Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**FABTECH TECHNICAL CAMPUS, COLLEGE OF ENGINEERING AND RESEARCH**
Name of the head of the Institution	**Ravindra Bhimrao Shendge**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**09325866656**
Mobile no.	**8408888535**
Registered Email	**ftc.coer@gmail.com**
Alternate Email	**rbshendge@gmail.com**
Address	**Pandahrpur Road,Gat No**
City/Town	**SANGOLA**
State/UT	**Maharashtra**
Pincode	**413307**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Pathan Hamid**
Phone no/Alternate Phone no.	**08408888580**
Mobile no.	**9657204348**
Registered Email	**hameedpathan3@gmail.com**
Alternate Email	**professormadeeasy4u@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://www.fabtecheducation.com/DEPARTMENT/NAAC/AQAR2018-19/AQAR%20REPORT%202018-19_FTCOER_3_pdf.pdf

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	http://fabtecheducation.com/DEPARTMENT/NAAC/AQAR2018-19/Academic%20Calendar%202018-19.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
1	**B**	**2.20**	**2018**	**02-Nov-2018**	**01-Nov-2023**

6. Date of Establishment of IQAC	**26-Jun-2017**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by	Date & Duration	Number of participants/ beneficiaries

IQAC		
IQAC meeting held	09-Jan-2018 1	17
IQAC meeting held	07-Apr-2018 1	15
Academic audit	19-Nov-2019 1	15
[View File](#)		

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

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
No Data Entered/Not Applicable!!!				
[View File](#)				

9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	[View File](#)
10. Number of IQAC meetings held during the year :	**2**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	[View File](#)
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

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

• IQAC has formed a department review committee (DRC) to monitor the leaching learning process of the institution. • Various mechanisms and procedures were adopted to further improve the Quality of Academic Programmes ,such as Formation of yearwise student faculty committees. The committees to meet twice in a semester, records of minutes to be maintained, discussion to focus on syllabus coverage, internal assessment and any other matter. Paperwise result analysis to be submitted by departments along with • Follow up remedial measures which are then discussed in the IQAC. • Departments to work towards augmenting instituteindustry interface. • Promote skill development short term courses, students and faculty research projects

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

Plan of Action	Achivements/Outcomes
To promote outcome based education (OBE)	All the courses taught have been covered under outcome based education and each of the faculty have been required to work towards the achieving the targets set. Further the faculty is required to continuously improve the process to reach out to higher targets if the set targets have been achieved and analyse and initiate corrective action if the targets are not achieved.
Parent-Teacher interaction	Parent-Teacher interaction was Organized twice in 2018-19 in order to provide a platform through which the parents can interact and share their concerns with the faculty members directly. This interaction helped the faculty members to understand the students better and provided valuable feedback to enhance the teaching learning process in the college
Mentoring and Counselling committee and GFM	As per IQAC recommendations guardian faculty member pattern of the institution is carried out in which group of students is counselled and monitored The issues which generate stress, anxiety and sadness which in turn impacts the academic performance and productivity of students are solved through out the year .
No Files Uploaded !!!	

14. Whether AQAR was placed before statutory body ?	No
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
Date of Visit	02-Nov-2018
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2019

Date of Submission	24-Jan-2019
17. Does the Institution have Management Information System ?	**No**

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

The institute is approved by AICTE and affiliated to SPH Sholapur University and Dr Babasaheb Ambedkar Unversity, Lonere (DBATU). 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. The Curriculum delivery is planned and delivered to attain the Program Outcomes (POs) identified by each of the programs/departments aligned with POs as specified by NBA. The Institution has in place an Outcome Based Education (OBE) process. 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 .Time table is prepared according to university norms. Every faculty prepares object oriented teaching plan, question bank, The institute library provides enough books and other teaching materials like teaching models, journals, magazines. The digital library is main e-leaning 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 counselling and problem solving of students. The institute has department review committee for effective implementation of curriculum. The above process for record purposes is documented and preserved for further reference.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
nil	**nil**	**02/07/2018**	**02072019**	**nil**	**nil**

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BTech	**Discrete Mathematics**	**02/07/2018**
BTech	**Data Structures**	**02/07/2018**
BTech	**Computer Architecture & Organization**	**02/07/2018**
BTech	**Digital Electronics & Microprocessors**	**02/07/2018**

BTech	Basic Human Rights	02/07/2018
BTech	Python Programming	02/07/2018
BTech	HTML and Javascript	02/07/2018
BTech	Design & Analysis of Algorithms	02/07/2018
BTech	Probability & Statistics	02/07/2018
BTech	Operating System	02/07/2018
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	Fluid machinary and flud power	01/07/2018
BE	self learning -stress and coping	01/07/2018
BE	Experimental stress analysis	01/07/2018
BE	Automobile Engineering	01/07/2018
BE	Entrepreneurship Devlopment	01/07/2018
BE	Plastic Engineering	01/01/2019
BE	Production and Operation Management	01/07/2018
BTech	Interpersonal Communication Skill and Self Devlopment	01/01/2019
BE	Energy Audit & Management	01/07/2018
BE	Renewable Energy Sources	01/01/2019
BE	Self-Learning Module-I Economics	01/07/2018
BE	Self-Learning Module-II Electrical Safety	01/01/2019
BTech	Elective-I Electrical Engineering Materials	01/07/2018
BTech	Elective-II Electromagnetic Theory	01/01/2019
BTech	"Elective-III Introduction to Non-Conventional energy sources"	01/01/2019
Mtech	Elective-I Renewable Energy Systems	01/07/2018

Mtech	Elective-II Electrical Transients in Power System	01/07/2018
Mtech	"Elective-III Distributed generation and micro grid"	01/01/2019
Mtech	"Elective-IV Application of Power Electronics to Power System"	01/01/2019
Mtech	Elective-V(open) Research Methodology	01/01/2019
BTech	Object Oriented Programming in Java	01/07/2018
BTech	Soft Skills and Personality Development	01/07/2018
BE	Software Testing & Quality Assurance	01/07/2018
BE	Object Oriented Modeling & Design	01/07/2018
BE	Information Retrieval	01/01/2019
BE	Storage Area Network	01/01/2019
BE	self learning -stress and coping	01/07/2018
BE	Self learning I-stress and coping	01/07/2018
BE	Self learning II- Robotics	01/07/2018
BE	Wireless Sensor Network	01/01/2019
BTech	Product Design Engineering	01/01/2019
BE	Advanced concrete Technology	01/01/2019
BE	Optimization Techniques	01/01/2019
BE	Air pollution and controls	01/07/2018
BE	Advanced Design of concrete Structures	01/07/2018
BE	Ground Improvement Techniques	01/01/2019
BE	Design of bridges	01/01/2019

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	70	0

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Auto Cad	24/01/2019	70
Raspberry-pi python	18/02/2019	59
View File		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	Internships	177
BTech	internship	80
View File		

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained

The institution collects the feedback on curriculum aspects and courses from different stakeholders such as the students, alumni, Faculty and Employers. Institution established Academic Council in order to ensure and analyze the academic excellence at student and faculty levels. Periodical analysis is made by Academic Council from the following: student performance, faculty performance in every semester, utilization of infrastructure and requirements for quality enrichment. Institute collects the feedback physically from stockholders viz. Students, Parents and Teachers on Curriculum which is prescribed by the university, further college website invites all stockholder to provide feedback. The college conducts annual Alumni Meet, in which suggestions and feedback is received from Alumni students. Feedback is being obtained to evaluate the performance of the faculty inside the class room by his/her students twice during each semester. The academic flexibility embedded in the curriculum provides opportunities to students to pursue their interest by choosing from a vast number of pathways / electives from own area/specialization as well as from other areas Feedback from parents is taken during parents meets and during parents visit to HODs. Holistic development of students is ensured by participation of students in various sports, cultural and co-curricular activities organized throughout the year Feedback from alumni is taken during alumni meet arranged every year. The alumni appreciated the existing pattern of education, they suggested to give more stress to research activities, capacity building and skill training program and the action taken report were given below The students would participate in giving the feedback. A feedback to evaluate the facilities provided by the institution and the ambiance provided for student centric learning is obtained at the end of the program every year from the outgoing final year students. The results are analysed, corrective and preventive actions are initiated to overcome any flaw/s indicated by the said feedback. Also feedback are obtained from alumni towards their possible contribution to curriculum development/curriculum

enlargement/enrichment, to support our students in employment and creating an awareness of expectations of the industry in fresh.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BTech	UG-Civil	60	7	7
BTech	UG-CSE	60	12	12
BTech	UG-Elect	60	0	0
BTech	UG-E&TC	60	6	6
BTech	UG-Mech	120	7	7
Mtech	PG-Elect	24	9	9
Mtech	PG-Mech	24	6	6
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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	721	46	74	0	74

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
74	74	3	11	0	4
View File of ICT Tools and resources					
View File of E-resources and techniques used					

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Guardian Faculty Member (GFM) Scheme is available in college. 1. 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. 2. 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 consultations with HOD, teacher guardian gives the necessary punishment to student for improvement. Students mentoring system (GFM scheme) is to help student to acclimatize in the campus life in FABTECH. Teacher will communicate with students parent regarding to his/her studies, carrier planning and also addresses personal and academic issues.Because of nomination of individual teacher for fifteen to twenty students, teacher can emotional support to students and helping students to overcome home sickness on individual basis.GFM scheme is establishing rapport between teacher, student and parents.This mechanism of finding and solving the problem at starting which is academic or non-academic will help to avoid major issues.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
721	74	1:10

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
80	74	6	2	1

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	NIL	Assistant Professor	NIL
2019	NIL	Assistant Professor	NIL
View File			

2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BTech	675619110	Semester-I	30/11/2018	02/01/2019
BTech	675624210	Semester-I	30/11/2018	02/01/2019
BTech	675629310	Semester-I	30/11/2018	02/01/2019
BTech	675637210	Semester-I	30/11/2018	02/01/2019
BTech	675661210	Semester-I	30/11/2018	02/01/2019
BTech	675619110	Semester-II	24/05/2019	21/06/2019
BTech	675624210	Semester-II	24/05/2019	21/06/2019
BTech	675629310	Semester-II	24/05/2019	21/06/2019
BTech	675637210	Semester-II	24/05/2019	21/06/2019
BTech	675661210	Semester-II	24/05/2019	21/06/2019
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

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 Unit tests,Continuous Assessments, mid semester exams and end semester exams (F.E.to 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.GFM lecture is arranging one in a week to guide the students for problem at starting which is academic or non-academic will help to avoid major issues. are arranged for academically weaker and failed students for the improvement of their performance. The college organizes industrial visit, Guest lectures, 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. Reforms in Continuous Internal Evaluation (CIE) system The major evaluation reforms of the university that the college has adopted are as follows: • Academic coordinator take the progress report from the for every fort night and make changes accordingly. • 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. • 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.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

Academic Calendar: The Academic Calendar is prepared well in advance for the entire semester 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 UGPG 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 HoD 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. Teaching Plan: For every course the faculty members prepare a teaching plan consisting of Course Objectives, Course Outcomes, Number of hours required to complete each topic, unit, schedule of assignments etc. Evaluation Plan: Every semester, for every course two ISE and ESE are conducted. Industrial Visits: Every semester student technical visits are arranged by the department and coordinated guided by the respective course faculty.Industrial visits help them get idea professional world and gain hands on practical knowledge of the various relevant technologies existing in such industries. Guest Lectures: In order to offer our students latest insights into the emerging technologies and advancements and Experts from industry and academics visit the college to deliver expert talks to our students. Term Work Submission: According to scheduled date of submission in academic calendar, it is completed. It is to ensure that proper formatting proper output. 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

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 in website of the institution (to provide the weblink)

https://drive.google.com/file/d/1nVM5maBAaijvK_rzlnEHOj68M8qYRNog/view?usp=sharing

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
675619110	BTech	Civil	73	67	91.78
675624210	BTech	CSE	21	19	90.48
675629310	BTech	Elect	30	30	100
675637210	BTech	E&TC	42	42	100
675661210	BTech	Mech	53	50	100

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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

https://drive.google.com/file/d/1pM-nyOcdOOShtsEHFmRFlAu9s-qokzxq/view?usp=sharing

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
No Data Entered/Not Applicable !!!				

View File

3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Python Raspberry-Pi Training	ETC Engineering	18/01/2019
Auto CAD Design	Civil Engineering	24/01/2019

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Detection of Brain Tumour Based on	Miss. Pragtee B. Tathe	IJRULA	10/02/2019	Research Journal

Discrete Algorithms					
View File					

3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
No Data Entered/Not Applicable !!!					
View File					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
00	1500	00

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
Nil	0

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
No Data Entered/Not Applicable !!!			
View File			

3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Computer Science Engineering	2
View File	

3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
No Data Entered/Not Applicable !!!						
View File						

3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
No Data Entered/Not Applicable !!!						
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local

No Data Entered/Not Applicable !!!		
View File		

3.4 – Extension Activities

 3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
No Data Entered/Not Applicable !!!			
View File			

 3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
No Data Entered/Not Applicable !!!			
View File			

 3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
No Data Entered/Not Applicable !!!				
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3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
No Data Entered/Not Applicable !!!			
View File			

 3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
No Data Entered/Not Applicable !!!					
View File					

 3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
No Data Entered/Not Applicable !!!			

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
0	0

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Video Centre	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
Autolib (Delnet)	Fully	NG	2017

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	2789	900923	0	0	2789	900923
Reference Books	8485	3958156	77	49147	8562	4007303
e-Books	323	0	195	0	518	0
Journals	899	531318	79	63116	978	594434
e-Journals	1028	0	50	0	1078	0
Digital Database	9000	0	526	0	9526	0
CD & Video	790	0	0	0	790	0

Library Automation	1	65000	0	0	1	65000
			View File			

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
nil	nil	nil	30/12/2019
		View File	

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	571	310	430	20	20	20	60	32	0
Added	0	0	0	0	0	0	0	28	0
Total	571	310	430	20	20	20	60	60	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

<div align="center">

60 MBPS/ GBPS

</div>

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
nil	nil

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
6334000	5544400	17425000	14404374

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

Special staff members are appointed for up-keeping, updating and maintaining of the infrastructure. These staff members in-spite of their duty daily reports to the authority and if any, breakages found, and other up-keeping necessities are reported to the higher authority for get them corrected and for further direction. Maintenance of resources i. Equipment and machine maintenance of the basic support/upkeep work is re-appropriated according to the process characterized in ISO manual. The standard checking and control is the obligation and duty of support maintenance section. If anything is required during maintenance that will be communicated to higher authority through demand (requisition) slip. Records of hardware are kept up to date in stock registers

as indicated in Purchase Process ii. Machines are serviced intermittently or as and when required iii. Machines and measuring meters are checked/adjusted/calibrated during overhauling. General maintenance: I. Maintenance of A.C. plant is outsourced on AMC and Auditorium, cleaning and up-keeping is furnished by internal staffs and one from outside. ii. Class IV workers of the Institute under the supervision of the Admin Office done the work of cleanliness of class rooms, laboratories, study halls, research facilities, passage and staircase etc. Executive Compliance Officer inspects the cleanliness on surprise site visit. iii. Cleanliness of latrine, toilets and wash rooms has been done by the in-house-keeping personnel. IV. Fire extinguishers are re-filling once in a year. v. Internal staff members are periodically maintaining CCTV surveillance for smooth operation. VI. In-charge of Computer centre regularly looks after the ICT infrastructure. Every computer user shall understand and follow the rules, regulations and policies of cyber law of Government of India. Unauthorised modification of computer's hardware, software and passwords are strictly prohibited. The general policy for the sports complex shall be: Sport complex creates the schedule of various sports activities to be carried out during academic year. Sports activities are only allowed as per the prescribed schedule. All rights are reserved by authority of complex sports for holding tournaments, promotional events and permissions of sports related activities. Departmental maintenance: Technical staffs are appointed to maintain the maintenance of laboratory. If any of equipment becomes non-functional, they have report the issue to Lab in-charge and HOD. At the initial level, technical staff is going to fix the issues of concerned faulty equipment/kit/machine and if it is not possible to repair then outsourcing of services will be call for repair purpose. Computer Network Maintenance: There are number of computer systems and all systems are connected together with Local Area Network. A systems administrator and Network head with supportive staffs are appointed to take care and maintain the computer systems always functional.

https://assessmentonline.naac.gov.in/storage/app/hei/SSR/100097/4.4.2_1515489206_982.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Concessions in fees as per merit	167	810597
Financial Support from Other Sources			
a) National	Maharashtra Gov. Scholarships	621	24316069
b)International	0	0	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
electronics telecommunication (personal counselling and mentoring)	01/07/2018	102	gfm faculties

electrical engineering (personal counselling and mentoring)	01/07/2018	126	gfm faculties
mechanical engineering (personal counselling and mentoring)	01/07/2018	208	gfm faculties
civil engineering (personal counselling and mentoring)	01/07/2018	203	gfm faculties
computer science engineering (personal counselling and mentoring)	01/07/2018	73	gfm faculties
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2018	Guidance for Competitive Exam/ Career Counselling for MPSC/UPSC	120	125	0	0
[View File](#)					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
0	0	0

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
Fabtech Group	193	27	00	0	0
[View File](#)					

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2018	1	FTC, COER, Sangola	Electrical Engg.	FTC, COER, Sangola	Electrical Engg.
2018	1	FTC, COER, Sangola	E&TC Engg.	MIT, Pune	VLSI & ES
2018	0	FTC, COER, Sangola	Mechanical Engg.	0	0
2018	2	FTC, COER, Sangola	Civil Engg	Sandip University, Nashik	T&CP
2018	1	FTC, COER, Sangola	CSE Engg.	Orchid COE, Solapur	Structure

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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	0
GATE	0

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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Nakshatra 2018-19	Institution level	370

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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)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	0	National	0	0	0	0
2019	0	National	0	0	0	0

No file uploaded.

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

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 student's council for the institution is consisting 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 Secretory 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 secretory 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. Self-Study Report of Fabtech Technical Campus, College Of Engineering And Research 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

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

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. Reg. No. of Alumni: - Reg. No. Solapur/0000081/2017, Date: 09/10/2017) Alumni Association Name:- "FABTECH TECHNICAL CAMPUS MAJI VIDYARTHI KALYANKARI SANSTHA, SANGOLA" It is 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. Alumnis 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. 1) Pradeep Pawar President 2) Bile Pallavi Vice President 3) Santosh Kolekar Secretary 4) Prashant Gawade Vice Secretary 5) Ajit Gove Treasurer 6) Mrunmayi Raut Member 7) Kondubairi Prachi Member

5.4.2 – No. of enrolled Alumni:

213

5.4.3 – Alumni contribution during the year (in Rupees) :

213000

5.4.4 – Meetings/activities organized by Alumni Association :

An alumni Association meeting was conducted in 2018-19

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

- The college prepare financial budget at the beginning of the year. This is prepared by office administrative head and is with consultation of all departmental heads. Accordingly it is verified by the college principal and is sent for sanction to the management. At management level the budget is approved and necessary action is carried out. • The management authorities regularly undertake the review of working of the college in its working committee meeting. The necessary guidance and directives are issued through these meetings. Periodical reviews are undertaken by the top management. So there is a good support from the management relating to the implementation of the objectives specially designed to attain quality teaching and learning aspects of the college. • Every employee at all levels has an opportunity to contribute his/her innovative ideas leading to improve process and hence higher quality results.

6.1.2 – Does the institution have a Management Information System (MIS)?

No

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Curriculum Development	The curriculum is prescribed by the parent university Dr. Babasaheb Ambedkar Technological University (DBATU). The revised curriculum which is effective for the academic year July 2018-19has been approved in the 11th

	meeting of Academic Council. The institution encourages our faculty/department to contribute to enrich the curriculum during the course of its revision. This is carried out by communicating with the university during the process of preparing and finalizing the revised / new curriculum. Further, the institution captures the data pertaining to the curriculum/syllabus by obtaining well-articulated feedback by the alumni once a year as well as the students during the final year of their course. The consolidated recommendations are forwarded to the university to be used in enlarging, enriching and updating the content to meet the current trends in the industry.
Teaching and Learning	The institution has been following student-centric Teaching and Learning Methods for the years. The faculty continuously improve the delivery system by adapting the PDCA (Plan, Deliver, Check, Act) cycle. The faculty identifies outcomes to be realized by the students after completing the course. They carefully design the delivery content, student participation activities and the assignments to be completed by the students during the semester for every subject. Then they go about implementing their plan to the last detail. Continuous evaluation of the progress made by the students has been adopted. As a part of the continuous evaluation process, three internal assessment tests are conducted by the faculty. For the assessment of practical skills acquired by the students for a particular subject are evaluated using mock practical tests resembling final practical tests. The institution has adapted to put into practice a novel idea in the teaching-learning process for the upcoming semester. The innovative exercise has been implemented in the collaboration and guidance of BodhiTree, an IITB initiative. BodhiLab is a lab support program in which faculty and staff of IIT Bombay will provide the support for conducting laboratory assignments for the subjects that our faculty are teaching. The implementation has been limited to only a few specific subjects on an experimental basis. Various teaching aids and platforms governed by

	MHRD will also be used as 1. NPTEL online courses 2. vlabs.co.in- a virtual labs initiative which aims to provide remote-access to Labs in various disciplines of Science and Engineering. These Virtual Labs would cater to students at the undergraduate level, postgraduate level as well as to research scholars. 3. fossee.in- FOSSEE (Free/Libre and Open Source Software for Education) project promotes the use of FLOSS tools to improve the quality of education in our country. The aim is to reduce dependency on proprietary software in educational institutions.
Examination and Evaluation	The institution has aimed to adopt an Outcome-Based Education (OBE) system. 1) The faculty evaluates the levels of examination questions set by the university for Semester End Examination (SEE) and identify the gaps to be made up to meet the requirements of Course Outcomes (COs). The gap is made up through the internal assessment tests where the questions are set at different levels of Bloom's Taxonomy. 2) Also the faculty in each subject supplement the content together with assignments to be completed by students to augment the prescribed syllabus so as to meet the requirements of Program Outcomes (POs). Hence a continuous effort is being exercised to add value to our students and prepare them to meet the current needs of the industry. A system similar to conducting university semester-end examinations has been implemented in this academic year to administer uniformity for conducting internal evaluation tests that would incidentally be accountable for measuring course outcome achievements and hence program outcome achievements. The institution has planned to use SAFE for conducting internal assessments SAFE stands for Smart, Authenticated, Fast Exams which provides facilities such as, - Continuous assessment through short quizzes where teachers can conduct short quizzes, as easy as asking a verbal question in class. These help in instant feedback to the student as well as the teacher. - Easy, paper-free objective exams which avoid the hassle of printing and manual evaluation. With SAFE, conducting objective exams is paper-free and cheating-free.

Research and Development	Faculty members are encouraged to attend AICTE approved Faculty Development Programmes (FDP) provided through SWAYAM and NPTEL. The institute also supports teachers to attend the short term training program (STTP) in person offered by renowned institutes. The research policy of the institution will be reviewed annually and published to all faculties. The revised policies are encouraging in terms of direction and quality of research, workload, reimbursement of expenses and support grants.
Library, ICT and Physical Infrastructure / Instrumentation	The digital library has been reinforced with the latest version of computers. An online public access catalog (often abbreviated as OPAC or simply library catalog) which is an online database of materials held by the library. Students/teachers can search in the library catalog principally to locate books and other material available at a library. The OPAC system has been implemented in the central library. During the exam periods, library working hours are extended so as to facilitate students the access to the reading materials. Reading -room facility is also provided for studying in extra hours than college time. Computer laboratory for first-year students is being revamped with new computing systems and furniture. The laboratories in Computer Science and engineering departments will be renovated and refurbished.
Human Resource Management	As a part of Quality Improvement programme, review and enhancement of HR policies and procedures of the institution has been completed and an updated and comprehensive HR framework would be in place before the beginning of the academic year 2019-20. FDP on Core skills.
Industry Interaction / Collaboration	The institution has deep relations with industry as it was established as a part of CSR activity of Fabtech Projects Pvt. Ltd. It aims to provide an overall development that nurtures students towards strong and focus human beings and to empower them with sound knowledge, wisdom, experience and training both at academic level of engineering and in the highly competitive global industrial market. The institution continues to propagate

	industry connect through: 1) Technical talks / Invited seminars 2) Industry visits/tours 3) Students' project work/internships 4) MOU(Memorandum of Understanding)
Admission of Students	**The following strategies are being adopted to enhance admission quality: 1) Prospective talented 12th students will be selected and offered a merit scholarship. There is a beneficial fee concession (100 percent/50 percent) plus mentoring in the industry which improves the quality of admission. 2) Significant overall progress in the teaching-learning process, research and technology has been introduced to highlight the enhanced engineering and management system. Bridge courses in mathematics, physics, and communicative English are offered to improve the quality of incoming fresher.**

6.2.2 – Implementation of e-governance in areas of operations:

E-governace area	Details
Finance and Accounts	**The institution has been using competent software to maintain and manage the inflow and outflow of the finances. The accounting starting from the foundation entries till production of statement of accounts and financial reports required for strategic management, in particular strategic planning are being produced through usage of software.**

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	**Mr.S.S. Nikate**	**Twelth National Space science symposium**	**-**	**1000**
2019	**Mr. S.R. Mali**	**Recent Trends in Social science**	**-**	**750**
		View File		

6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional	Title of the administrative	From date	To Date	Number of participants	Number of participants

development programme organised for teaching staff	training programme organised for non-teaching staff			(Teaching staff)	(non-teaching staff)
No Data Entered/Not Applicable !!!					
[View File](#)					

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
No Data Entered/Not Applicable !!!				
[View File](#)				

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
39	**35**	**0**	**71**

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
NIL	**NIL**	**Students: By Institute – Concession in fees as permits – (167 students) - Amount - 8,10,597/- and By Maharashtra gov. – (621 students) Amount- 2,43,16,069/-**

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

The institution has established a system to audit all the financial transactions by both internal auditors and auditors of external agency. The internal auditor checks receipts with fee receipts and payments with vouchers and necessary supporting documents. The books of accounts and the supporting evidences are subjected to both internal and external audit. The internal audit practices to monitor financial management of the institution ensure sound financial health of the institution. The external auditor conducts statutory audit at the end of financial year. The report of external auditor for two years along with audited Balance Sheet and Income and Expenditure account is enclosed. The last external audit has been concluded up to 31st March, 2019 and the internal audit has been concluded up to 30th September, 2019. 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 major objections surfacing out of both internal and external audit. o FINANCIAL YEARLY AUDIT 1. Fabtech Technical Campus :- March 2019 Total Rs. 83,413,262/- 2. Fabtech Technical Campus :- March 2018 Total Rs. 70,836,294/-

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Unnat Bharat Abhiyan	50000	Unnat Bharat Abhiyan
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6.4.3 – Total corpus fund generated

50000

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	Nill	Yes	IQAC
Administrative	Yes	Chartered accountant	No	Nill

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

NIL

6.5.3 – Development programmes for support staff (at least three)

1) Technical workshop to conduct lab as and when the syllabus changes 2) Refresher course on usage of software tools 3) Personality development program

6.5.4 – Post Accreditation initiative(s) (mention at least three)

1) Revised set of HR Policies for sourcing, recruitment, maintenance and retention. 2) Renovation and addition of physical and IT infrastructure, modernization of existing laboratories and establishing new laboratories in line with industry's requirements. 3) Motivating and supporting entrepreneurial drive amongst students by establishing GFM- Guardian Faculty Member.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	No
c)ISO certification	Yes
d)NBA or any other quality audit	No

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	Workshop on "Outcome based learning approach in Higher education	01/06/2018	01/06/2018	02/06/2018	21
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Self defense for women organised by NSS	13/08/2018	15/08/2018	35	15

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
Response: 5.38

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	2
Ramp/Rails	Yes	2
Rest Rooms	Yes	2
Scribes for examination	Yes	2

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	6	6	15/08/2018	1	Independence day	National festival	150
2018	6	6	25/06/2018	1	Blood Donation	Blood Donation	100
2018	6	6	25/06/2018	1	Terrorism opposition act	Terrorism opposition act	115
2018	6	6	21/06/2018	1	International yoga day	International yoga day	53
2018	6	6	13/09/2018	10	Ganpati Festival	Ganpati Festival	100
2019	6	6	26/01/2019	1	Republic day	National festival	90

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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
HR Manual	30/01/2018	CODE OF CONDUCT (HANDBOOKS) FOR VARIOUS STAKHOLDERS Knowledge gives enlightenment, empowerment and means of rising in the social hierarchy. Teachers form an enlightened community involved in creation, preservation and dissemination of knowledge. Hence, they should be deeply committed to use academic freedom. The profession of teaching is vested by the society with trust and the highest ideals of professional service and dignity as setting the foundation for knowledge. The commanding of the respect and confidence of the colleagues, students, parents, and, in general, of the society needs the highest possible degree of ethical and professional conduct. Teachers are committed to values, democratic society -freedom to teach, write debate and study in a healthy and conducive atmosphere. The reputation of a Institute depends strongly on the quality of its teachers, students and performance of the graduates in rest of the world. The University/affiliated Institute or College is only as strong as its human resources. Teachers should recognize the importance of the pursuit of truth, and devotion of excellence. They accept the responsibility of the highest ethical standards. They make determined efforts to foresee the implications and consequences of their scholarly and scientific

work. Hence, teachers work hard to raise the professional standards and to promote a healthy academic Environment. In the current era of access to the information to anyone, anytime and anywhere, teachers need to become mentor and inspirational source. The College shall provide an environment of equal opportunity, free from any discrimination, for faculty members.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Independence day	15/08/2018	15/08/2018	150
Blood Donation	25/06/2018	25/06/2018	100
Terrorism opposition act	25/06/2018	25/06/2018	115
International yoga day	21/06/2018	21/06/2018	53
Ganpati Festival	13/09/2018	23/09/2018	100
View File			

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Students, staff using a) Bicycles b) Public Transport c) Pedestrian friendly roads • Plastic-free campus • Paperless office • Green landscaping with trees and plants 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 verities 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 lossand 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 promotesfor 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. Swach 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.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practices 1 Fabtech First Year study Activity 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 ntention is to reduce dropout per year. Best Practice 2: ACADEMIC MULTI-MONITORING SYSTEM 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-socialtechnical 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. Evidence of success Friendly interaction between teacher-student-parent. Academic performance is increased. Smooth conduction of the academics.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

http://www.fabtecheducation.com/DEPARTMENT/NAAC/AQAR2018-19/7.2.zip

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

.'Fee waiver scheme and financial support to student activities' Vision of the Institution is, To be the prime institute of professional education and research in the benefits of the society.Institution consistently inspires students and provides platform for technical skill development, multidisciplinary project development, Entrepreneurship development, Ethical and Human value development. With the trust ofacademic and technical excellence, Institution motivate and support students to participate in various National and International competitions like MESA, CESA, PROJECT EXHIBITION. Consistent participation and evidences of success proves distinctiveness of the Institution across the globe. Students learn ethics, team building, technical skills, presentation skills, project management and financial management they also experience their physical strength, healthy competitional environment and global standards by participating in globally recognized competitions. Institution not only encourages students to participate but also provides financial support. Financial Support Provided by Institution during A.Y. 2018-19: Sr. No. Event Institution Funding in Rs. 1 Fee Waiver Scheme 578957/- 2 Cultural Activities 84796/- Total Funding Rs.663753/-

Provide the weblink of the institution
http://www.fabtecheducation.com/DEPARTMENT/NAAC/AQAR2018-19/7.3.zip

8.Future Plans of Actions for Next Academic Year

The Institute is committed to excellence in all spheres of its activities, and through internal and external reviews, and will work towards continuous improvement. The Institute will recognize exceptional efforts through awards and honors Research and teaching shall be carried out in an environment of academic freedom and honesty. The Institute will adhere to the highest standards of ethics in all its activities. Educating high quality manpower with the required skills and knowledge at both undergraduate and postgraduate levels. Being a source of innovation leading to solution of local problems, development of new products, processes, and formation of new businesses, leading to wealth and employment generation. To facilitate students and teachers with ICT enabled teaching and learning tools within the institution. To make and encourage faculties to do research and making flexible policies for sponsor ships To join hands to industries through MOUs and enhance research laboratories within campus.