Response:	
<b>File Description</b>	<b>Document</b>
Database of all currently enrolled students	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>



## Criterion 3 - Research, Innovations and Extension

### 3.1 Resource Mobilization for Research

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

**Response: 1**

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

2016-17	2015-16	2014-15	2013-14	2012-13
0	1	0	0	0

File Description	Document
e-copies of the grant award letters for research projects sponsored by non-government	<a href="#">View Document</a>
List of project and grant details	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**3.1.2 Percentage of teachers recognised as research guides at present**

**Response: 7.69**

3.1.2.1 Number of teachers recognised as research guides

Response: 8

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**3.1.3 Average number of research projects per teacher funded by government and non government agencies during the last five years**

**Response: 0**

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

File Description	Document
Supporting document from Funding Agency	<a href="#">View Document</a>
List of research projects and funding details	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## 3.2 Innovation Ecosystem

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

#### Response:

#### FTC Innovation and Incubation Center (FIIC)

At Fabtech Technical Campus (FTC), Sagola

To nurture the spirit of entrepreneurship among some talented and ambitious students, the concept of Incubation Center at academic Institute has gained ground.

*To prosper technology project and to facilitate practical application of knowledge for public use.*

#### Introduction

The center would act as a practical platform to foster learning, research and innovation in varied areas of technology and management. The concepts will take a practical shape under the constraints of time and economy. Though the result would be immaterial but the efforts put behind the project are very important and would always be appreciated.

#### Objectives of FIIC:

1. Promote interaction with, and resourcing Technology/Expertise from the faculty members and students in the Institute.
2. Incubate novel technology and business ideas into viable commercial products or services.
3. Organizing competitions to promote technological creativity and innovation among students.

To make the center more effective there are three committees namely

1. **Advisory committee**
2. **Organization committee**
3. **Working committee**

#### Policies and Procedures

The following process is to define the policies and procedures for the operational matters related to the *FTC* Innovation and Incubation Center, FTC-Sangola

- Eligibility
- Member of FIIC
- Infrastructure and Services provided to incubates
- Period of Incubation
- Intellectual Property evaluation
- Seed funding
- Periodic assessment
- Consideration
- Conflicts of interest
- Disclaimer
- 
- **Infrastructure and Services of FIIC:**
- Upon admission to FIIC, the following facilities will be offered.
- **Common infrastructure:** FIIC provides a common pool of hard and soft infrastructure to be shared by all.
- Following resources will be provided:
  - Fax machine
  - Photocopying machine
  - Document Scanner
  - Library:
  - Meeting/Conference room with projection equipment
  - Teleconferencing facilities

**Institute infrastructure:** FIIC will facilitate access to institute infrastructure as per norms of FTC

FIIC will also provide soft infrastructure and business services to the incubatee companies. Possible services and support items are listed as follows:

- Training in business management: structured short courses
- Training in business communication: written as well as verbal
- Accounting tools/ software
- Common secretarial pool/staff
- Networking events/ showcases

**Mentoring and Advisory Services**

- Strategic Checkups: The FIIC will observe the progress of working committee for strategy reviews and discussion of operational issues.
- A faculty advisor is also associated with the incubatee as a mentor on technological issues.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

**3.2.2 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the last five years****Response:** 19

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

2016-17	2015-16	2014-15	2013-14	2012-13
6	7	3	1	2

File Description	Document
List of workshops/seminars during the last 5 years	<a href="#">View Document</a>
Report of the event	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**3.3 Research Publications and Awards****3.3.1 The institution has a stated Code of Ethics to check malpractices and plagiarism in Research****Response:** Yes

File Description	Document
Any additional information	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

**3.3.2 The institution provides incentives to teachers who receive state, national and international recognition/awards****Response:** Yes

File Description	Document
List of Awardees and Award details	<a href="#">View Document</a>
e- copies of the letters of awards	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**3.3.3 Number of Ph.D.s awarded per teacher during the last five years**

**Response: 0**

3.3.3.1 How many Ph.Ds awarded within last five years

**File Description**

List of PhD scholars and their details like name of the guide , title of thesis, year of award etc

**Document**[View Document](#)**3.3.4 Number of research papers per teacher in the Journals notified on UGC website during the last five years****Response: 0.04**

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

2016-17	2015-16	2014-15	2013-14	2012-13
2	3	5	3	0

**File Description**

List of research papers by title, author, department, name and year of publication

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

Any additional information

[View Document](#)**3.3.5 Number of books and chapters in edited volumes/books published and papers in national/international conference proceedings per teacher during the last five years****Response: 0.03**

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

2016-17	2015-16	2014-15	2013-14	2012-13
2	3	2	1	2

**File Description**

Any additional information

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

List books and chapters in edited volumes / books published

[View Document](#)

### 3.4 Extension Activities

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

##### Response:

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

The College Management motivates the students' social participation and also drives to achieve its goal of providing higher technical education, to create an equitable society with ethical values. Institute believes and promotes students for ethical and moral activities trying to add social values to the society, developing a student as a responsible citizen of India. Institute always aims to pursue excellence by creating students with a high degree of intellectual, professional and cultural development to meet the national and global challenges.

##### Following activities are conducted in 2016-2017

- Road safety camp 05/01/2016
- International Women's Day 08/03/2016
- Farewell of final year students 06/04/2016
- Yoga Day Celebration 21/06/2016
- Palkhi food distribution on occasion of Fabtech foundation day 14/07/2016
- Celebration of Independence Day 15/08/2016
- Gender Equality Program with Palavi Foundation 26/08/2016
- Teacher's day Celebration 06/09/2016
- Welcome function of second year students 10/09/2016
- Engineer's day Celebration 16/09/2016
- Food distribution in agnipankh mental disord school on occasion of Ganpati festival 17/09/2016
- Tree Plantation Program 18/09/2016
- Dasara Celebration by CSE Dept 10/10/2016
- Dr. APJ Abdul Kalam Jayanti 15/10/2016
- AIDS Awareness program on occasion of AIDS Day 01/12/2016
- Celebration of Republic Day 26/01/2017
- Blood donation 10/03/2017
- State Voters day 05/07/2017
- Fabtech foundation day 29/08/2017
- Tree Plantation 18/09/2017
- Gandhi Jayanti celebration and Swacch Bharat Abhiyan 02/10/2017

##### Following activities are conducted in 2015-2016

- Blood Donation 14/01/2015
- Swachh Bharat Abhiyan 02/10/2015
- Dr. Babasaheb Ambedkar Jayanti 14/04/2015
- Palkhi food distribution on occasion of Fabtech foundation day 26/07/2015

- Celebration of Independence Day 15/08/2015
- Program on Gender Issue with Palavi foundation 26/08/2015
- Tree Plantation 18/09/2015
- Teacher's day 05/09/2015
- Ganpati Festival Celebration 27/09/2015
- Gandhi Jayanti celebration 02/10/2015
- Yuva Rally on Youth Festival 05/10/2015
- Aids Awareness Program on AIDS Day 01/12/2015
- Yoga Day Celebration 19/12/2015
- Celebration of Republic Day 26/01/2016
- Republic Day Celebration 26/01/2016
- Shiv Jayanti Celebration 19/02/2016
- Grandh Exhibition 14/04/2016
- Marathi Bhasha Din 28/02/2016
- Engineer's day Celebration 15/09/2016
- Dr.APJ Abdul Kalam Jayanti Celebration 15/10/2016

**Following activities are conducted in 2014-2015**

- Self Defence Program on Occasion of Womens day 08/03/2014
- Palkhi food distribution on occasion of Fabtech foundation day 07/07/2014
- Celebration of Independence Day -15/08/2014
- Engineer's day Celebration 15/09/2014
- Teacher's day Celebration 05/09/2014
- Gandhi Jayanti celebration 02/10/2014
- Swachh Bharat 02/10/2014
- Blood donation-14/01/2015
- Shiv Jayanti Celebration 19/02/2015
- Book Exhibition Program 22 & 23/01/2015
- Celebration of Republic Day 26/01/2015
- Dr. Babasaheb Ambedkar Jayanti 14/04/2015

**Following activities are conducted in 2013-2014**

- Palkhi food distribution 18/07/2013
- Gurupornima Celebration 22/07/2013
- Celebration of Independence Day 15/08/2013
- Teacher's day 04/09/2013
- Engineer's day 14/09/2013
- Gandhi Jayanti celebration and Swachh Bharat 02/10/2013
- Shiv Jayanti Celebration 19/11/2013
- Celebration of Republic Day 26/01/2014
- Self Defence Program on Occasion of Women's Day 08/03/2014
- Tree plantation 22/03/2014
- Mahatma Phule Jayanti 11/04/2014
- Dr. Babasaheb Ambedkar Jayanti 14/04/2014

**Following activities are conducted in 2012-2013**

- Teacher's day Celebration 05/09/2012
- Engineer's day 14/09/2012
- Gandhi Jayanti celebration 02/10/2012
- Celebration of Independence Day 15/08/2012
- Celebration of Republic Day 26/01/2013

Impact of such activity on student is always positive. The social values are developed in student.

- Self-awareness
- Empathy
- Social awareness
- Improved confidence
- Improved communication skill
- Responsibility towards society
- Environment awareness

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

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

**Response: 21**

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

2016-17	2015-16	2014-15	2013-14	2012-13
8	6	4	3	0



File Description	Document
Number of awards for extension activities in last 5 years	<a href="#">View Document</a>
e-copy of the award letters	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 3.4.3 Number of extension and outreach programs conducted in collaboration with industry, community and Non-Government Organisations through NSS/NCC/Red cross/YRC etc., during the last five years

**Response:** 22

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

2016-17	2015-16	2014-15	2013-14	2012-13
7	5	5	4	1

File Description	Document
Number of extension and outreach programs conducted with industry, community etc for the last five years	<a href="#">View Document</a>
Reports of the event organized	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

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

**Response:** 0.43

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

2016-17	2015-16	2014-15	2013-14	2012-13
7	6	4	3	0

File Description	Document
Average percentage of students participating in extension activities with Govt. or NGO etc.	<a href="#">View Document</a>
Report of the event	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 3.5 Collaboration

<p><b>3.5.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc during the last five years</b></p> <p><b>Response: 145</b></p>														
<p>3.5.1.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc year-wise during the last five years</p> <table border="1"> <thead> <tr> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> <th>2012-13</th> </tr> </thead> <tbody> <tr> <td>59</td> <td>44</td> <td>30</td> <td>12</td> <td>0</td> </tr> </tbody> </table>					2016-17	2015-16	2014-15	2013-14	2012-13	59	44	30	12	0
2016-17	2015-16	2014-15	2013-14	2012-13										
59	44	30	12	0										
<table border="1"> <thead> <tr> <th>File Description</th> <th>Document</th> </tr> </thead> <tbody> <tr> <td>Number of Collaborative activities for research, faculty etc.</td> <td><a href="#">View Document</a></td> </tr> <tr> <td>Any additional information</td> <td><a href="#">View Document</a></td> </tr> </tbody> </table>					File Description	Document	Number of Collaborative activities for research, faculty etc.	<a href="#">View Document</a>	Any additional information	<a href="#">View Document</a>				
File Description	Document													
Number of Collaborative activities for research, faculty etc.	<a href="#">View Document</a>													
Any additional information	<a href="#">View Document</a>													
<p><b>3.5.2 Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. during the last five years (only functional MoUs with ongoing activities to be considered)</b></p> <p><b>Response: 10</b></p>														
<p>3.5.2.1 Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the last five years</p> <table border="1"> <thead> <tr> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> <th>2012-13</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>0</td> <td>5</td> <td>0</td> <td>0</td> </tr> </tbody> </table>					2016-17	2015-16	2014-15	2013-14	2012-13	5	0	5	0	0
2016-17	2015-16	2014-15	2013-14	2012-13										
5	0	5	0	0										

<b>File Description</b>	<b>Document</b>
Details of functional MoUs with institutions of national, international importance, other universities etc. during the last five years	<a href="#">View Document</a>
e-copies of the MoUs with institution/ industry/ corporate house	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

NAAC

## Criterion 4 - Infrastructure and Learning Resources

### 4.1 Physical Facilities

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

**Response:**

The Institute has good aesthetically constructed infrastructure for its academic, administrative, health services. The Institution has an approach to maintain a policy for everychanging need of the learners. The Institute focused on developing good and modern infrastructure like classrooms, laboratories, library with reading rooms, ATM, internet facility, parking facility, canteen, and hostel with mess for boys and girls separately in the campus. The Institute strives to create or enhance the infrastructure in view of a healthy, comfortable and technology based environment required for effective teaching and learning. A standard process is set when institute needs creation and enhancement to the infrastructure that facilitate effective teaching learning.

The policies of the Institution for creation and enhancement of infrastructure are as follows:

- Grouping of various spaces as per their functions.
- Design the classrooms for effective and optimum study conditions with due consideration of proper ventilation, good lighting and acoustics.
- Apart from only well-equipped laboratories, to make the laboratory space with appropriate size of doors and windows for moving equipment's and proper light & ventilation respectively. Also provide electricity and plumbing to meet specific needs of the practical work to be conducted.
- Maintain circulation space for the needs of ever increasing number of students.
- The faculties have comfortable cabin space with computer facility for their academic needs.
- The landscape and aesthetically constructed building for maintaining good working environment.
- Provide more green space for open learning for the students.
- Local Managing Committee helps in the process of monitoring academic performance, preparation of budget, etc.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

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

**Response:**

The Institute encourages and provides a facility for student's to participate in various extra-curricular activities in order to build team spirit and leadership qualities. A team of faculty members and students, look after all cultural, sports and extra-curricular activities of the college.

### **Outdoor games facilities:**

For Outdoor games, volleyball there are 2 nets and 8 balls, 200 sq. Meter ground including spectacular gallery is available, on an average 24 students regularly playing the game after college hours.

For Cricket we have concrete peach, half mat, 8 bats, about 200 students playing cricket per month.

For kho-kho the good quality ground of 540sq.mtr is made available with poles at the end every month approximately 100 students utilising it.

For kabbadi we have 200 sq. meter playground and more than 100 students monthly utilising it.

### **Indoor games facilities:**

For Table Tennis (TT), we have provided 1 table and all necessary material (bat, ball, etc.) the utilisation rate is about 10 per month.

Again for indoor game like chess and carom 8 and 4 boards with necessary material is available, user rate is about 50 for chess and 100 for carom per month.

### **Gymnasium:**

Well-equipped gym is available in campus having area of 120 sq. Meter; about 200 users per month are using it.

### **Cultural Activities:**

**FABTECH** College of Engineering also provided an open Am phi theatre having capacity of 1850 people with admeasuring approximately 1600 sq. metre. And indoor mini theatre having capacity of more than 850, area 750 sq. Meter.

It is used for conducting cultural events/social activities and co-curricular activities.

The College has a committee for cultural activities. This committee (along with the staff and students) of the college organizes an annual cultural function by the name, NAKSHATRA.

The aim of NAKSHATRA is to provide a platform for students to showcase their talents and organizational skills. It comprises of events in the form of competitions, stage performances such as solo dance, group dance, singing, drama play, etc.

To broaden the horizons of the students, they are encouraged to participate in several university level competitions.

**Yoga:**

Yoga day is also organized every year and teacher and students participate voluntarily.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

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

**Response:** 46.15

**4.1.3.1 Number of classrooms and seminar halls with ICT facilities**

**Response:** 12

File Description	Document
Number of classrooms and seminar halls with ICT enabled facilities	<a href="#">View Document</a>
Link for additional information which is optional	<a href="#">View Document</a>

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

**Response:** 59.31

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

2016-17	2015-16	2014-15	2013-14	2012-13
46.6000	11.22	124.4850	46.15	43.95

File Description	Document
Any additional information	<a href="#">View Document</a>
Details of budget allocation, excluding salary during the last five years	<a href="#">View Document</a>
Audited utilization statements	<a href="#">View Document</a>

## 4.2 Library as a Learning Resource

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

**Response:**

We are using ILMS software named as

- **V-Lib**
- Nature of automation ( partially)

It consists of Acquisition, Cataloging, Circulation, Serials control of books.

- **Version: Advanced 18 module**

We are using ILMS software named as

- **AutoLib**
- Nature of automation (fully )
- It consists of Acquisition, Cataloging, Circulation, Serials control of books. Barcode based circulation of books is practiced.
- **Version: - NG**

File Description	Document
Any additional information	<a href="#">View Document</a>

#### 4.2.2 Collection of rare books, manuscripts, special reports or any other knowledge resources for library enrichment

##### Response:

Collection Of Rare Books Name Of The Book Name Of The Publisher Name Of The Author

Number Of Copies Year Of Publishing Machine Design M.K.S Units Volume II, 7th Edition Acharya Book Depot Baroda by R.C.Patel A.D. Pandya, 1971. Industrial Engineering And Management Dhanpat Rai And Sons by Dr.O.P.Khanna 1993. Engineering Mechanics Statics, Si Edition Addition by R.C.Hibbler Si Conversion By S.C.Fan 2000.

Collection Of Special Reports Name Topic Name Mr.Shakil Dilvar Jamadar A Novel Logic To Detect Stator Single-Phase-To Ground Fault For The Powerformer Mr. Rajdeep Kunal Ganpati Coupled Field Analysis Of Piezoelectric Cantilever Beam For Energy Harvesting Application Using Finite Element Method.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

#### 4.2.3 Does the institution have the following:

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

- A. Any 4 of the above
- B. Any 3 of the above
- C. Any 2 of the above
- D. Any 1 of the above

**Response:** B. Any 3 of the above



File Description	Document
Any additional information	<a href="#">View Document</a>
Details of subscriptions like e-journals,e-ShodhSindhu,Shodhganga Membership etc.	<a href="#">View Document</a>

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

**Response:** 11.93

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

2016-17	2015-16	2014-15	2013-14	2012-13
00	5.48000	20.59000	19.65000	13.92893

File Description	Document
Details of annual expenditure for purchase of books and journals during the last five years	<a href="#">View Document</a>
Audited statements of accounts	<a href="#">View Document</a>

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

**Response:** Yes

File Description	Document
Details of remote access to e-resources of the library	<a href="#">View Document</a>

#### 4.2.6 Percentage per day usage of library by teachers and students

**Response:** 5.8

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

Response: 57

File Description	Document
Any additional information	<a href="#">View Document</a>
Details of library usage by teachers and students	<a href="#">View Document</a>

### 4.3 IT Infrastructure

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

**Response:**

Yes Institute frequently updates the IT Facility with Wi-Fi. College leased line is 32MBPS. Internet Facility: - Initially college has 2MBPS Leased line. Then as per requirement the speed is increased up to 4MBPS in year 2013-14. Then the band width is updated to 8MBPS in year 2014-15. Currently college has 32MBPS (2017-18) Lease line 1:1. Institute also planning for double bandwidth capacity up to 50MBPS. All the computers are connected by LAN to the internet through 32 Mbps lease line with Wi-Fi facility. It's utilizing it for students in college campus, boy's hostels, & girl's hostels. The institute also provides Wi-Fi facilities in order to be connected wirelessly. Each laboratory is provided with 1 printer. Internet lines are available in all the academic venues and seminar rooms. Moreover all the seminar rooms can also be digitally connected in the broadcasting mode. Dedicated team of 3 members maintains the entire IT infrastructure. Institute has the policy to replace old PCs with the new one on regular basis so that student and staff can work with latest machine. Software for perpetual license are updated on regular basis by company and paper license software are updated as and when vendor approaches with the new edition and the requirement is felt by the department. Since the IT field is continuously evolving through the committed IT team is continuously upgrading the facilities through market research so that the best of the facility should be provided to the students to make the learning effective and relevant. Machines comprise of server, desktops, workstations, laptops etc.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

#### 4.3.2 Student - Computer ratio

**Response:** 1.44

File Description	Document
Student - Computer ratio	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

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

<5 MBPS

5-20 MBPS

20-35 MBPS

**35-50 MBPS****Response:** 20-35 MBPS

File Description	Document
Any additional information	<a href="#">View Document</a>
Details of available bandwidth of internet connection in the Institution	<a href="#">View Document</a>

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

File Description	Document
Facilities for e-content development such as Media Centre, Recording facility,LCS	<a href="#">View Document</a>
Link to photographs	<a href="#">View Document</a>

**4.4 Maintenance of Campus Infrastructure****4.4.1 Average Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years****Response:** 93.77

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

2016-17	2015-16	2014-15	2013-14	2012-13
160.53823	147.62888	153.21564	48.64064	42.69445

File Description	Document
Details about assigned budget and expenditure on physical facilities and academic facilities	<a href="#">View Document</a>
Audited statements of accounts.	<a href="#">View Document</a>

**4.4.2 There are established systems and procedures for maintaining and utilizing physical, academic**

**and support facilities - laboratory, library, sports complex, computers, classrooms etc.****Response:**

There are specific personnel appointed for maintenance of infrastructure. These people, on a daily basis, will report to the Head of Construction & Facilities any breakages and other maintenance requirements and arranges to get them rectified.

Maintenance of resources a) Equipment and machine maintenance some of the critical maintenance work is outsourced as per the outsourcing process defined in ISO manual. However regular monitoring and control is the responsibility of maintenance section. During the maintenance if anything is required to be purchased shall be raised through requisition slip. Records of equipment's are maintained in stock registers as specified in Purchase Process ii. Equipment's / appliances are serviced periodically or as and when required iii. Equipment's like measuring devices are checked / calibrated during servicing

General maintenance: I. Maintenance of A.C. plant is outsourced on AMC and Auditorium, cleaning and maintenance is done by internal staff member and one person from outside. ii. Cleanliness & daily maintenance of the interior facility (classrooms, laboratories, hallway, and staircase) is done by Class IV employees of the Institute under the supervision of the Admin Office and surprise check is done by Executive Compliance Officer. iii. Cleanliness of toilet blocks and wash room has been done by the in-house employees IV. Fire extinguisher is outsourced since refilling of the cylinder is done once in a year. v. Maintenance of CCTV is done by the in-house employee and is maintained in coordination through technical person of computer center VI. ICT infrastructure is maintained by computer Centre personnel.

This rule applies regardless of whether the operating system of the computer permits these acts. Users of college computers shall comply with the regulations and policies of mailing lists, social media sites, and other public forums through which they disseminate messages. No one without proper authorization shall modify or reconfigure any University computer or network facility. The general policy for the sports complex shall be: The facility shall be open on the days and during the hours as established by the sports complex. Areas of the facility may also be closed for scheduled maintenance and repairs. The complex reserves the right to close the facility to hold promotional events and tournaments.

The technical staff attached to the respective laboratories service the equipment to the extent possible. When they become non serviceable, they report the matter to the faculty in-charge of the laboratory and he in turn refers the same to the HoD, who arranges to get them repaired. Due to the large number of computers and networking, a Systems Administrator and a Network administrator with their staff look after the maintenance of computers and the networking. Any major fault is reported to the Professor in-charge of CISCO, who then arranges to undertake the repairs.

File Description	Document
Any additional information	<a href="#">View Document</a>

## Criterion 5 - Student Support and Progression

### 5.1 Student Support

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

**Response:** 75

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

2016-17	2015-16	2014-15	2013-14	2012-13
749	758	733	568	337

#### File Description

#### Document

Any additional information

[View Document](#)

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

[View Document](#)

Upload self attested letter with the list of students sanctioned scholarships

[View Document](#)

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

**Response:** 25.24

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

2016-17	2015-16	2014-15	2013-14	2012-13
303	283	298	203	45

#### File Description

#### Document

Any additional information

[View Document](#)

Number of students benefited by scholarships and freeships besides government schemes in last 5 years

[View Document](#)

**5.1.3 Number of capability enhancement and development schemes –**

1. For competitive examinations
2. Career counselling
3. Soft skill development
4. Remedial coaching
5. Language lab
6. Bridge courses
7. Yoga and meditation
8. Personal Counselling

A. 7 or more of the above

B. Any 6 of the above

C. Any 5 of the above

D. Any 4 of the above

**Response:** A. 7 or more of the above

File Description	Document
Any additional information	<a href="#">View Document</a>
Details of capability enhancement and development schemes	<a href="#">View Document</a>
Link to Institutional website	<a href="#">View Document</a>

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

**Response:** 28.19

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

2016-17	2015-16	2014-15	2013-14	2012-13
604	422	339	0	0

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 5.1.5 Average percentage of students benefited by Vocational Education and Training (VET) during the last five years

**Response:** 12.14

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

2016-17	2015-16	2014-15	2013-14	2012-13
175	194	197	23	0

File Description	Document
Any additional information	<a href="#">View Document</a>
Details of the students benefited by VET	<a href="#">View Document</a>

### 5.1.6 The institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases

**Response:** Yes

File Description	Document
Any additional information	<a href="#">View Document</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View Document</a>
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<a href="#">View Document</a>

## 5.2 Student Progression

### 5.2.1 Average percentage of placement of outgoing students during the last five years

**Response:** 67.01

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

2016-17	2015-16	2014-15	2013-14	2012-13
140	108	83	1	1

File Description	Document
Self attested list of students placed	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Details of student placement during the last five years	<a href="#">View Document</a>

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

**Response:** 4.84

## 5.2.2.1 Number of outgoing students progressing to higher education

Response: 15

File Description	Document
Any additional information	<a href="#">View Document</a>
Upload supporting data for student/alumni	<a href="#">View Document</a>
Details of student progression to higher education	<a href="#">View Document</a>

## 5.2.3 Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: NET/SLET/GATE/ GMAT/CAT, GRE/ TOFEL/ Civil Services/State government examinations)

**Response:** 0.76

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

2016-17	2015-16	2014-15	2013-14	2012-13
4	1	3	0	0



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

2016-17	2015-16	2014-15	2013-14	2012-13
270	204	162	1	1

File Description	Document
Any additional information	<a href="#">View Document</a>
Number of students qualifying in state/ national/ international level examinations during the last five years	<a href="#">View Document</a>
Upload supporting data for the same	<a href="#">View Document</a>

## 5.3 Student Participation and Activities

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

**Response: 2**

## 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

2016-17	2015-16	2014-15	2013-14	2012-13
2	0	0	0	0

File Description	Document
Any additional information	<a href="#">View Document</a>
Number of awards/medals for outstanding performance in sports/cultural activities at national/international level during the last five years	<a href="#">View Document</a>
e-copies of award letters and certificates	<a href="#">View Document</a>

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

**Response:**

### **Constitution:**

Formation of student council of our institution is conducted under section 40(2)(b) of the Maharashtra Universities Act, 1994, guidelines were provided by Solapur University, Solapur and Maharashtra Public Universities Act, 2016. Student council is to be established every year during the first term.

The students council for the institution is consist of the following members

- Principal –Chairman.
- President, elected by an electoral institute consisting of students who are engaged in full time studies in the institute.
- Secretary, elected by an electoral institute consisting of students who are engaged in full time studies in the institute.
- One lady representative, elected by an electoral institute consisting of students who are engaged in full time studies in the institute.
- One lady representative belonging to Scheduled Castes or Scheduled Tribes or De-notified Tribes (Vimukta-Jati) or Nomadic Tribes or Other Backward Classes, by rotation, elected by an electoral institute consisting of students who are engaged in full time studies in the institute.
- One lecturer nominated by the Principal.
- National Service Scheme Programme Officer.
- One student from each class, who has shown academic merit at the examination held in the preceding year and who is engaged in fulltime studies in the college nominated by the Principal.
- Sports co-coordinator.
- One student from each of sports, NSS, cultural activity who has shown outstanding performance, nominated by the Principal.

### **Representation of Students in academic & administrative bodies of Institute:**

A student council is a representative structure for students only, through which they can be involved in the affairs of the institute, working in partnership with its management, staff and parents for the benefit of the institute and students. The member of student council is meant for the representation of the student community in the college. They are the interface between the students and the administration to identify and address concerns. The institute has given the representation to students in academic and administrative discussions and decisions. The council promote and co-ordinate the extra-curricular and curricular activities of students. Academic problems are discussed in the meetings. Suggestions of the members are considered for development of institute.

- Students representative are involved in respective departmental academic monitoring activities such as faculty feedback, syllabus completion report, academic problems of class etc.
- Student representative (General Secretary of Student Council) is involved in decision making all academic issues
- Student council representatives are involved in planning & execution of Annual Cultural & Sport Event.
- NSS secretary & team arrange different social events for college & society (Swachata Abhiyan, Blood Donation Camp, tree plantation etc)
- Students representatives are involved to organize and manage national level & state level technical events. E.g. Technofab, Prakalp, Avishkar etc.
- Departmental students association conducts fresher party every year for newly admitted students in

respective departments.

- Students representative helps to organize training & placement activities.
- Student representative helps to institute administration for prevention of ragging in college campus.
- Students representatives are involved in different administrative committees e.g.
- Anti-Ragging, Restrain Sexual Harassment, Committees for SC/ST, OBC CELL, Minority Internal Complaint Committee, Academic Monitoring Committee

<b>File Description</b>	<b>Document</b>
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

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

**Response:** 11.6

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

2016-17	2015-16	2014-15	2013-14	2012-13
21	10	12	7	8

<b>File Description</b>	<b>Document</b>
Any additional information	<a href="#">View Document</a>
Number of sports and cultural activities / competitions organised per year	<a href="#">View Document</a>
Report of the event	<a href="#">View Document</a>

## 5.4 Alumni Engagement

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

**Response:**

- **Contribution of ALUMNI for development of institution through financial and non financial means:**

The concept of alumni association evolved for needs from both the ends, i.e. academicians and professionals, in the aim of building a bridge between college life and career life, so that the fresher graduates are made proactive to face the current challenges of competitive professional world. Both the ends shall work hand in hand to help each other for achieving the goal. The idea took shape and formation of Alumni Association turned into reality.

Institute has registered. (Reg. No. Solapur/0000081/2017, Date: 09/10/2017) alumni association with the name of “**FABTECH TECHNICAL CAMPUS MAJI VIDYARTHI KALYANKARI SANSTHA SANGOLA**” to create and maintain a lifelong connection between the institute and its alumni. The association has Student Chairman, Vice Chairman, Secretary and Members. Alumni participate in the annual alumni meet on invitation and support for the development of the institution. Alumni are informally a part of the teaching learning process through expert lecture, organizing industrial visits and mentoring students. At the time of campus drives alumni who are working for the same employer guides the students for preparation of drive. They guide the students for placements as well as for entrepreneur. For academic improvement Alumni association is called to guide students & gives the information about current requirement of industries. Successful alumni who are good entrepreneur visit to the institute to provide placement to their juniors. Alumni's are in communication with the institute through Social networking sites. They can access day to day activities of institute through website and can give their valuable suggestions. The institution collects program exit feedback from its passing out students. The data is used to implement any corrective or preventive action to rectify any deficiencies. This feedback is just passed on to the department to make the necessary action.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

#### 5.4.2 Alumni contribution during the last five years

<1 Lakh

1 Lakh - 3 Lakhs

3 Lakhs - 4 Lakhs

4 Lakhs - 5 Lakhs

**Response:** ? 5 Lakhs

File Description	Document
Alumni association audited statements	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

#### 5.4.3 Number of Alumni Association / Chapters meetings held during the last five years

**Response: 2**

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

2016-17	2015-16	2014-15	2013-14	2012-13
1	1	0	0	0

<b>File Description</b>	<b>Document</b>
Any additional information	<a href="#">View Document</a>
Number of Alumni Association / Chapters meetings conducted during the last five years.	<a href="#">View Document</a>
Report of the event	<a href="#">View Document</a>

## Criterion 6 - Governance, Leadership and Management

### 6.1 Institutional Vision and Leadership

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

**Response:**

**Vision:** To be the prime institution of professional education and research in the benefits of the society.

**Mission:**

- Provide opportunities to deserving students of all communities in particular for quality professional education.
- Design and deliver prospects 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 - infrastructure and equipment for teaching and research activities.
- Promote all round personality development of the students through interaction with professional, alumina, academia, and industry.
- Strengthen the Educational Social Responsibilities ( ESR) of the institution,

The Management and the Principal constantly plan and strive to make the institute one of the premier institutions.

**Fulfilment of the mission:**

1. Establishment of Entrepreneurship Development Cell (EDC): Providing various co-curricular, extra-curricular and entrepreneurship skill development opportunities to ensure over all development of students.
  2. National Service Scheme (NSS): Plan the activities as a part of social responsibility so as to inculcate moral integrity in students and make them socially responsible good human beings.
  3. Establishment of Departmental Student Associations (DSA): Motivate the students to participate in various co-curricular, extra-curricular activities in order to develop their leadership qualities to work a team.
  4. Establishment of Student Council: The institution has formed student council. Students find ample leadership opportunities by participating in democratic selection of General Secretary and committee members.
- Action plan for fulfilment of mission: Principal and Heads of the departments prepare the action plan for effective governance and implementation of policies for the reflection of effective leadership. Academic calendar is prepared and provided to each department before the start of each semester. Academic calendar includes all the curricular, co-curricular and extracurricular activities and events to be organized throughout the semester. Faculty members are assigned institutional and departmental responsibilities and constantly work in tune with vision and mission of the institution.

- Communication of vision and mission by interaction with stakeholders: Institute arrange alumni meets, parent meetings and interact with employers to ensure constant communication of vision and mission.
- Process of continuous improvement: The institute collects feedback from stakeholders and by analysing it, prepare a plan to organize training programs and value added courses for bridging the gap between academics and industry. In the process of continuous improvement of the students the institute has signed MOU with organizations for providing additional soft skills and technical training to the students.
- Review and corrective measures: Academic performance of preceding year is reviewed in terms of placement, academic results, sponsored projects and publications in conferences and journals. Lacunas are analysed, required changes are suggested and strategies are made to ensure improvement in the performance of the system. The head of each department conduct meetings with the faculty to review the activities and submit the report to the Principal.

In order to have effective implementation of the policies various committees have been formed such as

- Academic Monitoring Committee
- Training and Placement/Alumni/Entrepreneurship Development Cell
- Cultural Committee
- Examination Coordination Committee

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

### 6.1.2 The institution practices decentralization and participative management

#### Response:

In order to ensure good governance, the college practicing decentralization and delegates authority at different levels. The HoD's are delegated with powers in distribution of work load to the faculty, Class coordinators, Guardian faculty members, lab in charge, coordinators for various activates at department and institute level. The HoD's prepare the academic schedule as per academic calendar of the institute and in consultation with the faculty members of the department. The institution delegated authority to the administrative office of the institution which issues certificates like bonafied, fees structure for educational loan, bus concession, etc., as per the requirements of the students. The institute encourages the culture of participative management

#### Culture of participative management:

- For effective implementation and to ensure smooth functioning of the institute the principal and faculty members provide inputs to the governing body in framing the policies, procedures, guidelines, rules and regulations and effectively implementing the same. Principal and faculty members conducts meeting at length, discuss, share their opinion and evolve the plans to conduct

various events on behalf of the institute.

- Meetings are arranged in which the faculty members participate in sharing the knowledge and putting their views on teaching learning process. The faculty members give presentation on attended workshops and conferences. They are encouraged to attend FDP / STTP, to write technical articles, research papers. Staff members are involved in preparation of annual budget of the department.
- The Head of department set their departmental objectives and frame an action plan to fulfil it in stipulated time. The progress of the department is analysed from self appraisal of the faculty members and they are counselled to set higher goals in coming academic year
- Faculties are appointed as coordinator of various academics, co-curricular, and extracurricular activities where they get ample opportunities to show their abilities and develop leadership skills. The teachers have always had an important say in the decision-making process within the institution.
- Students are encouraged continuously to organize program like Techno cultural fest (TechnoFab) to bloom their leadership quality. Faculty guide the students to take up innovative projects and motivate them to work in team. Promote entrepreneurs through a specialist entrepreneurship development cell ( EDC) which has tie up with various private/government organization. The Institute has always been in favour of participative management.

There are various committees formed to manage institutional activities which require participation of faculty.

- 1 Anti Ragging Committee.
- 2 Committee to Restrain Sexual Harassment.
- 3 Governing Body.
- 4 Grievance Redressal Cell.
- 5 Local Managing Committee .
- 6 Reserve Category Grievance Redressal Cell.
- 7 Standing Committee .
- 8 Students Council.
- 9 The Right To Information Act 2005.
- 10 Women's Grievance Redressal Cell.
- 11 Statutory Declaration
- 12 Committee for SC ST
- 13 Committee OBC CELL



14	Internal Complaint Committee	
15	Minority Committee	
File Description		Document
Link for Additional Information		<a href="#">View Document</a>

## 6.2 Strategy Development and Deployment

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

#### Response:

The institute has formulated perspective plans for development in following areas.

- New Initiative.
- New infrastructure.
- Academic expansion:

#### Perspective plan to introduce new Initiative

##### 2012-13

- To get permanent affiliation.
- To introduce new PG course.

##### 2013-14

- Wi-Fi set up and UPS system up gradation.

##### 2014-15

- CCTV system.

##### 2015-16

- MOU's with industries.

##### 2016-17

- Apply for NAAC.
- Apply for NBA.

#### Perspective plan about new infrastructure development

### **2012-13**

- Expansion of college building ( Wing B & C ).
- Installation of sewage water treatment plant.

### **2013-14**

- Set up of laboratory furniture and staff cabin.

### **2014-15**

- Interior for degree seminar hall.

### **2015-16**

- Shifting of canteen from C wing.
- Facility of ATM in campus.

### **2016-17**

#### **Installation of solar panel on roof of college building**

- To set up project lab.
- To establish the research centre.

#### **Perspective plan about academic expansion**

### **2014-15**

- Entrepreneurship Development Cell establishment for start ups.

### **2015-16**

- To start expert lecture series and NPTEL video lectures.

### **2016-17**

- To affiliate with BATU.

### **2017-18**

- To start M. Tech programme.
- To arrange FDP sessions.

At the inception of institute the college canteen was in C- wing and it was smoothly running but later on rush in the Fabtech Technical Campus was amplified and space was the major issue so in 2015 the governing body has decided to shift the canteen from C wing and immediate action was taken and shifted the canteen to new place and in the old place we developed the new lab of mechanical engineering

department under the name fluid mechanics and machinery.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>
Strategic Plan and deployment documents on the website	<a href="#">View Document</a>

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

#### Response:

Board of Governance is body of members which providing strategic leadership by setting direction, making policy, strategic decisions, monitoring organizational performance to ensure overall accountability.

The Institute Governing Body is a group of trustees with Shri. Rajabhau Ananda Rupnar as its Chairperson. They organise meetings with the Principal. The Principal is one of the member of Governing Body. The management and the Principal are also members of Local Management Committee (LMC).

#### Role of top management:

- Care is taken for the quality policy to achieve global standards.
- Management provides budgets for achieving standard of excellence in infrastructure.
- The Management has active involvement in academic and administrative functions
- The Management ensures a healthy, encouraging, participative and transparent environment.
- The Management interact with various governing bodies like Board of Governors, Local Management Committee, Grievance Committee, Anti Ragging Committee etc. positively and effectively.

Recruitment and Promotional Policies : The Institute strictly follows all the basic recruitment and promotional policies as stipulated by AICTE. Each and every faculty member completes the self-appraisal procedure every year in the prescribed format.

Self-appraisal is done on the basis of the following points:

- Teaching learning process evaluation
- Specific duties / tasks assigned by Heads of the Department.
- Major contribution for the benefit of student/ staff / Institute.
- Awards/ Rewards obtained by the faculty and staff.
- Contribution towards extracurricular and co-curricular activities.
- Research contribution of staff in terms of research projects, publications and guidance provided to students for involvement in research.

Grievance Redressal: The Institute has following committees for hearing grievances/complaints from students, teaching and non-teaching staff.

- Local Managing Committee
- Committee to Restrain Sexual Harassment.
- Reserve Category Grievance Redressal Cell
- Anti-ragging Committee
- Women's Grievance Redressal Cell
- Student Council
- Internal Complaint Committee
- Student Grievance Redressal Cell

Everybody in the institution is made aware of the existence of these committees. As and when the committee receives a complaint, they meet immediately, review and resolve the problems. They also ensure that necessary actions are taken. The complaint details are filed separately and kept confidential.

File Description	Document
Link for Additional Information	<a href="#">View Document</a>

**6.2.3 Implementation of e-governance in areas of operation: 1.Planning and Development 2. Administration 3. Finance and Accounts 4. Student Admission and Support 5.Examination**  
**A. All 5 of the above**

**B. Any 4 of the above**

**C. Any 3 of the above**

**D. Any 2 of the above**

**Response:** B. Any 4 of the above

File Description	Document
Details of implementation of e-governance in areas of operation Planning and Development,Administration etc	<a href="#">View Document</a>
Screen shots of user interfaces	<a href="#">View Document</a>

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

**Response:**

The daily use of water for all college buildings is around 1.5 lack litres. In our college rain water is collected from the roof top of all the buildings of college during rainy season or during overflow of the tank by using pipes. Water is brought at one central location from where it is send to the tank available at the back side of the boy's hostel through the pipelines. We also have provision to collect waste water from flushing which is also collected in the same tank. The capacity of tank is around 47 cubic meter per day (47000 Litres) with dimension as 5X3.4 X2.5 Mtr. The collected water is not clean so it can clean by using the water treatment plant. Water treatment removes contaminants and undesirable components, or reduces their concentration so that the water becomes fit for its desired end-use. It has Equalization Tank, Sludge Tank, Aeration tank, Settling tank and Clarified water tank. Grey water collected is filtered off initially and solid waste is separated and disposed of in the sewage system backyards. The filtered water is treated with hypochlorous acid, Jaggery and cow dung to remove micro-organisms and fouling smell. Later the treated water is used to water the plants in the college vicinity. The plant was installed by Parikh Construction Pvt Ltd, Sangli. The total cost of installation is around Rs.5061674/-.

### Stages of Water Treatment:

- **Equalization Tank-** The capacity of tank is around 47 cubic meter per day (47000 Litres) with dimension as 5X3.4 X2.5 Mtr. This tank is used to collect all the waste water.
- **Sludge Tank-**The capacity of tank is around 22 cubic meter per day (22000 Litres) with dimension as 2X3.8 X3.4 Mtr. Sewage sludge refers to the residual, semi-solid material that is produced as a by-product during sewage treatment of wastewater. When fresh sewage or wastewater enters a primary Sludge tank approximately 50% of the suspended solid matter will settle out in an hour and a half.
- **Aeration Tank-** The capacity of tank is around 48 cubic meter per day (48000 Litres) with dimension as 4.2X3.8X3.4 Mtr. Aeration in an activated sludge process is based on pumping air into a tank, which promotes the microbial growth in the wastewater and also help to remove smell of water.
- **Settling Tank-**The capacity of tank is around 22 cubic meter per day (22000 Litres) with dimension as 2X3.8 X3.4 Mtr. A sedimentation tank allows suspended particles to settle out of water or wastewater as it flows slowly through the tank, thereby providing some degree of purification. A layer of accumulated solids, called sludge, forms at the bottom of the tank and is periodically removed.
- **Clarified Water Tank-** The capacity of tank is around 14 cubic meter per day (14000 Litres) with dimension as 1.35X3.8X3.4 Mtr. The treated water is collected in this tank. Water collected in this tank is then used for the gardening purpose.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

## 6.3 Faculty Empowerment Strategies

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

**Response:**

Following welfare schemes are available for teaching and non-teaching staff associated with the Institute:

- Staff quarters are provided to both teaching and non-teaching staff in the campus for accommodation.
- Medical leave is provided to staff.
- Extended maternity leaves and permission to leave early for ladies staff members
- Uniforms are given to Class IV employees.
- Apron, footwear and uniforms are provided to workshop staff.
- ATM, Mess/Canteen within the campus.
- Faculty members are permitted to attend Training Programmes conducted at different institutions.
- For upgrading skill and knowledge different facilities are provided by institutes such as Internet, library, audio-visual aids.
- PF facility is given to every non - teaching and as per rule to the teaching staff.
- Insurance by University for faculty members.
- Facility for indoor/outdoor games.
- First aid unit in every department.

Institute has set the norms for professional development of faculty members and non-teaching staff :

- Promote for Higher Studies and research work.
- Grant the permission to attend FDP, STTP in other institutes.
- Motivate to attend, present and publish research papers in National/International conferences and refereed journals
- Permission to organize seminar, guest lecture for faculty members
- Support to bring consultancy projects to the departments and work on them.
- Support to sign MOU with industries.
- Encourage to acquire higher professional qualification by Non Teaching Staff.
- Organize training for nonteaching staff to upgrade their skills and multitasking abilities

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

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

**Response:** 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

2016-17	2015-16	2014-15	2013-14	2012-13
0	0	0	0	0

File Description	Document
Details of teachers provided with financial support to attend conferences, workshops etc. during the last five years	<a href="#">View Document</a>

### 6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years

**Response:** 0.4

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

2016-17	2015-16	2014-15	2013-14	2012-13
2	0	0	0	0

File Description	Document
Details of professional development / administrative training programs organized by the Institution for teaching and non teaching staff	<a href="#">View Document</a>

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

**Response:** 42.42

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

2016-17	2015-16	2014-15	2013-14	2012-13
72	27	14	15	18

File Description	Document
Details of teachers attending professional development programs during the last five years	<a href="#">View Document</a>

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

#### Response:

The Institute strictly follows all the basic recruitment and promotional policies as stipulated by AICTE. Each and every faculty member completes the self-appraisal procedure every year in the prescribed format.

Self-appraisal is done on the basis of the following points:-

- Evaluation of teaching learning process.
- Specific duties / tasks assigned by Heads of the Department.
- Major contribution for the benefit of student/ staff / Institute.
- Awards/ Rewards obtained by the faculty and staff.
- Contribution towards extracurricular and co-curricular activities.
- Research contribution of staff in terms of research projects, publications and guidance provided to students for involvement in research.

The management plays an important role in annual increments and promotions in the grades are all implemented by the management on the basis of an individual performance indicated in the appraisal report.

The management takes financial decisions on implementation of new salary structure and increments based on the performance in appraisal report.

Thus such review is used as an important tool and maintenance of high level of satisfaction among employees. Decisions taken by the management are communicated to concerned faculty through proper channel.

File Description	Document
Any additional information	<a href="#">View Document</a>

## 6.4 Financial Management and Resource Mobilization

### 6.4.1 Institution conducts internal and external financial audits regularly

#### Response:

Internal audit is carried out by college appointed auditors. The accounts of the institute are audited regularly as per the Government rules. The internal auditor checks receipts with fee receipts and payments



with vouchers and necessary supporting documents. He also ensures that all payments are duly authorized. The institution is having qualified practicing chartered accountant firm as internal and external auditors who are auditing the accounts of the institute once in year. The external audit is carried out by Mr. R.M. Rajapurkar from R.M. Rajapurkar & CO. Pune, in accordance with the standard on auditing issued by the institute of Chartered Accountants of India every year. The external auditor conducts statutory audit at the end of financial year. The report of external auditor for five years along with audited Balance Sheet and Income and Expenditure account is enclosed. The last external audit has been completed in June, 2017 for the session 2016-17. Audit work for the session 2015-16, 2014-15, 2013-14 and 2012-13 is also performed by same auditor. Details of the audit are attached herewith. According to audit report the Balance Sheets, Statements of Income and Expenditure comply with the accounting standards, generally accepted in India. There have been no audit objections in the last five years.

◦ FINANCIAL YEARLY AUDIT

1. Fabtech Technical Campus :- March 2017 = Total = Rs. 64,610,690 /-
2. Fabtech Technical Campus :- March 2016 = Total = Rs. 51,259,270/-
3. Fabtech Technical Campus :- March 2015 = Total = Rs. 84,785,062/-
4. Fabtech Technical Campus :- March 2014 = Total = Rs. 61,373,550/-
5. Fabtech Technical Campus :- March 2013 = Total = Rs. 38,657,996/-

File Description	Document
Link for Additional Information	<a href="#">View Document</a>

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

**Response:** 0.3

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

2016-17	2015-16	2014-15	2013-14	2012-13
.30	0	0	0	0

File Description	Document
Any additional information	<a href="#">View Document</a>
Details of Funds / Grants received from non-government bodies during the last five years	<a href="#">View Document</a>

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

**Response:**

The majority of the funds in the college are obtained from the tuition fees collected from the students. The FTCCOER trust contributes resources from time-to-time to take up various major infrastructure /Laboratory development. The institute also supplements its resources through grants from consultancy work and funding agencies.

Fund mobilization policy followed by Institute.:

- At department level equipment's/articles that are required / damaged /serviced are identified with the help of stock verification. Stock verification is performed by Lab In Charge and concern HOD at the end of the every academic year. The concern Lab In Charge prepares a list of requirement to be purchased and serviced.
- Indents given by all the departments are evaluated and consolidated by the Management .Quotations are requested from various suppliers. Quotations of different suppliers are evaluated, comparative statement is prepared, suppliers are called for personal discussion and after comparing all aspects from various suppliers, orders are placed by the principal/Management. This ensures that right equipment is purchased at most competitive price.
- Every year the department places the budget to the principal. The principal collects from all the department and present the budget to management for the approval. For resource mobilization faculties are encouraged to submit research projects for getting the grant and to enhance the research facilities.

Effective and efficient utilization of available resources for infrastructure, development and teaching learning process is achieved by the institute considering following parameters:

- Departmental requirements in terms of laboratory requirements, stationary requirements and contingency funds for event organization are listed by the HOD and forwarded to Principal for approval in prescribed format. The departmental budget is then discussed and approved by Principal and put into institutional budget and then forwarded for approval to Governing Body.
- Quotations are called from different vendors fulfilling the requirements. After making comparative statement and approval from the Principal, purchase orders are placed to the vendors.
- After receiving the required commodity, dead stock registers are maintained and updated regularly. Servicing, maintenance and repair of instruments and equipment is carried out regularly in similar manner.
- Any additional requirements arised due to unforeseen expenditure shall be discussed in the HOD meeting and requested to the management for approval.
- Expenditure: Records for purchase, maintenance and event organization are maintained regularly and reported to administrative office. Record for expenditure towards advance required for miscellaneous items inclusive of details of purchase is maintained.

File Description	Document
Any additional information	<a href="#">View Document</a>

## 6.5 Internal Quality Assurance System

### 6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

#### Response:

Best Practice 1: Guardian Faculty Member (GFM) Scheme.

#### Best Practice 1:

**1. Title of the practice: Guardian Faculty Member (GFM) Scheme.**

**2. Objective of Guardian Faculty Member (GFM):-**

1. To acclimatize the new students to the campus life in FABTECH.
2. To provide academic counselling.
3. To communicate with the ward's parent.
4. Providing emotional support to students on individual basis.
5. Helping students to overcome home sickness.
6. Establishing rapport between teacher, student and parents.
7. Monitoring attendance and behavioural aspects of every student.
8. Identifying weak areas and working out remedies, helping the students for taking their complete care.

**3. Highlights of the Scheme:**

1. One teacher is nominated as 'Teacher Guardian' for fifteen to twenty students.
2. Teacher Guardian maintains all records of students in provided formats.
3. Teacher Guardian does all the follow up regarding attendance of students under his supervision.
4. Teacher guardian monitors academic performance of students.
5. If student remains absent for one slot of day and then teacher guardian have to call the parent of that student.
6. Teacher guardian sends letters regarding performance and attendance to parents every month.
7. Poor performance of students is improved by way of counseling.
8. Teacher guardian does counseling about studies.
9. Teacher guardian tries to solve the domestic problems of students.
10. In consultation with HOD, teacher guardian gives the necessary punishment to student for improvement.

Best Practice 2: Supervisory Self Study (SSS) for FE Student

#### Best Practice 2:

**1. Title of the practice: Supervisory Self Study (S-III) Scheme.**

**2. Objectives of Supervisory Self Study (S-III) Scheme:**

1. To improve the strength of students.
2. To get drastic improvement in students marks.
3. To improve students understanding and confidence.

**3. Highlights of the Scheme:**

1. Hostel students get the benefit of it for extra study.
2. Students staying nearby college also get benefited by the scheme.
3. Every teaching faculty has to work as Supervisor for their allocated sessions.
4. Students can access the library books in those hours.
5. Attendance of all students is maintained on regular basis.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

### 6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms

#### Response:

**Teaching learning:** The institute's teaching, learning and assessment strategies are continually reviewed, ideas for improvement identified, and implemented by IQAC. The mechanism is executed for continuous review the teaching learning process at the department level. HOD's allocates the subject to the faculty as per their specialization. Faculties are requested to follow the following guidelines,

1. Preparation of academic and activity calendar at the beginning of semester.
2. Timetable preparation as per work load assigned to faculty.
3. Preparation and implementation of teaching plan for each subject teacher for theory and practical's.
4. Preparation of Course file for every subject which includes subject syllabus, notes, list of all students with their previous results, unit wise assignment questions, questions bank, result analysis of that subject for last 3 years.
5. Faculty diary to maintain attends record of theory and practical's with assessment plan.
6. Weekly report of Syllabus coverage, monitoring of monthly attendance.
7. Conduction of unit tests, paper assessment and result analysis to monitor students' performance.
8. Corrective action for non-performing students.
9. Parents of absent students, defaulters are called upon to meet and monthly attendance is sent to all parents along with test performance.
10. Teaching faculties are encouraged to use of Latest technology such as Projectors, Videos of their subject in regular academics.
11. Assessment of teachers based on feedback received from students.
12. Letter of appreciation to best performing and corrective actions for non-performing faculty.
13. Institute level general meeting conducted in every semester for complete review and assessment of academics.

#### Best Practice 1: Expert Lecture Series

##### 1. Objectives of Expert Lecture Series:

1. To bring the best in class knowledge to students.
2. To explore the students mind.

3. To provide better platform of learning.
4. To opens your lesson design to new options.

**2. Highlights of the Scheme:**

1. Guest lecturers are not substitute teachers.
2. Students get best to learn from expertise.
3. Scheme provides added credibility to our content/academics.
4. Opens student lesson design to new options.
5. Provide a platform for students to clear their doubts.

**Best Practice 2:** Provision of compiled past examination question papers on Google drive.

**1. Objectives:**

1. To make previous question papers softcopy available to students and faculty members.
2. To help students to focus on common exam structure.
3. To practice with actual exam-style questions.
4. To develop/improve time management skills of student.
5. To refine students exam answering skills.

**2. Highlights of the Scheme:**

1. Student gets the theme of examination pattern.
2. Improvement in time management during exam.
3. Improvement in students result.
4. Student's exam answering skill is increased.
5. Development in self-awareness of their personal learning.
6. Revision of entire syllabus in quick time.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

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

**Response:** 0

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

2016-17	2015-16	2014-15	2013-14	2012-13
0	0	0	0	0

File Description	Document
Number of quality initiatives by IQAC per year for promoting quality culture	<a href="#">View Document</a>
IQAC link	<a href="#">View Document</a>

#### 6.5.4 Quality assurance initiatives of the institution include:

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

A. Any 4 of the above

B. Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above

**Response:** C. Any 2 of the above

File Description	Document
Any additional information	<a href="#">View Document</a>
Details of Quality assurance initiatives of the institution	<a href="#">View Document</a>

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

**Response:**

**Institute has made incremental improvements in the below mentioned quality parameters.**

- i) Admission
- ii) Feedback
- iii) Result

iv) Placement

i) Steps adopted for incremental improvement for admission in preceding five years

- To improve the graph of admission management has devised some standard policies to increase intake
- Concession is the policy adopted by the management to increase the admission graph. Other policies like merit based concessions i.e. student of open category scoring above 90% in the SSC HSC or diploma are given 100% concession in college tuition fees. For category students of above 90% are given 100% concession in hostel fees.
- Also management accepts the college fee in installments as per student's convenience.

ii) Some innovative steps of the management has boosted to incremental improvement of faculty feedback. These are as

- Feedback of each faculty is taken in every semester from students,
- Feedback format consists 14 evaluation parameters to judge the caliber of faculties
- Each parameter of feedback must be above 80%
- For new faculties counselling is done for satisfactory feedback by senior faculty and HoD.
- Hence implementation of these steps gives an impetus to incremental improvement regarding feedback.

iii) The management has fabricated a rigid policy for incremental improvement in result of preceding five years

- Faculties with poor results are given perception by Principal.
- We take special efforts like extra classes on holidays, night study, test series, providing question banks.
- To improve result Guardian Faculty Members (GFM's) monitor the students personally and make them study hard.
- Class Coordinators have classified their students into four categories.
- We are conducting frequent practice sessions to enhance result.

iv) Training and Placement cell is doing versatile job by placing the students in reputed companies through their rigorous efforts which are as follows.

- Inviting companies for placement interviews in the campus
- Imparting effective placement training to the young engineering aspirants
- Regular conduction of MOC interviews, MOC GD, MOC IQ test which helps students to clear screening test

Placement cell strives hard to imbibe effective soft skills in the students which in turn help them to place in reputed companies.

File Description	Document
Any additional information	<a href="#">View Document</a>

NAAC



## Criterion 7 - Institutional Values and Best Practices

### 7.1 Institutional Values and Social Responsibilities

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

**Response: 8**

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

2016-17	2015-16	2014-15	2013-14	2012-13
3	3	1	1	0

File Description	Document
Report of the event	<a href="#">View Document</a>
List of gender equity promotion programs organized by the institution	<a href="#">View Document</a>

#### 7.1.2

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

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

**Response:**

Institute maintain Safety and security of wards, good quality security system as well as cleaning system to maintain healthy and secure life of students. 24x7 security is provided in hostels with CCTV cameras in the common areas. Additionally, rector, assistant rector, and supporting staff also take due care of the students and maintain discipline in the hostels.

The institute has been successful in establishing the ethical and value based culture. The students and staff has no discrimination in terms of Gender,

**To take care of this,**

Institute formed various committees such as **Restrain sexual Harassment, Women grievance Redressal Cell**: These committees are set up to address the grievances of female students and staff and for maintaining the healthy and safe environment for girls and women employees on the campus.

Objectives of these cells is to create a healthy environment in the campus where every woman

feels safe and self-confident without any problems relating to gender discrimination and sexual harassment.

**The anti-ragging committee** functions actively in the institution to handle carefully the issue of ragging.

**Guardian faculty member Scheme** (GFM) is implemented where GFM look after sensitive issues (if any) related to gender discrimination or caste and addresses it with caution or avert it by careful counselling.

**Hostel Facility:** Institute has separate boys and girls hostel facility in the campus. In the institute no hostelite student is permitted to go out without gate pass. Gate pass is provided after calling respective student's parent. And such gate pass record is maintain at gate entry register. 24x7 security is provided in all hostels.. The area of the institute is under CC TV surveillance.

*Identity card is mandatory for every student to prior enter in the college.* Additionally, rector, assistant rector, and supporting staff also take due care of the students and maintain discipline in the hostels through following means.

- Visitors should enter the details in register.
- Girls & Boys residing in hostel are not allowed to leave hostel after 6.30 pm.
- Daily attendance of girls & boys in hostel taken by Hostel Rector.
- Movement registers are maintained in girls and boys hostel separately.

**Counselling Cell:**

Counseling of the aspiring students and giving them information about the courses & social issues.

Counseling of the students is done to motivate, and enhance their self-reliance.

This is achieved through Guardian faculty member Scheme (GFM), class teacher, and individual faculty. Apart from this Professional counsellors are made available as and when required under this cell to achieve the objectives.

**Common Room:**

Girls are provided with separate common rooms and refreshment facility.

File Description	Document
Any additional information	<a href="#">View Document</a>

**7.1.3 Alternate Energy initiatives such as:**

**1. Percentage of annual power requirement of the Institution met by the renewable energy sources****Response:** 5.39

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

Response: 17820

7.1.3.2 Total annual power requirement (in KWH)

Response: 330831

File Description	Document
Any additional information	<a href="#">View Document</a>
Details of power requirement of the Institution met by renewable energy sources	<a href="#">View Document</a>

**7.1.4 Percentage of annual lighting power requirements met through LED bulbs****Response:** 13.39

7.1.4.1 Annual lighting power requirement met through LED bulbs (in KWH)

Response: 33434

7.1.4.2 Annual lighting power requirement (in KWH)

Response: 249738.84

File Description	Document
Details of lighting power requirements met through LED bulbs	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**7.1.5 Waste Management steps including:**

- Solid waste management
- Liquid waste management
- E-waste management

**Response:****Solid Waste Disposal: Yes.**

Biodegradable and non-biodegradable waste is segregated and bio degradable waste is used for compost.

Bins are set up in college campus to collect solid waste. Sangola municipal council collects this solid waste from our campus.

Dry leaves and waste papers are not allowed to be put on fire in campus. Waste paper generated is sold to vendor for recycling. Dry leaves are collected and assembled in vermicomposting bins. Vermicast is utilized for plants in the campus. Paper usage is minimized by printing on both sides of papers. Inter department correspondence is made through e-mails.

**Liquid Waste Disposal: Yes.**

Our institute has sewage treatment plant where we collect liquid waste and treat it.

Daily water demand of our campus is two lakh liters per day. We are considering that 80% of water is converted into sewage i. e. 1.6 lakh lit/day. This waste water is treated into sewage treatment plant.

Waste water is collected from college building Wing A, B, C, D, girls hostel building, boys hostel building, public school building and three staff quarters. Liquid chemical waste generated in chemistry laboratory and environment laboratory is also diluted/neutralized and then discharged in drainage system. This collected waste water is treated in sewage treatment plant.

Waste water enter into collection tank after screening in bar screen tank where mild steel jail is provided to remove debris from collected waste water. In sludge holding tank sludge is collected. Then water will go to aeration tank where air is introduced into raw water to remove foul gases from the water. After aeration process water will move to tube retailer tank and then to chlorine contact tank where chlorine contact tank where chlorine is added to disinfect water. For 40 liters of waste water 200ml chlorine is added. After disinfection water is filtered in sand filters. This filtered water is collected into treated water tank.

Treated water in sewage treatment plant is reused for catering the demand of water for plants in campus. Though our institute is in drought prone area landscaping of campus is green because we are reusing this treated water for watering the plants in our campus.

**E-waste management: Yes.**

E waste is mainly the computer and its hardware, electronic equipment, meters etc. which is normally repaired & weeded out under buy back policy of the institute.

File Description	Document
Any additional information	<a href="#">View Document</a>

**7.1.6 Rain water harvesting structures and utilization in the campus**

**Response:**

Yes

Our institute is located in draught prone area so it is necessary to do rain water harvesting to cater water demand for landscaping.

Rainwater harvesting is the accumulation and storage of rainwater for reuse on-site, rather than allowing it to run off. Rainwater collected from roofs are channelized towards the storage tank, percolation tank etc.

Roof top and surface run off is collected i.e. water from terrace, courtyard, paved or unpaved open ground is collected and diverted towards drainage system with the help of pipes. These drainage systems channelize rain water towards the inlet of sewage treatment plant. Here rain water undergoes treatment process. First debris is removed with the help of mild steel mesh. After the removal of debris from rain water it accumulates in collection tank. In sludge holding tank sludge is collected. Then water will go to aeration tank where air is introduced into raw water to remove foul gases from the water. After aeration process water will move to tube retailer tank and then to chlorine contact tank where chlorine is added to disinfect water. After disinfection water is filtered in sand filters. This filtered water is collected into treated water tank used for gardening.

File Description	Document
Any additional information	<a href="#">View Document</a>

#### 7.1.7 Green Practices

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

#### Response:

The Institute is very conscious towards conservation and safety of the environment. Know green and think green is promoted on the campus. The college has a canopy of trees and plants that make the environment carbon dioxide free and to maintain health of all the inmates. These natural plants and greenery, both inside and outside the campus. The garden has palm trees, neem trees and other varieties of trees, which provide shade and a beautiful ambience. Lawns and plants dramatically reduce noise pollution in the campus. All classrooms and Library of the Institute are well-structured with natural illumination and ventilation with minimal usage of artificial illumination.

Institute inspires and continually reminds the students and staff to conserve energy in the form of placard that are placed in and around the campus. The college undertakes various activities through N.S.S. like water and power management. The campus promotes Water conservation and prevention of water wastage. Waste water is used for gardens by using drip/sprinkler irrigation system to save water. The sprinklers are used for irrigating gardens, different lawns in campus which is one of the steps toward greening practices. In the campus Proper arrangement of landscape plants around buildings substantially reduce both heat loss and cold air infiltration through walls and floors during the winter months. All staff & students are

encouraged to use of public transport (ST Mahamandal) and College bus and bicycles.

The college buildings are designed in such a way that the broad day light commensurate the required ventilation and sunlight, to save extra power for bulbs and fans. Implementation of energy saving techniques is ensured as lights and fans are switched off by students, peons and staff members after completion of their work. Fans are used as per requirement only.

The college promotes paperless academics and administrative functioning. College notices are informed to students via WhatsApp created by departmental class wise groups or emails to students. College promotes for the plastic free campus through avoiding the plastic food package bags, plastic tea cups in the canteen, using reusable utensils glass or steel cups for drinking water. Large number of dustbins also provided at all major parts of the campus. These activities control campus pollution. Swachh Bharat Pledge is also taken from all staff & students. Trees are planted in the campus every year on various occasions and around 2000 plants have been planted so far in campus. To create eco-friendly awareness among the students college regularly organizes lectures on energy conservation. Students, staff, faculty and administration work together to produce the best results raising green awareness and helping to push the environmental friendly agenda in front of campus.

File Description	Document
Any additional information	<a href="#">View Document</a>

### 7.1.8 Average percentage expenditure on green initiatives and waste management excluding salary component during the last five years

**Response:** 9.18

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

2016-17	2015-16	2014-15	2013-14	2012-13
0.82486	0.13803	0.86057	9.04553	12.68882

File Description	Document
Details of expenditure on green initiatives and waste management during the last five years	<a href="#">View Document</a>
Green audit report	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

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

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

A. 7 and more of the above

B. At least 6 of the above

C. At least 4 of the above

D. At least 2 of the above

**Response:** C. At least 4 of the above

File Description	Document
Resources available in the institution for Divyangjan	<a href="#">View Document</a>
link to photos and videos of facilities for Divyangjan	<a href="#">View Document</a>

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

**Response:** 16

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

2016-17	2015-16	2014-15	2013-14	2012-13
5	4	3	3	1

File Description	Document
Any additional information	<a href="#">View Document</a>
Number of Specific initiatives to address locational advantages and disadvantages	<a href="#">View Document</a>

**7.1.11 Number of initiatives taken to engage with and contribute to local community during the last five years (Not addressed elsewhere)****Response:** 6

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

2016-17	2015-16	2014-15	2013-14	2012-13
2	2	1	1	0

File Description	Document
Details of initiatives taken to engage with local community during the last five years	<a href="#">View Document</a>
Report of the event	<a href="#">View Document</a>

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

File Description	Document
Any additional information	<a href="#">View Document</a>
URL to Handbook on code of conduct for students and teachers , manuals and brochures on human values and professional ethics	<a href="#">View Document</a>

**7.1.13 Display of core values in the institution and on its website****Response:** Yes

File Description	Document
Any additional information	<a href="#">View Document</a>
Provide URL of website that displays core values	<a href="#">View Document</a>

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



**Response:** Yes

File Description	Document
Details of activities organized to increase consciousness about national identities and symbols	<a href="#">View Document</a>

#### 7.1.15 The institution offers a course on Human Values and professional ethics

**Response:** Yes

File Description	Document
Any additional information	<a href="#">View Document</a>
Provide link to Courses on Human Values and professional ethics on Institutional website	<a href="#">View Document</a>

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

**Response:** Yes

File Description	Document
Provide URL of supporting documents to prove institution functions as per professional code	<a href="#">View Document</a>

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

**Response:** 42

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

File Description	Document
Any additional information	<a href="#">View Document</a>
List of activities conducted for promotion of universal values	<a href="#">View Document</a>

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

**Response:**

Yes

The College Management motivates the students for social participation and also drives to achieve its goal of providing higher technical education, to create an equitable society with ethical values. Festivals are an expressive way to celebrate glorious heritage, culture and traditions. The reason of celebration is meant to rejoice special moments and emotions in our lives with our loved ones, also it plays an important role to add structure to our social lives, and connect us with our families and backgrounds. The festival celebration gives us a distraction from our day to day, exhausting routine of life, and gives us some inspiration to remember the important things and moments in life. Festivals were started to pass the legends, knowledge and traditions onto the next generation. Institute believes and promotes students for ethical and moral activities trying to add social values to the society, developing a student as a responsible citizen of India. Institute always aims to pursue excellence by creating students with a high degree of intellectual, professional and cultural development to meet the national and global challenges.

Our institute organizes the birth and death anniversaries of the great Indian personalities, to give the morals of their life to the students.

The birth and death anniversaries functions are arranged by the students and faculty members, it helps all to come together and celebrate. These functions are purposefully focused on the character, personality, struggle and achievements of the specific personality. Also our institute organizes the Ganesh festival, Shiv Jayanti, Youth festival, Mahatma Gandhi Jayanti, Savitribai Phule Jayanti, Mahatma Phule Jayanti, Engineers Day, Teachers Day, Yoga Day, Independence Day, Republic Day, Dr. A.P.J. Abdul Kalam Jayanti, Dr. Babasaheb Ambedkar Jayanti, Blood Donation Camp, Tree Plantation Day, Fabtech Foundation Day etc. Our institute had established the "Green Team" to create awareness about the environmental degradation. Apart from the religion, everyone is enthusiastically participates in these festivals.

File Description	Document
Any additional information	<a href="#">View Document</a>

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

Yes

Fabtech Technical Campus, since its inception has been imparting quality technical education. The Fabtech Technical Campus is dedicated to establish, nurture and develop world class institutions of higher education. Our institute defines a financial structure for every academic year. Every year the Budget for whole year is presented in front of management of institute and it is sanctioned by the management and for the whole academic year the sanctioned budget is utilized. Principal as a head of institute monitors whole system at the academic as well as at the administrative level. Every year the academic calendar is fixed

before the beginning of the academic year. Every stream has centrally defined term work system, the tests are conducted as per the academic calendar and university norms. The conduction of lectures and practicals are also as per the university rules. Software for perpetual license are updated on regular basis by company and paper license software are updated as and when vendor approaches with the new edition, the requirement is felt by the department.

Various academic and administrative bodies are represented by staff & students that are described as follows:

- Committee to restrain sexual Harassment
- Governing Body
- Grievance redressal cell
- Local Managing Committee
- Reserve Category Grievance redressal cell
- Standing Committee
- Students Council
- Woman Grievance redressal cell
- Anti-ragging Committee
- Committee for SC ST
- Committee OBC CELL
- Discipline committee
- Internal Complaint Committee
- Minority Committee
- Internal Quality Assurance Cell - IQAC
- Training and Placement Cell
- Alumini Cell
- Entrepreneur Development Cell

These committees make every attempt to resolve staff & students' problems. Every year students' feedback is taken on the facilities and infrastructure. Through this feedback, the complaints of the students are understood and efforts are made to rectify them.

Every year financial audit report is submitted to Directorate of Technical Education, *Maharashtra* . We also adhere AICETE auditing rules.

File Description	Document
Any additional information	<a href="#">View Document</a>

## 7.2 Best Practices

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

**Response:**

**Title: “FABTECH FIRST YEAR STUDY ACTIVITY”**

### 1. Title of the Practice:

Fabtech First Year study Activity

2. **Goal:** We give particular time to set realistic goal for the sake of best practices of the students. So, student improvement programs are aimed with following aspects-

- To reduce student dropout and increase the results.
- To design an approach in order to satisfy catering need of students.
- To improve the soft skill and overall personality development of the students.
- To improve their academic performance extra coaching in additional study hours.

3. **The Context:** The institution is located in rural part of Maharashtra. The Students along with their parents are lack of technical knowledge. Admitted students are with lack of confidence which was leading to poor academic performance in spite of ability.

4. **Practice:** Fabtech First Year study Activity is an indigenously developed mechanism for ensuring effective implementation of teaching learning process and overall development of the students. It consist of four distinct components out of which first two focus on student development and guidelines for becoming an outstanding student, whereas last two on guiding students about getting excellent academic performance and going one step ahead achieving overall development. Students are required to maintain separate notebook for all subjects. Tests are being conducted on as per university norms. In evening study hours we motivate the student to self-study under the supervision of faculty for improvement of learning. The main intention is to reduce dropout per year.

5. **Evidences of Success:** The dropout percentage of the first year students has reduced which indicates effectiveness of implementing this practice.

### 6. Problem encountered and resource required:

- Giving extra time to weaker students with free of cost was the troublesome.
- It was challenge to arrange evening study hour's for non-hostilities.

### Best Practice 2: ACADEMIC MULTI-MONITORING SYSTEM

In our institute we follow multi-monitoring system for students at two levels.

I **.Administrative level:** This includes monitoring by campus Principal, Head of Department, Departmental Academic coordinator and Guardian Faculty Member.

**II. Academic level:** This includes monitoring by Principal, Head of Department, Departmental Academic coordinator, class coordinator and subject teacher.

## **2. Goal:**

- Effective interaction between Teacher-student-Parent.
- To provide academic exposure to the student.
- To encourage and motivate faculty to have a class of learning using interactive methods for student's overall personality development.

## **3. Context**

It is necessary for parents to know the recent status and over all development of the student. In order to have effective communication between teacher, student and parent regular contact is encouraged.

## **4. The practice**

Principal as a head of institute monitors whole system at the academic as well as at the administrative level. His leadership is inextricably linked to student performance. The contribution of leadership strengthens overall culture of college.

Under the guidance of Principal one faculty from each department is appointed as departmental academic coordinator. These faculties prepare academic calendar at the beginning of each semester which includes different activities like tests, assignment execution, seminars, workshops, industrial visits, cultural-social-technical activities and schedule of meetings with Principal and HOD. Academic coordinator is responsible for maintaining records of monthly attendance, status of syllabus completion and records of GFM activities. GFM is a guardian faculty member of a particular class who plays important role in mentoring of students, monitoring their attendance, preparation of monthly attendance. GFM also acts as mediator between institute and parents.

Departmental academic coordinator along with subject teacher prepares teaching plan, practical plan, unit wise question bank, MCQs, assignments of respective subjects.

One of the advantages of implementing the academic multi monitoring system in an institute is that it leads to an efficient exchange of information. Departments work in coordination to solve the issues. Efficient lines of communication enhance productivity and allow for quick decision-making. Heads are involved in the day-to-day operations, which allow them to make decisions through the viewpoint of subordinates. This system helps in overall development, achievement of students which is beneficial for growth of the institute.

## **5. Evidence of success**

- Friendly interaction between teacher-student-parent.
- Academic performance is increased.

- Smooth conduction of the academics.
- Team spirit among faculty and students.

In spite of getting admission with good grades in higher secondary, few students are regular and hence their academic performance is hampered. After discussion with the student and their parents, the guardian faculty member gets aware of problems faced by the student. GFM helps the student to overcome the problems by continuous counseling in presence of their parents. As a result of this the student starts attending classes and score good grades.

### 6. Problems encountered and resource required

- Time constraint for completion of the activity due to variety of issues which vary from case to case.
- Getting Student & parent's responses: At initial stage students & parents are reluctant to share personal information of their ward.

### 7. Motivation

- From each class first 5 rankers are provided with book bank.
- Interaction between faculty and student is enhanced.
- Few students who are slow learners can cope in mainstream classroom.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

## 7.3 Institutional Distinctiveness

### 7.3.1 Describe/Explain the performance of the institution in one area distinctive to its vision, priority and thrust

#### Response:

#### *Training & Placement Cell for upliftment of rural students*

At the time of inception of insitute our chairman late Mr.B.A.Rupnarhas seen a vision to provide quality higher education in the technological field as well as excellent infrastructure for employable engineers in this rural area.

Maximum students admitted in FTC campus every year come from the rural background. Hence they face difficulty regarding English and especially English communication that is soft skill. Likewise FTC takes special efforts to enhance the soft skill of the students coming from the villages.

In order to implement the above attempt FTC has formed an individual T & P cell. T & P cell strives hard to make the students sound in soft skills. T & P cell undertakes various activities related to placement like-

1. Communication Skill
2. Personality Development
3. Aptitude Training
4. Interview Techniques
5. Resume Writing
6. Competitive Exam Preparation
7. Group Discussion Training
8. Expert Lecturers
9. Entrepreneur Development Program
10. Internship

Training & Placement cell maintains up-to-date data in respect of academic performance of all the students of our college in format(s) required by the industries.

Training & Placement Officer ensures that in house training sessions from various trainers be arranged for the students of Second year & Third year students to introduce the students to current market trends and their expectations from the freshers, and motivate them for personality development activities . Training & Placement cell ensures that one get-together of ALUMNIS is conducted every year in campus. Training & Placement cell arranges (EDP) Entrepreneur Development Program, with the help of experts/ Govt. bodies, at least once in a year. Which will be helpful to students for clear their doubts regarding establishment of their own start up.

In addition to placement, students are motivated for other competitive examinations (UPSC, MPSC etc.) for higher education such as GATE, GRE, TOEFL, GMAT, CAT etc. Training and refreshing of technical fundamentals is provided to enhance the employability, prepare students for entrepreneurship and prepare students for higher education in India as well as Abroad.

T & P cell so far with hard efforts and esteemed and reputed for the successful placement of students. Performance of students has significantly improved in both employability skills as well as the entrepreneurship skills.

File Description	Document
Any additional information	<a href="#">View Document</a>

## 5. CONCLUSION

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### **Additional Information :**

- State of art infrastructure equipped with all modern equipment's in remote area.
- We use satellite technology for innovative study.
- Information and Communications Technology enabled classrooms.
- Institute provides institute level scholarship/concessions for meritorious and economical weak students
- Institute having industrial backbone. So it is helpful for students to place/recruit as well as to get industrial sponsored projects.
- Pollution and ragging free environment.
- Institute is in drought zone still maintained green campus.
- Institute having Sewage treatment plant and RO plant.
- 1 BHK (24) and 2 BHK (12) lavish staff residence.

### **Concluding Remarks :**

Writing the SSR as per the format of NAAC has given us the opportunity to compile and understand the various aspects of quality education. To the best of our knowledge and understanding the report has been prepared and hopes to meet the expectations of NAAC committee for accreditation process in all aspects.