



SELF STUDY REPORT

FOR

2nd CYCLE OF ACCREDITATION

SAMRAT ASHOK TECHNOLOGICAL INSTITUTE

CIVIL LINES, SAGAR ROAD

464001

www.satiengg.in

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

July 2021

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Samrat Ashok Technological Institute, a premier institute of the region was established by Late Maharaja Jiwaji Rao Scindia on November 1, 1960 with a donation from Gangajali Trust fund. The Institute started with B.E. in Civil Engineering, Mechanical Engineering & Electrical Engineering. Now the Institute offers 8 full time Under Graduate leading to degree in Bachelor of Engineering and 9 full time Post Graduate Courses (06 ME/M.Tech., MCA, MBA And M.Sc. in Applied Chemistry) in the areas of Engineering, Science and Management. It is an autonomous institute, which is Grant in Aid by Government of Madhya Pradesh and managed by the Maharaja Jiwaji Rao Education Society chaired by Hon'ble Shrimant Jyotiraditya M. Scindia. The college campus is spread over an area of 85 acres of lush green land with natural surroundings.

Vision

To contribute towards service and development of the mankind, through quality education and research in the area of Science, Technology and Management.

Mission

To create quality manpower equipped with technical skills, social values, leadership, creativity, and innovation for the benefits, betterment of mankind and sustainable development of the nation.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

Following are the few strengths:

1. Strong Alumni base across the globe.
2. Long standing of academic excellence.
3. Blend of experienced and young faculty members.
4. Sound infrastructure and conducive ambience for learning.
5. Well connected via rail, road and air.

Institutional Weakness

1. Have to depend on Govt. for finances.

2. Low R&D and consultancy.

Institutional Opportunity

1. Can be developed into a University.
2. The centres of excellence can lead to some breakthrough product development.

Institutional Challenge

1. To improve upon its placements and revenue.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

Institute is an Autonomous Institute and working within the framework of its Affiliating University RGPV, Bhopal). Curriculum development is done as per the need of industry and society after feedback from various stakeholders. The design and development of the curriculum also depend on the standard guidelines of AICTE, and affiliating University which is governed by government policies. Revision of the curriculum is done periodically as per the feedback of stakeholders and the requirement of outcome-based education (OBE) followed in our institute. Institute has Board of Studies in each subject comprising of subject experts, students, alumni as members. The BoS meets on regular basis. The recommendations are discussed in academic council and approved.

Institute plans its own academic calendar keeping in view with various co-curricular activities and space for internship, industrial training for students, sports and cultural activities, Tech Fest and annual function.

Teaching-learning and Evaluation

Outcome based education system is followed. Primarily class room teaching mode is adopted supplemented by e lecture delivery, usage of ICT sources. mid semester test and final examination are taken to evaluate student performance. Equal emphasis is given to laboratory and tutorial sessions also to evaluate the learning of a student. Continuous evaluation is done on the basis of mid semester, end semester exam, laboratory performance, quiz and tutorials. Credit system is adopted.

The examination section uses the software (Academia) to manage examination systems on-line starting from students' enrolment to issue of mark-sheets and provisional certificates.

Research, Innovations and Extension

Faculty is constantly motivated for qualification upgradation, research and academics. Various Training / FDPs/ STTPs/ Workshops etc are attended by the faculty/ staff and students at IITs, NITs and other reputed Institutes for continuous learning process.

Funds from TEQIP – II and III were made available to faculty and students to pursue their research ideas. Collaborative research activities with mentor Institute i.e. VNIT Nagpur under twining activity is made to improve R& D in the Institute. Few new Centre of excellence are planned to take up innovative research projects leading to patent and product. Over the last four years these efforts have led to registering for few patents and good quality of research publications.

Institute has subscription of several reputed research journals and procured TURNITIN software to check plagiarism.

Infrastructure and Learning Resources

The institute has adequate infrastructure and physical facilities for proper teaching-learning process. The institute has classroom with good ambience, well equipped laboratories with supporting staff and good number of recent computers with latest software. Most of the classrooms have white board with LCD projector and are WiFi enabled. Apart from using white board, the faculty use PowerPoint presentations and videos, online contents for better concept illustration to students. The laboratories are well equipped and properly maintained and has sufficient and qualified personnel to assist the laboratory sessions. Every department has its own departmental computer center and has sufficient number of recent generation computer systems and program specific software. Apart from it, the institute has central computer center, with 120 numbers of recent computer systems, servers and software. This central facility has power backup, fully networked, with high speed LANs and a capable firewall for monitoring the internet traffic of entire campus network for cyber security and protection against cyber threats.

The Institute library has a rich collection of e books, books, e journals and continuous procurement is done to add new titles in library.

Student Support and Progression

Most of the students from SC/ST and OBC category are provided scholarships by the state Government.

Students are also sent to various Internships/Workshops/programmes etc at IITs, NITs and other reputed Institutes for industrial and academic exposure.

A Tutor Guardian Scheme has been developed for students counseling & guidance. Under this scheme, maximum 20 students are assigned to a faculty member and to some senior students who acts as Tutor guardian to solve their problems and guide them to choose the right direction for their future.

Governance, Leadership and Management

The key feature of the institute's vision is the service and development of the mankind. By providing quality education at an affordable fee the institute is serving the society. Also, fifty percent of the students are from socially and economically background. Apart from this, Vidisha district being a small town with majority of its population coming from the rural area, students are also from the rural background. Right since its inception the institute is creating quality manpower and has contributed significantly in the nation building during the initial years of the post-independence era and also continuing with this practice in the current age of fourth industrial revolution. Our rich alumni base and the recent placement figures are indicative of our dedication towards achievement of our mission and vision. For efficient and smooth functioning our administrative set up has been decentralized. The apex body for the administration is the Board of Governors. Descending down the decentralization has been ensured by delegating the powers to the Managing Committee, Academic Affairs Committee and the Proctorial Board. Furthermore, the participative management is complemented by sharing powers and responsibilities with Deans, Co-Deans, HoDs and Professor-In-Charges of different sections.

Every department is authorized to create own research groups and decide on the roadmap for next five years. Except for I year every Department is given autonomy for planning its own lecture schedule and course contents. Advice on Institutional development is taken periodically by the management of the Institute. For procurement of equipments and creating new facilities, funds are utilized on the basis of recommendations of the Departments. The Board of Governors held its meeting periodically in which two teaching faculty members are also invited to give their inputs.

In academic bodies viz. Board of Studies and Academic Council, representative of students, alumni, industry experts i.e. all the stake holders are invited to provide inputs.

Institutional Values and Best Practices

1. **Well Planned Academic Calendar:** Semester academic calendar planned in advance with mid-sem interventions and details of all the activities going to be held in the upcoming sessions.
2. **Student Mentorship through faculty and senior students:** New Tutor Guardian Scheme has been developed for students counseling & guidance. Under this scheme, maximum 20 students are assigned to a faculty member and to some senior students who acts as Tutor guardian to solve their problems and guide them to choose the right direction for their future.
3. Several initiatives regarding ecofriendly campus viz. creation of a pond, muge plantation drives, usage of energy efficienct lighting viz LED, paperless communication amongst staff and faculty etc.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	SAMRAT ASHOK TECHNOLOGICAL INSTITUTE
Address	Civil Lines, Sagar Road
City	Vidisha
State	Madhya Pradesh
Pin	464001
Website	www.satiengg.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Director	J.s.chauhan	07592-250121	9826244840	07592-250124	director@satiengg.org
IQAC / CIQA coordinator	Ashish Manoria	07592-250296	9425463722	07592-000000	ashishmanoria@hotmail.com

Status of the Institution	
Institution Status	Grant-in-aid

Type of Institution	
By Gender	Co-education
By Shift	Day

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details	
Date of Establishment, Prior to the Grant of 'Autonomy'	01-11-1960

Date of grant of 'Autonomy' to the College by UGC	29-05-2015			
University to which the college is affiliated				
State	University name	Document		
Madhya Pradesh	Rajiv Gandhi Proudyogiki Vishwavidyalaya	View Document		
Madhya Pradesh	Barkatullah University	View Document		
Details of UGC recognition				
Under Section	Date	View Document		
2f of UGC	30-08-2013	View Document		
12B of UGC	30-08-2013	View Document		
Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)				
Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
AICTE	View Document	15-06-2020	12	Extension of Approval from AICTE for the next session is expected soon

Recognitions	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	Yes
If yes, name of the agency	TEQIP II and III
Date of recognition	09-01-2013

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Civil Lines, Sagar Road	Urban	85	38100

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BE,Computer Science And Engineering	48	XII	English	139	139
UG	BE,Civil Engineering	48	XII	English	71	71
UG	BE,Mechanical Engineering	48	XII	English	139	118
UG	BE,Electrical Engineering	48	XII	English	69	68
UG	BE,Electronics Instrumentation Engineering	48	XII	English	139	62
UG	BE,Electronics And Communication Engineering	48	XII	English	69	69
UG	BE,Artificial Intelligence Data Science	48	XII	English	69	69
UG	BE,Internet Of Things	48	XII	English	69	69
UG	BVoc,Applied Mathematics	36	XII	English + Hindi	25	0

	And Computer Science					
UG	BVoc,Applied Mathematics And Computer Science	36	XII	English + Hindi	25	0
UG	BVoc,Workshop	36	XII	English + Hindi	25	0
UG	BVoc,Workshop	36	XII	English + Hindi	25	0
PG	ME,Computer Science And Engineering	24	B.Tech.	English	18	4
PG	ME,Civil Engineering	24	B.Tech.	English	18	18
PG	ME,Civil Engineering	24	B.Tech.	English	18	5
PG	ME,Civil Engineering	24	B.Tech.	English	18	18
PG	ME,Mechanical Engineering	24	B.Tech.	English	18	4
PG	ME,Electrical Engineering	24	B.Tech.	English	18	4
PG	MSc,Applied Science	24	B.Sc.	English	25	16
PG	MBA,Humanities And Management	24	U.G..	English	60	31
PG	MCA,Applied Mathematics And Computer Science	24	U.G.	English	30	14

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	21				8				66			
Recruited	18	3	0	21	8	0	0	8	25	5	0	30
Yet to Recruit	0				0				36			
Sanctioned by the Management/Society or Other Authorized Bodies	0				0				65			
Recruited	0	0	0	0	0	0	0	0	41	21	0	62
Yet to Recruit	0				0				3			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				120
Recruited	105	15	0	120
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				80
Recruited	74	5	0	79
Yet to Recruit				1

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				30
Recruited	29	1	0	30
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				7
Recruited	7	0	0	7
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	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.	18	3	0	3	0	0	11	2	0	37
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	5	0	0	14	3	0	22

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	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	13	5	0	18
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	27	17	0	44

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	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

Details of Visting/Guest Faculties					
Number of Visiting/Guest Faculty engaged with the college?	Male		Female		Total
	7		0		7

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

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	473	23	0	0	496
	Female	166	3	0	0	169
	Others	0	0	0	0	0
PG	Male	79	0	0	0	79
	Female	37	0	0	0	37
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years						
Programme		Year 1	Year 2	Year 3	Year 4	
SC	Male	263	246	275	272	
	Female	104	100	88	73	
	Others	0	0	0	0	
ST	Male	162	131	136	117	
	Female	54	48	40	36	
	Others	0	0	0	0	
OBC	Male	469	492	542	550	
	Female	151	154	172	155	
	Others	0	0	0	0	
General	Male	693	652	596	572	
	Female	292	277	238	201	
	Others	0	0	0	0	
Others	Male	0	0	0	0	
	Female	0	0	0	0	
	Others	0	0	0	0	
Total		2188	2100	2087	1976	

2.3 EVALUATIVE REPORT OF THE DEPARTMENTS

Department Name	Upload Report
Applied Mathematics And Computer Science	View Document
Applied Science	View Document
Artificial Intelligence Data Science	View Document
Civil Engineering	View Document
Computer Science And Engineering	View Document
Electrical Engineering	View Document
Electronics And Communication Engineering	View Document
Electronics Instrumentation Engineering	View Document
Humanities And Management	View Document
Internet Of Things	View Document
Mechanical Engineering	View Document
Workshop	View Document

Extended Profile

1 Program

1.1

Number of programs offered year-wise for last five years

2019-20	2018-19	2017-18	2016-17	2015-16
15	20	22	26	26
File Description		Document		
Institutional data in prescribed format		View Document		

1.2

Number of departments offering academic programmes

Response: 12

2 Students

2.1

Number of students year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
820	703	637	707	646
File Description		Document		
Institutional data in prescribed format		View Document		

2.2

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

2019-20	2018-19	2017-18	2016-17	2015-16
515	543	515	537	517
File Description		Document		
Institutional data in prescribed format		View Document		

2.3**Number of students appeared in the examination conducted by the Institution, year-wise during the last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
2193	2254	2403	2249	2556
File Description		Document		
Institutional data in prescribed format		View Document		

2.4**Number of revaluation applications year-wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
0	265	185	172	167

3 Teachers**3.1****Number of courses in all programs year-wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
412	502	566	657	657
File Description		Document		
Institutional data in prescribed format		View Document		

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

2019-20	2018-19	2017-18	2016-17	2015-16
95	95	95	95	95
File Description		Document		
Institutional data in prescribed format		View Document		

3.3

Number of sanctioned posts year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
95	95	95	95	95
File Description		Document		
Institutional data in prescribed format		View Document		

4 Institution**4.1****Number of eligible applications received for admissions to all the programs year-wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
820	703	638	707	674
File Description		Document		
Institutional data in prescribed format		View Document		

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

2019-20	2018-19	2017-18	2016-17	2015-16
312	312	312	312	312
File Description		Document		
Institutional data in prescribed format		View Document		

4.3**Total number of classrooms and seminar halls****Response: 35****4.4****Total number of computers in the campus for academic purpose****Response: 618**

4.5

Total Expenditure excluding salary year-wise during last five years (INR in Lakhs)

2019-20	2018-19	2017-18	2016-17	2015-16
180.44	79.04779	157.9899	275.78	224.95

NAAC

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curriculum Design and Development

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

Response:

Curriculum development is a very important activity of any academic institute. It is developed as per the need of industry and society after feedback from various stakeholders. The design and development of the curriculum also depend on the standard guidelines of AICTE, which is governed by government policies. Revision of the curriculum is done periodically as per the feedback of stakeholders and the requirement of outcome-based education (OBE) followed in our institute.

1.1.2 Percentage of Programmes where syllabus revision was carried out during the last five years.

Response: 34.62

1.1.2.1 Number of all Programmes offered by the institution during the last five years.

Response: 26

1.1.2.2 How many Programmes were revised out of total number of Programmes offered during the last five years

Response: 9

File Description	Document
Minutes of relevant Academic Council/BOS meeting	View Document
Details of program syllabus revision in last 5 years(Data Template)	View Document

1.1.3 Average percentage of courses having focus on employability/ entrepreneurship/ skill development offered by the institution during the last five years

Response: 5.76

1.1.3.1 Number of courses having focus on employability/ entrepreneurship/ skill development year-wise during the last five years..

2019-20	2018-19	2017-18	2016-17	2015-16
45	44	43	5	5

File Description	Document
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View Document
Average percentage of courses having focus on employability/ entrepreneurship(Data Template)	View Document

1.2 Academic Flexibility

<p>1.2.1 Percentage of new courses introduced of the total number of courses across all programs offered during the last five years.</p> <p>Response: 4.27</p>	
<p>1.2.1.1 How many new courses are introduced within the last five years</p> <p>Response: 37</p>	
<p>1.2.1.2 Number of courses offered by the institution across all programmes during the last five years.</p> <p>Response: 867</p>	
File Description	Document
Minutes of relevant Academic Council/BOS meetings	View Document
Institutional data in prescribed format	View Document
<p>1.2.2 Percentage of Programmes in which Choice Based Credit System (CBCS) / elective course system has been implemented (Data for the latest completed academic year).</p> <p>Response: 33.33</p>	
<p>1.2.2.1 Number of Programmes in which CBCS / Elective course system implemented.</p> <p>Response: 5</p>	
File Description	Document
Institutional data in prescribed format	View Document
Link for Additional Information	View Document

1.3 Curriculum Enrichment

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

Response:

The holistic development of students is the main purpose of the curriculum. To serve this purpose, the curriculum must have some added courses and activities other than its discipline. This contributes to sensitizing students to cross-cutting issues relevant to the current pressing concerns both nationally and internationally such as gender, environment and sustainability, human values and professional ethics, development of creative and divergent competencies. We provide a wide range of such value-added courses for students to choose from according to their interests and inclinations.

1.3.2 Number of value-added courses for imparting transferable and life skills offered during last five years.

Response: 124

1.3.2.1 How many new value-added courses are added within the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
23	23	30	24	24

File Description

Document

List of value added courses (Data Template)

[View Document](#)

1.3.3 Average Percentage of students enrolled in the courses under 1.3.2 above.

Response: 215.22

1.3.3.1 Number of students enrolled in subject related Certificate or Add-on programs year wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
1380	1380	1815	1440	1440

File Description	Document
List of students enrolled	View Document

1.3.4 Percentage of students undertaking field projects/ internships / student projects (Data for the latest completed academic year)

Response: 216.59

1.3.4.1 Number of students undertaking field projects / internships / student projects

Response: 1776

File Description	Document
List of programs and number of students undertaking field projects / internships / student projects (Data Template)	View Document

1.4 Feedback System

1.4.1 Structured feedback for design and review of syllabus – semester-wise / year-wise is received from 1) Students, 2) Teachers, 3) Employers, 4) Alumni

Response: E. None of the above

1.4.2 The feedback system of the Institution comprises of the following :

Response: E. Feedback not obtained

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average Enrolment percentage (Average of last five years)

Response: 71.38

2.1.1.1 Number of students admitted year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
660	565	621	704	749

2.1.1.2 Number of sanctioned seats year wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
733	872	911	1085	1085

File Description

Institutional data in prescribed format (Data Template)

Document

[View Document](#)

2.1.2 Average percentage of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy) during the last five years (exclusive of supernumerary seats)

Response: 100

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

2019-20	2018-19	2017-18	2016-17	2015-16
312	312	312	312	312

File Description

Institutional data in prescribed format

Document

[View Document](#)

2.2 Catering to Student Diversity

2.2.1 The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners

Response:

The institution assesses the learning levels of students on the basis of previous semesters results, continuous evaluation of performance by tutorials, midsem tests (I & II) and also by presentation in seminar and unitwise assignments.

The Institute organises the special programmes to take up slow/weaker students like remedial classes, evening classes, facilities of e-library to enhance technical skills, soft skills and others.

The institute motivates advanced learners to attend/participate in NPTEL, SWYAM programmes to get extra credits, to prepare and present research papers.

The institute also arranges many times the diagnostic test like AMCAT for assessing logical reasoning, quantitative skills, leadership skills, managerial skills, technical skills, soft skills to assess the students' learning levels.

2.2.2 Student - Full time teacher ratio (Data for the latest completed academic year)

Response: 8.63

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:

The scheme of courses and curriculums are designed in such a way to cover experimental learning, participative learning and problem solving methodologies along with the theory contained in the subjects.

The students have to do the practicals in the respective laboratories to cover the experimental learning.

The students have to be presented with seminars, tutorials and minor projects to cover the participative learning.

The students have to be carried out minor and major project works by taking a problem for developing the design and analysis or to develop the design and fabrication accordingly.

Also, the students enhance their experimental and problem solving learning by participating through joining the internship in industries/companies/institutes.

2.3.2 Teachers use ICT enabled tools including online resources for effective teaching and learning process.**Response:**

The teachers are using following information communication techniques for effective teaching and learning process:-

- Using the online teaching techniques with recording facilities and also these recording lectures shared with students for further learning.
- The classes are equipped with Smartboard connected to LAN for effective teaching.
- The classes are equipped with LCD projectors to connect with laptops for effective teaching.
- The teachers are provided the tablet to demonstrate/making drawing, sketches, mathematical problem for effective learning process.
- Also using NPTEL, SWAYAM platforms to enhanced the teaching and learning process.

2.3.3 Ratio of students to mentor for academic and other related issues (Data for the latest completed academic year)

Response: 8.63

2.3.3.1 Number of mentors

Response: 95

File Description	Document
Upload year wise, number of students enrolled and full time teachers on roll	View Document

2.3.4 Preparation and adherence of Academic Calendar and Teaching plans by the institution**Response:**

Academic calendar is prepared and approved by the Academic Council of the Institute. The academic calendar is strictly adhered.

File Description	Document
Upload Academic Calendar and Teaching plans for five years	View Document

2.4 Teacher Profile and Quality

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

Response: 100

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years(Data Template)	View Document

2.4.2 Average percentage of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. during the last five years (consider only highest degree for count)

Response: 41.05

2.4.2.1 Number of full time teachers with *Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D'Lit.* year wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
37	39	39	40	40

File Description	Document
Institutional data in prescribed format (Data Template)	View Document

2.4.3 Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)

Response: 19.73

2.4.3.1 Total experience of full-time teachers

Response: 1874.08

File Description	Document
Institutional data in prescribed format	View Document

2.5 Evaluation Process and Reforms

2.5.1 Average number of days from the date of last semester-end/ year- end examination till the declaration of results year-wise during the last five years

Response: 32.4

2.5.1.1 Number of days from the date of last semester-end/ year- end examination till the declaration of results year wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
60	25	22	34	21

File Description	Document
Institutional data in prescribed format (Data Template)	View Document

2.5.2 Average percentage of student complaints/grievances about evaluation against total number appeared in the examinations during the last five years

Response: 0

2.5.2.1 Number of complaints/grievances about evaluation year wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
0	0	0	0	0

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

Response:

The institute has developed the IT based Examination Control System (ECS) for all programmes with CRISP, Bhopal. The ECS includes following section.

- Masters: In this module information regarding sessions ,courses running under programmes along with their credit points/maximum minimum nubers and elective papers are kept. This module consists with the sub module such as College course master, session master, course master, paper master, add papers to semester, Min Max marks, credit masters, add elective paper.

- Enrollment: In this module informations regarding students enrollments are kept. Examination forms that are submitted by students may be varified with the status that exam forms are submitted/not submitted/forwarded by institute/not forwarded by institute. This module consists with the sub module such as Enrollment generation, Verify exam forms

- Data Porting: This module consists with the sub module such as Counselling to exam, for exam form data, for marks entry, for sessional data, for revaluation data, to publish result data, To publish exam form data, exam form for portal, elective port list
- Marks entry activities: In this module marks of theory/sessions/practical can be reset in case of wrong entry. This module consist with the following sub modules. such as Students status, reset wrong entries, marks with held candidates, Students remarks, Mark detained.
- Result process: set permission, process result, marksheet/TR generation, Marksheet number generation, Provisional admission cancellation, Improvement result process, generate migration no., generate/publish division, general promotion.
- Revaluation: Apply reval, Process revaluation, Result process for revaluation, for revaluation rollback, Challenge process.
- Reports: View reports, print marksheet, Upload photo, Print PD Migration, Generate duplicate marksheet, Print scroll data, Grade wise report, Generate TC no., Generate CC no, Generate TC & CC.
- Committee Decision: Upgrade Branch/College transfer, Assign VC Grace, Assign UFM categories.
- View: Students details

2.6 Student Performance and Learning Outcomes

2.6.1 Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

Response:

The programme outcomes and course outcomes are stated and displayed on Institute website and communicated to teachers and students.

The programme outcomes are twelve and displayed in all departments, students activity centers, HoD and faculty rooms, hostel along with displayed on website.

The course outcomes are designed and stated according to the individual subjects and mentioned in the syllabus itself.

The subject syllabus are available on website and the subject teacher(s) explained the course objectives and course outcomes to the students in the classrooms.

2.6.2 Attainment of programme outcomes and course outcomes are evaluated by the institution.

Response:

Attainment of program outcomes and course opotcomes are calculated onrgular basis at the end of each semester and remedial measures are taken care of

2.6.3 Pass Percentage of students(Data for the latest completed academic year)

Response: 99.81

2.6.3.1 Total number of final year students who passed the examination conducted by Institution.

Response: 515

2.6.3.2 Total number of final year students who appeared for the examination conducted by the Institution.

Response: 516

File Description	Document
Upload List of Programmes and number of students passed and appeared in the final year examination(Data Template)	View Document

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response: 2.77

File Description	Document
Upload database of all currently enrolled students	View Document

Criterion 3 - Research, Innovations and Extension

3.1 Promotion of Research and Facilities

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

Response:

Institute always encourages its faculty to undertake research activities. Faculty members are promoted to enhance their qualification by joining doctoral research programs in Institute of National repute under QIP. With the impetus provided by TEQIP II and TEQIP -III programs a majority of faculty members were provided financial support to attend and organise conferences, seminars etc. All the laboratories have been upgraded and five centres of excellence were established to promote research in upcoming areas of science and technology.

3.1.2 The institution provides seed money to its teachers for research (average per year, INR in Lakhs)

Response: 0

3.1.2.1 The amount of seed money provided by institution to its faculty year-wise during the last five years (INR in lakhs).

2019-20	2018-19	2017-18	2016-17	2015-16
0	0	0	0	0

File Description

Document

List of teachers receiving grant and details of grant received

[View Document](#)

3.1.3 Percentage of teachers awarded national / international fellowship for advanced studies/research during the last five years

Response: 0

3.1.3.1 The number of teachers awarded national / international fellowship for advanced studies / research year wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
0	0	0	0	0

File Description	Document
List of teachers and their international fellowship details	View Document

3.2 Resource Mobilization for Research

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

Response: 170.54

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

2019-20	2018-19	2017-18	2016-17	2015-16
4.35	136.19	00	00	30

File Description	Document
List of project and grant details	View Document
e-copies of the grant award letters for research projects sponsored by government and non-government	View Document

3.2.2 Percentage of teachers having research projects during the last five years

Response: 5.05

3.2.2.1 Number of teachers having research projects during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
12	11	0	0	1

File Description	Document
Names of teachers having research projects	View Document

3.2.3 Percentage of teachers recognised as research guides

Response: 24.21

3.2.3.1 Number of teachers recognized as research guides

Response: 23

File Description	Document
Upload copies of the letter of the university recognizing faculty as research guides	View Document

3.2.4 Average percentage of departments having Research projects funded by government and non-government agencies during the last five years

Response: 40

3.2.4.1 Number of departments having Research projects funded by government and non-government agencies during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
12	11	0	0	1

3.2.4.2 Number of departments offering academic programmes

2019-20	2018-19	2017-18	2016-17	2015-16
12	12	12	12	12

File Description	Document
Supporting document from Funding Agency	View Document
List of research projects and funding details	View Document
Paste link to funding agency website	View Document

3.3 Innovation Ecosystem

3.3.1 Institution has created an eco system for innovations, creation and transfer of knowledge supported by dedicated centers for research, entrepreneurship, community orientation, Incubation etc.

Response:

The institute has created a supportive ecosystem for enhancement of research, innovation, transfer of knowledge, start up etc by incorporating a liberal policy frame work as stated in section 3.1.1. In order to encourage research in cutting edge technology and emerging areas, the institute has set up nine Center of Excellence (COE) in major area of science and technology. These COEs have been set up under financial assistance from TEQIP III with approximate cost of Rs forty million. Each COE is associated with one major academic department to support research and development in the specified fields of that department. List of all COEs is enclosed.

In line with the government vision of Self Reliant India, the institute has set up a start up cell to promote innovative idea with start up and incubation facility. Details of incubation activities are enclosed in a separate file.

File Description	Document
Upload any additional information	View Document

3.3.2 Number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development during the last five years.

Response: 59

3.3.2.1 Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development year-wise during the last five years.

2019-20	2018-19	2017-18	2016-17	2015-16
43	13	1	2	0

File Description	Document
List of workshops/seminars during last 5 years	View Document

3.4 Research Publications and Awards

3.4.1 The Institution ensures implementation of its stated Code of Ethics for research through the following: 1. Inclusion of research ethics in the research methodology course work 2. Presence of

Ethics committee 3. Plagiarism check through software 4. Research Advisory Committee**Response:** C. 2 of the above**3.4.2 Number of Ph.D's registered per teacher (as per the data given w.r.t recognized Ph.D guides/supervisors provided at 3.2.3 metric) during the last five years****Response:** 2.17

3.4.2.1 How many Ph.Ds are registered within last 5 years

Response: 50

3.4.2.2 Number of teachers recognized as guides during the last five years

Response: 23

File Description**Document**

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

[View Document](#)**3.4.3 Number of research papers per teachers in the Journals notified on UGC website during the last five years****Response:** 5.18

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

2019-20	2018-19	2017-18	2016-17	2015-16
116	99	112	133	32

File Description**Document**

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

[View Document](#)**3.4.4 Number of books and chapters in edited volumes / books published per teacher during the last five years****Response:** 0.6

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

2019-20	2018-19	2017-18	2016-17	2015-16
028	11	14	2	2

File Description	Document
List books and chapters in edited volumes / books published	View Document

3.4.5 Bibliometrics of the publications during the last five years based on average citation index in Scopus/ Web of Science or PubMed

Response: 3.52

File Description	Document
Bibliometrics of the publications during the last five years	View Document

3.4.6 Bibliometrics of the publications during the last five years based on Scopus/ Web of Science - h-index of the Institution

Response: 10

File Description	Document
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View Document

3.5 Consultancy

3.5.1 Revenue generated from consultancy and corporate training during the last five years (INR in Lakhs).

Response: 87.73

3.5.1.1 Total amount generated from consultancy and corporate training year-wise during the last five years (INR in lakhs).

2019-20	2018-19	2017-18	2016-17	2015-16
10.62	6.62	26.15	32.12	12.22

File Description	Document
List of consultants and revenue generated by them	View Document

3.5.2 Total amount spent on developing facilities, training teachers and staff for undertaking consultancy during the last five years (INR in Lakhs).

Response: 1575

3.5.2.1 Total amount spent on developing facilities, training teachers and staff for undertaking consultancy during the last five years (INR in Lakhs)

2019-20	2018-19	2017-18	2016-17	2015-16
510.21	428.24	405.42	205.14	25.99

File Description	Document
List of facilities and staff available for undertaking consultancy	View Document

3.6 Extension Activities

3.6.1 Extension activities are carried out in the neighbourhood community, sensitising students to social issues, for their holistic development, and impact thereof during the last five years

Response:

Every year all the days of national or international importance, are indented and included in the academic calendar of the academic year. Various activities related to these days are organized to mark the day and to make students aware of importance of these days, their historic importance and social message behind celebration of these days. Regular yoga sessions are organized for staff and students for their physical and mental wellness.

Aware of its social responsibilities towards the neighborhood community specifically rural areas, village/rural outreach program has been included in the scheme of study and students make a visit to designated village/areas to create awareness among the community towards cleanness, use of technology in daily life, energy conservation and environment etc. Every year National Service Scheme (NSS) and National Ceded Core (NCC) wing of the institute organize camps in villages and hold a number of activities for the community. Detailed list of activities of NSS and NCC are enclosed in a separate file.

For overall development of students a number of student clubs are active and running in the institute to provide a platform for the students to exhibit their skill in co curricular and extracurricular activities. A list of all the clubs and their brief activities are enclosed in a separate file.

3.6.2 Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government recognised bodies during last five years**Response:** 1**3.6.2.1 Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.**

2019-20	2018-19	2017-18	2016-17	2015-16
0	0	1	0	0

File Description**Document**

Number of awards for extension activities in last 5 year

[View Document](#)**3.6.3 Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., during the last five years (including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs)****Response:** 37**3.6.3.1 Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year-wise during the last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
10	8	4	6	9

File Description**Document**

Number of extension and outreach Programmes conducted with industry, community etc for the last five years

[View Document](#)**3.6.4 Average percentage of students participating in extension activities listed at 3.6.3 above during the last five years****Response:** 133.32**3.6.4.1 Total number of students participating in extension activities listed at 3.6.3 above year-wise**

during the last five years.

2019-20	2018-19	2017-18	2016-17	2015-16
893	638	395	2135	665

File Description	Document
Average percentage of students participating in extension activities with Govt or NGO etc	View Document

3.7 Collaboration

3.7.1 Number of Collaborative activities per year for research/ faculty exchange/ student exchange/ internship/ on –the-job training/ project work

Response: 0

3.7.1.1 Total number of Collaborative activities per year for research/ faculty exchange/ student exchange/ internship/ on –the-job training/ project work

2019-20	2018-19	2017-18	2016-17	2015-16
0	0	0	0	0

File Description	Document
Number of Collaborative activities for research, faculty etc	View Document

3.7.2 Number of functional MoUs with institutions of national, international importance, other institutions, industries, corporate houses etc. during the last five years (only functional MoUs with ongoing activities to be considered)

Response: 0

3.7.2.1 Number of functional MoUs with institutions of national, international importance, other Institutions, industries, corporate houses etc. year wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
0	0	0	0	0

File Description	Document
Details of functional MoUs with institutions of national, international importance, other Institutions etc during the last five years	View Document
Any additional information	View Document

NAAC

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

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

Response:

The institute has adequate infrastructure and physical facilities for proper teaching-learning process. The institute has classroom with good ambience, well equipped laboratories with supporting staff and good number of recent computers with latest softwares. Most of the classrooms have white board with LCD projector and are WiFi enabled. Apart from using white board, the faculty use Powerpoint presentations and videos, online contents for better concept illustration to students. The laboratories are well equipped and properly maintained and has sufficient and qualified personnels to assist the laboratory sessions. Every department has its own departmental computer center and has sufficient number of recent generation computer systems and program specific softwares. Apart from it, the institute has central computer center, with 120 number of recent computer systems, servers and softwares. This central facility has power backup, fully networked, with high speed LANs and a capable firewall for monitoring the internet traffic of entire campus network for cyber security and protection against cyber threats.

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

Response:

There are two big playgrounds for outdoor games viz. cricket, football, athletics, volleyball court, tennis court etc. One indoor facility in the campus for badminton, yoga and Gymnasium facility is also available to the students and staff of the institute. Usage policies are framed by consultation with students and staff of the Institute. Institute has physical trainers and trained sports coach to provide necessary guidance to students. Hostels have table tennis and basket ball courts (Girls hostel). There is separate space for the students to practice cultural activities viz. singing, street play, dance etc. Every year annual sports meet and a state level cricket tournaments is organised.

File Description	Document
Geotagged pictures	View Document

4.1.3 Percentage of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc. (Data for the latest completed academic year)

Response: 100

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 35

File Description	Document
Institutional data in prescribed format	View Document

4.1.4 Average percentage of expenditure for infrastructure augmentation excluding salary during the last five years (INR in Lakhs)

Response: 333.2

4.1.4.1 Expenditure for infrastructure augmentation, excluding salary year-wise during last five years (INR in lakhs)

2019-20	2018-19	2017-18	2016-17	2015-16
558.0358	551.6335	490.3800	453.1752	414.3544

4.2 Library as a Learning Resource

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

Response:

Central Library is fully automated using Open Source Integrated Library Management Software "Koha". Koha is multiusers clients/server software, it provides separate OPAC for accessing library resources available in the library, it is accessible over the intranet. Central Library using barcode technology for circulation (Issue/Return) of the books. This software has also supports to generate reports of various activities of central library like circulation, user record, library utilisation and etc. User can access their statistics of library belongings from Online Public Access Catalogue over the Intranet.

- Name of the ILMS software: **Koha**
- Nature of automation (fully or partially): **Fully**
- Version: **19.05.02**
- Year of automation: **2015**

File Description	Document
Upload any additional information	View Document
Paste Link for additional information	View Document

4.2.2 Institution has access to the following: 1. e-journals 2. e-ShodhSindhu 3. Shodhganga Membership 4. e-books 5. Databases 6. Remote access to e-resources

Response: A. Any 4 or more of the above

File Description	Document
Institutional data in prescribed format	View Document
Details of subscriptions like e-journals, e-books , e-ShodhSindhu, Shodhganga Membership etc	View Document

4.2.3 Average annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)

Response: 12.85

4.2.3.1 Annual expenditure of purchase of books/e-books and subscription to journals/e- journals year wise during last five years (INR in Lakhs)

2019-20	2018-19	2017-18	2016-17	2015-16
24.33	11.09	7.67	0.22	20.92

File Description	Document
Details of annual expenditure for purchase of and subscription to journals/e-journals during the last five years	View Document

4.2.4 Percentage per day usage of library by teachers and students (foot falls and login data for online access) during the last completed academic year

Response: 13.66

4.2.4.1 Number of teachers and students using library per day over last one year

Response: 125

File Description	Document
Details of library usage by teachers and students	View Document

4.3 IT Infrastructure

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

Response:

The institute has a well managed high speed internet facility, spread over its entire campus. The facility is provided by National Knowledge Networks (NKN), GoI over RailTel network with 1GBps connectivity. The Internet connectivity is provided through Wired Connectivity (Optical cable and Copper cable) as well as over the air (WiFi). The entire campus including departments, classrooms, labs, computer centers, smart classrooms, CoEs, seminar halls, faculty cabins, administrative block, hostels, residential area etc. is provided with internet connectivity. The access to the network at campus is restricted to authorised users. All the students, faculty and staff at campus are registered at VV Natu computer center, which is a centralised computer center, for cabled as well as WiFi internet access. The Cyberom firewall monitors the internet traffic and restricts the visit to malicious websites, thus providing cyber security. For updating the IT facilities, based on the requisition and the requirement, the budget is allocated. Recently, the World Bank supported Project - Technical Education Quality Improvement Program Phase - 3 (TEQIP-III) has provided good impetus to upgrade the IT infrastructure at the campus.

File Description	Document
Upload any additional information	View Document

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

Response: 1.33

4.3.3 Bandwidth of internet connection in the Institution.

Response: 750 MBPS

File Description	Document
Upload any additional information	View Document
Details of available bandwidth of internet connection in the Institution	View Document

4.3.4 Institution has the following Facilities for e-content development

1. Media centre
2. Audio visual centre
3. Lecture Capturing System(LCS)
4. Mixing equipments and softwares for editing

Response: E. None of the above

File Description	Document
Institutional data in prescribed format	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1 Average percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the last five years

Response: 27

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)

2019-20	2018-19	2017-18	2016-17	2015-16
81.49894	40.57543	35.42065	22.45902	17.826

File Description

Document

Details about assigned budget and expenditure on physical facilities and academic facilities

[View Document](#)

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:

The Central Library extends academic and research support to the faculties & students of the Institute. It has text books section, reference cum e-Library section, book bank section, and periodical section, reading section, circulation section and OPAC. The library has organized learning resources by DDC (International Classification Scheme) and subject/department wise, and is maintained by its own staff. The Central library has separate e-Library which is locally and remotely accessible. Locally access maintained by Institute and for remotely accessing, Institute subscribed “Knimbus” software which has maintained by Knimbus Team. The Library maintains visitor’s record of faculty and students visiting the library. The library utilises Barcode technology for the circulation of books. The Barcode generation and maintained by central library itself. The users can access library resources available from library through OPAC and is maintained by library staff. Also the Open Source Library Integrated Management Software “Koha” is utilizing for library automation and is maintained through it's own expertise.

Each department of the institute has their own classrooms, laboratories. The classrooms are utilized for conducting lecture sessions by sharing among different semesters. The optimal use of the classrooms is extracted by proper scheduling the academic time table of different semesters. The class rooms are maintained for its cleanliness. whitewash, light fixtures and fans, furniture through in-house sections like Building section, Electrical maintenance section, computer maintenance cell and Central workshop. The departments have their own laboratory and computer centers. Some laboratories are common and are optimally utilised for conducting practical sessions for student of other program as well. Other program specific lab facilities are utilised by the students of the department. The laboratory equipments are maintained by the lab staff for minor repairs, routine maintenance etc. The major repairs are carried by obtaining the permission and sanction from the institute administration authorities.

The institute has a large number of computers, servers, peripherals and networking hardware and allied hardware. For accomplishing the maintenance, repair, software updation, hardware upgradation tasks, the institute has a dedicated Computer Maintenance Cell (CMC). The minor repairs or maintenance is done by the CMC staff of the institute. The CMC has Annual Rate Contracts (ARC) for various spare parts required for routine maintenance, which they procure through ARC. The budget is sanctioned by institute administration on requisition of maintenance. The institute has provided the laptops and PCs in various computer centers, labs, staff cabins etc. Any authorised user can access this facility. All centers extending this facility maintain a lab register which records the usage of computing facilities. The server based software editions can be used from anywhere at the campus over the LAN. Also the institute uses a number of open source softwares. During the pandemic period, the institute has conducted online classroom lectures and online exams for the students, utilising the IT facilities at the campus.

The insitute has two big playgrounds for outdoor games viz. cricket, football, hockey, atheletics at its campus. Apart from this there is a cemented basketball court, a volleyball court and a Lawn tennis court at ts campus. The sports complex include faciities for indoor games like Badminton (wooden court), table tennis, Yoga and the Gymnasium, which are also available to the students and staff of the institute. The sports section maintain a visitor registor for every user coming to sports complpex. The usage policies are framed in consultation with students and staff of the Institute. Institute has appointed a physical trainers and trained sports coach to provide necessary coaching to the students. The sports grounds are maintained by the Building section, Electrical Maintenance section and Water Supply section, on the requirements of sports section. The major repair or maintenance is performed after obtaining required sanction from the insitute administration.

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 last five years

Response: 134.33

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

2019-20	2018-19	2017-18	2016-17	2015-16
969	968	941	988	829

File Description

Institutional data in prescribed format

Document

[View Document](#)

5.1.2 Average percentage of students benefited by scholarships, freeships, etc. provided by the institution and non-government agencies during the last five years

Response: 7.82

5.1.2.1 Total number of students benefited by scholarships, freeships, etc provided by the institution / non- government agencies year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
136	72	43	39	00

File Description

Institutional data in prescribed format

Document

[View Document](#)

5.1.3 Following Capacity development and skills enhancement activities are organised for improving students capability 1. Soft skills 2. Language and communication skills 3. Life skills (Yoga, physical fitness, health and hygiene) 4. Awareness of trends in technology

Response: D. 1 of the above

File Description	Document
Details of capability enhancement and development schemes	View Document
Link to Institutional website	View Document

5.1.4 Average percentage of students benefited by career counseling and guidance for competitive examinations offered by the Institution during the last five years.

Response: 28.64

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

2019-20	2018-19	2017-18	2016-17	2015-16
760	355	00	00	00

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	View Document

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

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

Response: A. All of the above

File Description	Document
Upload any additional information	View Document
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View Document
Details of student grievances including sexual harassment and ragging cases	View Document

5.2 Student Progression

5.2.1 Average percentage of placement of outgoing students during the last five years**Response:** 33.65**5.2.1.1 Number of outgoing students placed year - wise during the last five years.**

2019-20	2018-19	2017-18	2016-17	2015-16
192	190	197	98	204

File Description	Document
Upload any additional information	View Document
Self attested list of students placed	View Document
Details of student placement during the last five years	View Document

5.2.2 Percentage of student progression to higher education (previous graduating batch).**Response:** 10.29**5.2.2.1 Number of outgoing student progressing to higher education.**

Response: 53

File Description	Document
Upload supporting data for student/alumni	View Document
Details of student progression to higher education	View Document

5.2.3 Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: IIT-JAM/CLAT/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.)**Response:** 25.5**5.2.3.1 Number of students qualifying in state/ national/ international level examinations (eg: IIT/JAM/ NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations, etc.)) year-wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
53	63	63	91	00

5.2.3.2 Number of students appearing in state/ national/ international level examinations (eg: IIT/JAM/ NET / SLET/ GATE/ GMAT/CAT,GRE/ TOEFL/ Civil Services/ State government examinations) year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
127	364	310	189	00

File Description	Document
Upload supporting data for student/alumni	View Document
Number of students qualifying in state/ national/ international level examinations during the last five years	View Document

5.3 Student Participation and Activities

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

Response: 0

5.3.1.1 Number of awards/medals won by students for outstanding performance in sports / cultural activities at inter-university / state / national / international events (award for a team event should be counted as one) year - wise during the last five years.

2019-20	2018-19	2017-18	2016-17	2015-16
0	0	0	0	0

File Description	Document
Number of awards/medals for outstanding performance in sports/ cultural activities at inter-university / state / national / international level during the last five years	View Document

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

Response:

Students are the backbones of any Educational Institute and they play a major role in the progress of the university/ college/ department. At department level class representatives (CR's) are elected at the starting of the session. They act as point of contact between department and their classmates. They are responsible for student interaction and involvement in day to day activities. At college level, student clubs are promoted for the overall development of the students outside classroom environment. Samrat Ashok Technological Institute has many student clubs which are actively participating in seminars, conferences, workshops and cultural fests etc

File Description	Document
Paste link for Additional Information	View Document

5.3.3 Average number of sports and cultural events / competitions organised by the institution per year

Response: 12.4

5.3.3.1 Number of sports and cultural events / competitions organised by the institution year - wise during the last five years.

2019-20	2018-19	2017-18	2016-17	2015-16
29	3	15	12	3

File Description	Document
Number of sports and cultural events / competitions organised per year	View Document

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 other support services.

Response:

After the first batch which graduated out in 1965, the Institute has sent out, thousands of engineers and scientists throughout the India and abroad. An alumni association cell to connect alumni from all over the world through official website is managed by the Institute. Regular alumni meet are organised as per the request and feasibility through city wise / state wise or international. For the batches attaining 25 years and 50 years of their passing from the Institute Alumni meet is organised in December every year. Many of these alumni, spread over the whole of the country and beyond have reached the top in their respective departments and organizations while the others have occupied senior and influential positions in society. All of them have a deep love and a high regard for their alma mater and some who have been able to find

time to visit the Institute now are struck by the spectacular progress made since they left years ago. The SATI local Alumni Associations has been formed in various cities and towns and they get-together sharing their loving memories during the college days

On 01.11.2019, Inaugural function of Diamond Jubilee celebrations and Alumni meet On 28.12.2019 Alumni Meet of 1994 Batch was organised. On 29/02/2020, S.A.T.I. Alumni meet took place in Bhopal at Palash Residency where Alumni based in Bhopal shared their ideas for the betterment of the institution.

. Alumni Portal: <https://alumni.satiengg.in> Alumni Registration page
http://satiengg.in/Alumni/Frm_AlumniRegistration.aspx Alumni List
http://satiengg.in/Alumni/RegisteredAlumni_Display.aspx 00

File Description	Document
Any additional information	View Document
Link for additional information	View Document

5.4.2 Alumni financial contribution during the last five years (in INR).

Response: E. <2 Lakhs

File Description	Document
Any additional information	View Document
Link for additional information	View Document

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:

The key feature of the institute's vision is the service and development of the mankind. By providing quality education at an affordable fee the institute is serving the society. Also, fifty percent of the students are from socially and economically background. Apart from this, Vidisha district being a small town with majority of its population coming from the rural area, students are also from the rural background. Right since its inception the institute is creating quality manpower and has contributed significantly in the nation building during the initial years of the post-independence era and also continuing with this practice in the current age of fourth industrial revolution. Our rich alumni base and the recent placement figures are indicative of our dedication towards achievement of our mission and vision.

6.1.2 The effective leadership is reflected in various institutional practices such as decentralization and participative management.

Response:

For efficient and smooth functioning our administrative set up has been decentralized. The apex body for the administration is the Board of Governors. Descending down the decentralization has been ensured by delegating the powers to the Managing Committee, Finance committee, HR committee, Academic Affairs Committee and the Proctorial Board. Furthermore, the participative management is complemented by sharing powers and responsibilities with Deans, Co-Deans, HoDs and Professor-In-Charges of different sections.

Every department is authorised to create own research groups and decide on the roadmap for next five years. Except for I year every Department is given autonomy for planning its own lecture schedule and course contents. Advice on Institutional development is taken periodically by the management of the Institute. For procurement of equipments and creating new facilities, funds are utilized on the basis of recommendations of the Departments. The Board of Governors held its meeting periodically in which two teaching faculty members are also invited to give their inputs.

In academic bodies viz. Board of Studies and Academic Council, representative of students, alumni, industry experts i.e. all the stake holders are invited to provide inputs.

6.2 Strategy Development and Deployment

6.2.1 The institutional Strategic / Perspective plan is effectively deployed

Response:

The key features of the strategic plan include-

- * Improvisation in the teaching and learning environment
- * Continuous upgradation of laboratories and library
- * Facilitation of research culture
- * Enhance interaction with the outside world
- * Increase placement of students
- * Provide quality infrastructure in the campus
- * Promote sports and social activities
- * Improvement in financial position of the Institute.

Effective implementation of the aforementioned features is ensured by-

- Regular / Periodic physical inspections
- Meetings of HoDs, Deans, PICs, and wardens along with their performance presentations
- Tutor Guardian system
- Feedback from students, parents, alumni, and industries.
- Approach Government and other agencies for financial assistance.

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

Response:

Administrative set up is decentralized. The institute adheres to all the service rules and procedures as notified by the government of M.P. The selection and promotion of teachers is as per AICTE norms and as approved by the Govt. of M.P. and the BoG of the institute. Selection of teachers is done by a selection committee constituted as per norms of AICTE and Govt. of M.P. Reservation for SC/ST/OBC and other classes in recruitment and promotions is provided as per the state government policy and roster. Grievance redressal system is functional with a separate women grievance cell. Two teacher representatives are member of the BoG of the Institute

6.2.3 Implementation of e-governance in areas of operation

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

Response: C. 2 of the above

File Description	Document
Screen shots of user interfaces	View Document
Institutional data in prescribed format	View Document

6.3 Faculty Empowerment Strategies

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

Response:

Non-teaching staff is imparted various trainings to enhance their technical, administrative and communication skills.

Teaching staff is supported to attend conferences and workshops.

Faculty is supported for higher education programs.

Faculty is motivated to join SWAYM courses (MOOCS)

Institute management is sensitive towards the various welfare issues of the staff and faculty members. It provides medical allowance to both teaching and non teaching staff and also a group insurance scheme is in place. The Institute is a member of EPFO and contributes @12% as its contribution in the fund. To meet out emergent need of non teaching employees there is a staff welfare fund through which a loan is provided.

For the career development Career Advancement Scheme is implemented for teaching staff for upward promotions and time bound promotion scheme / time scale fitment scheme for non teaching staff is implemented.

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: 97.89

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

2019-20	2018-19	2017-18	2016-17	2015-16
84	086	120	90	85

File Description	Document
Institutional data in prescribed format	View Document

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

Response: 3.6

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

2019-20	2018-19	2017-18	2016-17	2015-16
7	8	1	1	1

File Description	Document
Institutional data in prescribed format	View Document

6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).

Response: 52.21

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

2019-20	2018-19	2017-18	2016-17	2015-16
38	75	70	35	30

File Description	Document
IQAC report summary	View Document
Institutional data in prescribed format	View Document

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly**Response:**

Yes, the Institution has established a mechanism for conducting internal and external audits on the financial transactions every year to ensure financial compliance.

The institution is a Grant-in-aid institution granted by Govt. of M.P. We follow the service rules of Department of Technical Education, Govt. of M.P. The whole pay and allowances of the institute is being provided by the M.P.Govt. through recurring Grant.

To Control over the financial management the Govt of M.P. has posted Local fund Auditors in the institute. The duty of the auditors is to verify and pass all the payment vouchers before issuing the cheques etc on daily basis.

The BoG of the institution also constituted a Finance committee under the chairmanship of Justice (Retd.) N.K.Modi. The committee thoroughly verifies the income and expenditure details submitted to the management of the institution through principal. External audit is conducted once in every year by a Chartered Accountants firm M/s Singhai & Associates, Chartered Accountants Gwalior.

Before the commencement of every financial year, Director submits a proposal on budget allocation, by considering the recommendations made by the heads of all the departments, to the management. College budget includes recurring expenses such as salary, electricity, internet charges, maintenance cost, stationery, other consumable charges etc., and non – recurring expenses like lab equipment purchases, furniture and other development expenses. The expenses will be monitored by the accounts department as per the budget allocated by the management. The same process is being followed for the last five years.

The accounts of the college are audited by chartered accountant regularly as per the government rules. The auditor ensures that all payments are duly authorized after the audit, the report is sent to the management for review. Any queries, in the process of audit would be attended immediately along with the supporting documents within the prescribed time limits. The institution did not come across with any major audit objection during the preceding years. All these mechanisms exhibit the transparency being maintained in financial matters and adherence to financial discipline to avoid defalcation of funds or properties of the institution at all levels. The audited statement is duly signed by the Director and Chartered Accountant and are posted on Institute website.

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

Response: 0

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

2019-20	2018-19	2017-18	2016-17	2015-16
0	0	0	0	0

File Description	Document
Institutional data in prescribed format	View Document

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

Response:

Mobilisation of Funds

- From state government grants
- Self-financing programs
- Training Programs (PMKVY & MMKVY)
- Consultancy and Testing
- Research, Conference, Travel and Workshop grants.
- TEQIP Funding
- Fees From Students
- Autonomy Income (Exams fees)

Optimal Utilization of Resources

- Sharing of laboratories
- Digitization of Library with E-books
- Multidisciplinary Centres of Excellence
- Centralized Computing Facilities

The institute being a Grant-in-aid Technical Education institute of Govt of M.P. getting Recurring Grant from the state government, but the Institute is not getting sufficient grant to recoup the expenses of the institute since so many years.

To increase the funds/ resources the institute is working hard. Efforts are being made on following lines to increase the resources:-

1. Funds generation from Alumni' of the Institute.
2. Efforts are being made to enhance the recurring grant from Govt. of M.P.
3. Try to get additional funds under various schemes (for technical education) of Central and State Govt.
4. New courses are inducted on self financing basis and try to enhance the Income of self Finance courses.

5. Enhance the testing and consultancy with various improved Labs of the institute.
6. Cut short the recurring expenditures.

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 visible in terms of – Incremental improvements made for the preceding five years with regard to quality (in case of first cycle) Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives (second and subsequent cycles)

Response:

Meetings of IQAC cell held so far : 21.06.2016, 03.08.2017, 10.7.2018, 30.09.2018, 02.03.2019, 25.01.2020, 01.12.2020, 02.03.2021

A pointwise account is given below:

1. NBA Accreditation: In the year 2016 two UG programs viz. B.Tech. in ME and EI were accredited for 3 years by NBA. In the year SAR for three UG programs B.Tech. in CSE, CE and EC were submitted and assesment by NBA was done during 26-28, March 2021. NBA Accredited two programs B.Tech. CSE and B.Tech. Civil Engineering for three years viz. 2021-22 to 2023-24 and one program B.Tech. Mech. Engg. its accreditation extended by NBA for one year.

2. Exam results: In every meeting exam results were discueed and it was suggested that all the question paper must be set as per bloom texanomy and CO-PO mapping. The asesment should be done. An improvement in overall performance of students was noted.

3. All the staff memebres are now well versed with OBE sysem of education owing to trainig imparted and NBA accreditation process.

4. Placement of student remains an area of concern due to overall economic slowdown.

5. Five centres of excellence were estaablisehd from TEQIP III grant to boost up research and trang to students.

6. Institute was amongst top perfomers in TEQIP perfomance audit and received and additional grant for as an award by NPIU.

In last two sessions the academic activities were severely affected due to Pandemic.

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 and recorded the incremental improvement in various activities (For first cycle - Incremental improvements made for the preceding five years with regard to quality For second and subsequent cycles - Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives)

Response:

During last four years Institute has initiated various academic and administrative reforms. In academics emphasis has been laid on outcome based education. The performance was regularly monitored by the academic advisors or the Institute Prof.N.C.Shivaprakash, IISc Bangalor. Under TEQIP II and TEQIP III grants both academic and administrative audit were performed on regular basis and Institute was amongst top five best performing Institutes in the country.

With impetus from TEQIP funds several training and academic activities were carried out to strengthen the academic performance of staff. Several new laboratories were set up and new equipments were also procured. After analysis the management of the Institute decided to close down those courses which had very less intake.

Institute went for NBA accreditation of two programs BTech in Mechanical Engineering and B.Tech. in Electronics and Instrumentation Engineering. In the year 2020 SAR was submitted to NBA for accreditation of B.Tech. Civil Engineering, B.Tech. CSE and B.Tech. EC programs. NBA team visited the Institute during 26-28 March 2021 for assessing three UG B.Tech programs in CE, CSE and EC. NBA accredited B.Tech. CSE and CE programs for three years 2021-22 to 2023-24. During last two years academic activities were severely affected due to pandemic COVID 19.

6.5.3 Quality assurance initiatives of the institution include:

- 1.Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements**
- 2.Collaborative quality initiatives with other institution(s)**
- 3.Participation in NIRF**
- 4.Any other quality audit recognized by state, national or international agencies (ISO Certification)**

Response: 3 of the above

File Description	Document
Upload e-copies of the accreditations and certifications	View Document
Institutional data in prescribed format	View Document

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Measures initiated by the Institution for the promotion of gender equity during the last five years.

Response:

Institute is serious towards gender equity. More than 30% of its students belongs to female category. We provide equal opportunity to girls in each aspect of academic viz. curricular as well as extracurricular activities. In all the cultural and social events girls take equal participation. For girls separate sports competitions are held during annual fest. Institute also have women grievance cell in which if any complaint is received it is dealt seriously. In girls hostel female matrons and caretakers are deputed.

Appointing Student Mentors and Tutor guardian system is implemented with faculty is having 20-30 students under them. EQUITY ACTION PLAN FOR gender friendly environment for students as well as faculties and staff members are uploaded on the institute website.

File Description	Document
Annual gender sensitization action plan	View Document
Specific facilities provided for women in terms of: a.Safety and security b.Counselling c.Common Rooms d. Day care center for young children e. Any other relevant information	View Document

7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures

- 1.Solar energy
- 2.Biogas plant
- 3.Wheeling to the Grid
- 4.Sensor-based energy conservation
- 5.Use of LED bulbs/ power efficient equipment

Response: C. 2 of the above

File Description	Document
Geotagged Photographs	View Document
Any other relevant information	View Document

7.1.3 Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)

- **Solid waste management**
- **Liquid waste management**
- **Biomedical waste management**
- **E-waste management**
- **Waste recycling system**
- **Hazardous chemicals and radioactive waste management**

Response:

1. SOLID WASTE MANAGEMENT

Introduction of Food Waste Composting Machine: A food composting machine which is purchased under TEQIP-III:

- **Performs the function of shredding the organic waste into small pieces and transfer all shredded material to composting tank. Artificial atmosphere for quick decomposition is created in the machine. At the same time special composting enzymes or saw dust mixture decomposes the organic waste into compost and this happens within 24 hours.**
- **After the shredding process the compost is extracted and it can be used as a fertilizer.**

Aims and Objectives

The main aim is to utilize waste organic materials of the campus.

By using food waste composting machine we can convert waste material in to compost.

By this process two conclusions can be drawn i.e.

- **Proper utilization of waste material of the campus.**
- **The compost which is formed by machine should be used as fertilizer in campus premises.**

Description of work:

1. **Organic Material: Organic material from different places i.e. the residential places will be collected and send to the composting machine. Before sending this material into the composting machine an accurate segregation is to be done in order to avoid any issues in the machine as the machine works only for the material which is free from any extra material i.e. glass, plastics, etc.**
2. **Inorganic Material: Inorganic material such as plastic papers will be collected from different places and then send it to building section for as this material can be use for recycling as well as for research purpose.**

FOOD WASTE COMPOSTING MACHINE PIC IS ATTACHED HERE.

LIQUID WASTE MANAGEMENT:

A Report: Liquid Waste Management

A Report regarding Liquid Waste Management which provide the information of Zero Leakage System under Water Supply section of our Institute. This Work has been assigned among three Faculties (Prof. DPS Rajput. ,Prof. Pradeep Semil, Prof Ruchi Chauhan) of our PCE Department. We have divided full 85 acre area in three Sections and has visited full area. We have observed at each and every section which includes Sanitary ,Kitchen, Mess, Hostel, Institute Building ,Guest House, Director Bungalow etc. And has been observed that some leakage were there which has been repaired. Till now there is no leakage and proper maintenance has been done for water supply. We have observed the condition of Septic tank also and we are working on the proposal of proper Drainage system. In order to repair the supply of water system we have submitted the note sheet which has been approved and the work has been completed.

File Description	Document
Geotagged photographs of the facilities	View Document
Any other relevant information	View Document

7.1.4 Water conservation facilities available in the Institution:

1. Rain water harvesting
2. Borewell /Open well recharge
3. Construction of tanks and bunds
4. Waste water recycling
5. Maintenance of water bodies and distribution system in the campus

Response: C. 2 of the above

File Description	Document
Geotagged photographs / videos of the facilities	View Document
Any other relevant information	View Document
Link for any additional information	View Document

7.1.5 Green campus initiatives include:

1. Restricted entry of automobiles
2. Use of Bicycles/ Battery powered vehicles
3. Pedestrian Friendly pathways
4. Ban on use of Plastic
5. Landscaping with trees and plants

Response: Any 4 or All of the above

File Description	Document
Various policy documents / decisions circulated for implementation	View Document
Geotagged photos / videos of the facilities	View Document
Any other relevant documents	View Document

7.1.6 Quality audits on environment and energy regularly undertaken by the Institution and any awards received for such green campus initiatives:

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

Response: D.1 of the above

File Description	Document
Any other relevant information	View Document

7.1.7 The Institution has disabled-friendly, barrier free environment

- 1.Built environment with ramps/lifts for easy access to classrooms.
- 2.Disabled-friendly washrooms
- 3.Signage including tactile path, lights, display boards and signposts
- 4.Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment
- 5.Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

Response: D.1 of the above

File Description	Document
Policy documents and information brochures on the support to be provided	View Document
Geotagged photographs / videos of the facilities	View Document

7.1.8 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words).

Response:

We believe in unity in diversity that's why our students respect the different religion, language and culture. We feel the college is our second home and all faculties like a family member. We greet and wish each other at different festivals and invite them to have a feast to get introduced with ones culture to have amicable relations and to maintain the religious, social and communal harmony.

Similarly our students also celebrate the different festivals with joy and enthusiasm which help them to implant the social and religious harmony.

The diversity in India is unique. Being a large country with large population. India presents endless varieties of physical features and cultural patterns. It is the land of many languages it is only in India people professes all the major religions of the world. To represent our Indian culture, on the eve of our college annual gathering we organize a traditional dress competition and fashion show. In this competition students wore the different attire representing the different states, religions and cultures. Through this activity students get acquainted with the different culture of our nation and help to develop the tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities. This also creates the inclusive environment in the college and society.

Activities held at SATI VIDISHA during 2016 to 2019 like workshop on water conservation, Hindi diwas celebration, motivational talk, independence day celebration, yoga day, engineers day, world environmental day, teachered day, holi festival day, sports day, NCC & NSS CELEBRATIONS, SAMRAT UTSAV CELEBRATIONS etc. Documents are attached below FOR MENTIONED ACTIVITIES.

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

7.1.9 Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).

Response:

Celebration of major national festivals and days are done religiously in the campus to instill the feeling of oneness and make them aware of their duties and rights. We celebrate Independence day, Republic day, Gandhi Jayanti, Constitution Day, Teachers day, Engineerrs day, Foundation day, Yuva Diwas, Voter Day, Science Day, Women's day, Anti tobacco day etc. and they are given space in our academic calendar.

From time to time guest lectures from renowned personalities are organised on social issues and motivational issues to instill awareness.

The students are inspired by participating in various programs on culture, traditions, values, duties, and responsibilities by inviting prominent people. The institute conducted awareness programs on the ban on

plastics, cleanliness, Swachh Bharat, etc. involving students.

The college establishes policies that reflect core values. Code of conduct is prepared for students and staff and everyone should obey the conduct rules.

The affiliating University curriculum is framed with mandatory courses like Professional ethics and human values, Constitution of India, Essence of Indian Traditional Knowledge, as a small step to inculcate constitutional obligations among the students.

File Description	Document
• Details of activities that inculcate values; necessary to render students in to responsible citizens	View Document
Any other relevant information	View Document

7.1.10 The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.

- 1. The Code of Conduct is displayed on the website**
- 2. There is a committee to monitor adherence to the Code of Conduct**
- 3. Institution organizes professional ethics programmes for students, teachers, administrators and other staff**
- 4. Annual awareness programmes on Code of Conduct are organized**

Response: C. 2 of the above

File Description	Document
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View Document
Code of ethics policy document	View Document
Any other relevant information	View Document

7.1.11 Institution celebrates / organizes national and international commemorative days, events and festivals (within 500 words).

Response:

Institute organizes events, ceremonies etc on the mentioned point. Several activities are mentioned in academic calendar with responsibility given to each section accordingly. A glimpse of these events / activities are as follows:

Celebration of Independence Day – coordinator NCC, NSS		15
Celebration of world Photography Day – coordinator Photography Club		
Celebration of national sports Day – coordinator Sports Section		
Celebration of teachers Day – coordinator Dean Academic		
Celebration of Engineers Day – coordinator Elect. Engg. Deptt.		
Celebration of Vishwakarma Jayanti – coordinator Mech. Engg. Deptt.		
Shrimant Madhavrao Scindia Scholarship distribution ceremony – coordinator Dean Acad.		
Shrimant Rajmata Vijayaraje Scindia Scholarship distribution ceremony – coordinator Dean Academic		
Celebration of Institute Foundation day		
Celebration of International Mathematics Day – coordinator App. Maths		
Rose Show – coordinator Registrar, Building Section		1st and
Technovision – coordinator Dr. Jyotsna Ogale		
Samrat Utsav – coordinator Dr. Pankaj Agarwal		0
Cricket Tournament – coordinator Sports Section		
Gaurav Alankaran Divas – coordinator Civil Deptt.		0
Celebration of Rashtriya Yuva Divas (Swami Vivekananda Jayanti) – coordinator App. Science Deptt.		
National Voter Day – coordinator MBA. Deptt.		
Republic Day – coordinator NCC, NSS		
National Science Day – coordinator App. Science Deptt.		
International Women’s Day – coordinator MBA. Deptt.		
World Water Day – coordinator Civil Deptt.		
Earth Day – coordinator App. Science		
World Book and Copyright Day – coordinator Central Library		
Press Freedom Day – coordinator Media Cell		
Celebration of National Technology Day – Coordinator Innovation & Startup Cell		
Graduation Day (for final year students) - Coordinator Dean Academic & Academic Section		
Anti Tobacco Day – coordinator MBA. Deptt.		
Sports, Cultural and Social activities – coordinator Concern Deptt.		All Satu
And many more activities		

File Description	Document
Geotagged photographs of some of the events	View Document
Any other relevant information	View Document
Annual report of the celebrations and commemorative events for the last five years	View Document

7.2 Best Practices

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

Response:

1. We have a well planned academic calendar, regularly updates the curriculum augmented by adequate infrastructure for imparting quality education. Curriculum updation is done regularly after deliberation in Board of studies comprising of subject experts from m National Institutes of eminence and industry personel. Infrastructure and laboratories are regularly upgraded to remove obsolence.

2. Placement Cell of the Institute is providing full support to students to fulfil their future career goals. A well planned startegy is developed by forming a team of Tutor Guardians, Head of Departments, Placement Officer and Director of Institute which collectively decides various aspects viz. special tarining to be imparted, planning expert talks, coordinating with prosective employers and Alumni. The training and placement cell timely organizes various workshops and training sessions for the students, to train them and to make them familiar with different aspects of personality development and enhancement of their communication skills. This has resulted in enhancement in placement of students.

File Description	Document
Best practices in the Institutional web site	View Document
Any other relevant information	View Document

7.3 Institutional Distinctiveness**7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words****Response:**

The Institute started with a total intake of 120 students per year in the three major disciplines of engineering, namely, Civil, Mechanical and Electrical Engineering. It was affiliated to the Vikram University Ujjain to which the three other colleges in the region, namely, MACT (Now MANIT) Bhopal, SGSITS Indore and MITS Gwalior were also affiliated at that time. After the establishment of Bhopal University at Bhopal, now renamed as Barkatullah Vishwavidyalaya, the Institute was affiliated to it along with MACT (Now MANIT) Bhopal and GEC, Bhopal. With the establishment of the Rajiv Gandhi University of Technology (RGPV) at Bhopal in 1998, the Institute was affiliated to this university.

The Institute has completed its 59 glorious years. During the last 59 years, the institute grew up in a big way. The institute which was started with 3 UG programmes in Engg., now offers six undergraduate courses in Engineering (B.Tech.), eight Post graduate courses in Engineering (ME/M.Tech.), Master of Business Administration (MBA), P.G. in Applied Chemistry and Full Time/Part- time Ph.D. programmes with approx 3000 students. Institute has academic autonomy status; Institute has got NAAC accreditation also. Two of our programes B.Tech. Mechanical and B.Tech. EI has accreditation from NBA. Institute has

well qualified, experienced & dynamic faculty to impart the high quality education in Engg./Technology, Science and Management. There are well equipped modern laboratories, well stocked Digital E-Library, sports facilities and other facilities to meet academic, Co- curricular extra-curricular activities, and other requirements. MHRD, Govt of India, New Delhi, has selected this institute under the World Bank Scheme TEQIP-III with financial assistance of Rs. 15.00 crores. The objective of the scheme is to establish Academic Excellence in the institute through various activities and to enhance the employability of UG/PG students.

Since its inception, Institute has played a significant role in developing human resources to meet the requirement of industries with ethics at home and abroad.

1.Educational Facilities

Laboratories

The Institute has latest well equipped laboratories in all the science and engineering departments capable of catering the needs of both undergraduate and post-graduate courses. In recent years, these laboratories have been extensively modernised with the help of grant received from the Government of India. The Institute has developed several new laboratories in advanced and emerging areas of science and technology capable of supporting post-graduate programmes and also research projects taken up by faculty and students.

Computer Facilities

Apart from a well established Computer Centre catering to the needs of the B.TECH. (Comp. Sc. & Engg./Information Tech.) Course and the computer science components of the various other B.TECH. courses, all the departments have developed their own computer facilities to cater to their post-graduate programmes as well as student projects which are becoming increasingly more computer oriented.

The Computer Application/Computer Science & Engg. Departments have developed major Computer Centers which cater to the Master of Computer Applications Programme/M.E. & M.Tech. as well as various other short term Courses. Likewise the Applied Mathematics Department, which is running a full-fledged advanced course of M.Sc. in Computer Science has developed its own Computer Centre. There is central "State-of-the-art" Computer Centre with latest 120 computer systems with multiple environment of computing and 100 mbps lease line NKN internet connectivity with round the clock accessibility to staff and students. All departments/Sections are connected under network.

Central Workshop

The Central Workshop already having all the conventional trade shops has been extensively modernised to cater to the needs of fabrication work involved in student projects and has a very modern Metrology Laboratory for precision measurements.

Central Library

The Library has a rich collection of all kinds of text and reference books related to all subjects of various disciplines of Engineering, Management, and Science. It has more than 75,000 volumes and subscribes to 105 national journals and technical magazines. It has an excellent collection of educational videos and CDs covering various subjects. The library extends Book Bank facility to all the students. The library remains

open from 9:00 AM to 8:00 PM on all working days.

The Central Library provides Open Access System facility to all its users. Central Library is managing Digital Library Solution (DLS) in which we are providing NPTEL Lecture videos (about 2500 Nos.) access facility throughout the Institute campus by Local Area Network (Intranet). Library also has been providing multiuser e-resources access in library as well as on the Local Area Network of the Institute through Internet. It also provides user-friendly Online Public Access Catalogue (OPAC) facility to make easy access of library documents. Institute is having consortium membership of e-shodhsindhu, New Delhi and INFLIBNET, Gandhi Nagar through Central Library.

Institute Library has subscribed to various e-journals databases i.e. Science Direct (Engineering & Computer sc.), J-gate for Engineering and Computer Sc., We are accessing various e-journals database. Our library is also a member of National Digital Library IIT Kharagpur.

Training and Placement Section

The Training and Placement Section has been established with emphasis on healthy Industry-Institute interface. This enables the students of institute to get placement opportunities in both on campus as well as off-campus recruitments. The department timely organizes various workshops and training sessions for the students, to train them and to make them familiar with different aspects of personality development and enhancement of their communication skills.

File Description	Document
Any other relevant information	View Document

5. CONCLUSION

Additional Information :

Few notable things are:

1. The Institute has a very learned and experienced members on its Board of Governors.
2. The Institute has several notable Alumni viz. Noel Laurette Shri.Kailash Satyarthi, Padm Shri Er.V.K.Chaturvedi, Former MD Nuclear Power Corporation, Er.P.B.Sharma, Former VC DTU, RGPV Bhopal and many more.

Concluding Remarks :

The Institute which was started in 1960 with three UG programs in CE, EE and ME has blossomed into a big Institute with several UG and PG programs. The Institute is working hard to maintain high standards in academics. It is quite noticeable that nearly 50% of its students come from weaker section of society and to transform into a qualified engineer with ethics is a tremendous job. This manpower contributes towards nation building. The Institute is fulfilling its duties quite religiously since last 61 years.

To keep with the changes in engineering and technology Institute has continuously upgraded its curriculum and infrastructure but still a lot to be done. The Institute is always open to suggestions for improvement from peers in this field and with this objective we continuously approach assessing bodies like NAAC and NBA and hence this proposal to NAAC for accreditation into 2nd cycle.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																				
1.1.2	<p>Percentage of Programmes where syllabus revision was carried out during the last five years.</p> <p>1.1.2.1. Number of all Programmes offered by the institution during the last five years. Answer before DVV Verification : 26</p> <p>1.1.2.2. How many Programmes were revised out of total number of Programmes offered during the last five years Answer before DVV Verification : 26 Answer after DVV Verification: 9</p>																				
1.2.1	<p>Percentage of new courses introduced of the total number of courses across all programs offered during the last five years.</p> <p>1.2.1.1. How many new courses are introduced within the last five years Answer before DVV Verification : 88 Answer after DVV Verification: 37</p> <p>1.2.1.2. Number of courses offered by the institution across all programmes during the last five years. Answer before DVV Verification : 867 Answer after DVV Verification: 867</p> <p>Remark : Input edited referring data uploaded by HEI. List of courses introduced is not signed by the Principal.</p>																				
1.3.2	<p>Number of value-added courses for imparting transferable and life skills offered during last five years.</p> <p>1.3.2.1. How many new value-added courses are added within the last five years Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> </tr> </thead> <tbody> <tr> <td>23</td> <td>23</td> <td>30</td> <td>24</td> <td>24</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> </tr> </thead> <tbody> <tr> <td>23</td> <td>23</td> <td>30</td> <td>24</td> <td>24</td> </tr> </tbody> </table>	2019-20	2018-19	2017-18	2016-17	2015-16	23	23	30	24	24	2019-20	2018-19	2017-18	2016-17	2015-16	23	23	30	24	24
2019-20	2018-19	2017-18	2016-17	2015-16																	
23	23	30	24	24																	
2019-20	2018-19	2017-18	2016-17	2015-16																	
23	23	30	24	24																	
1.4.1	<p>Structured feedback for design and review of syllabus – semester-wise / year-wise is received from</p> <p>1) Students, 2) Teachers, 3) Employers,</p> <p>4) Alumni</p>																				

	<p>Answer before DVV Verification : D. Any 1 of the above Answer After DVV Verification: E. None of the above Remark : Input edited as no evidence of feedback taken is given by HEI</p>																				
1.4.2	<p>The feedback system of the Institution comprises of the following :</p> <p>Answer before DVV Verification : D. Feedback collected Answer After DVV Verification: E. Feedback not obtained Remark : Input edited as no evidence of feedback taken is given by HEI</p>																				
2.1.2	<p>Average percentage of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy) during the last five years (exclusive of supernumerary seats)</p> <p>2.1.2.1. Number of actual students admitted from the reserved categories year wise during last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> </tr> </thead> <tbody> <tr> <td>386</td> <td>335</td> <td>353</td> <td>377</td> <td>386</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> </tr> </thead> <tbody> <tr> <td>312</td> <td>312</td> <td>312</td> <td>312</td> <td>312</td> </tr> </tbody> </table> <p>Remark : Input edited as Filled in seats should not exceed earmarked one. As per the data in extended profile 4.2. total no. Of reservation seats are 312.</p>	2019-20	2018-19	2017-18	2016-17	2015-16	386	335	353	377	386	2019-20	2018-19	2017-18	2016-17	2015-16	312	312	312	312	312
2019-20	2018-19	2017-18	2016-17	2015-16																	
386	335	353	377	386																	
2019-20	2018-19	2017-18	2016-17	2015-16																	
312	312	312	312	312																	
2.3.3	<p>Ratio of students to mentor for academic and other related issues (Data for the latest completed academic year)</p> <p>2.3.3.1. Number of mentors Answer before DVV Verification : 120 Answer after DVV Verification: 95</p>																				
2.4.3	<p>Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)</p> <p>2.4.3.1. Total experience of full-time teachers Answer before DVV Verification : 2265 Answer after DVV Verification: 1874.08</p>																				
3.2.1	<p>Grants received from Government and non-governmental agencies for research projects, endowments, Chairs in the institution during the last five years (INR in Lakhs)</p> <p>3.2.1.1. Total Grants from Government and non-governmental agencies for research</p>																				

projects , endowments, Chairs in the institution during the last five years (INR in Lakhs)

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
72.35	149.2	35	40	30

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
4.35	136.19	00	00	30

3.2.4 Average percentage of departments having Research projects funded by government and non-government agencies during the last five years**3.2.4.1. Number of departments having Research projects funded by government and non-government agencies during the last five years**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
6	6	0	0	1

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
12	11	0	0	1

3.2.4.2. Number of departments offering academic programmes

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
12	12	12	12	12

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
12	12	12	12	12

Remark : Input edited referring data uploaded by HEI.

3.4.4 Number of books and chapters in edited volumes / books published per teacher during the last five years**3.4.4.1. Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year-wise during last five years**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16

28	11	14	2	2
----	----	----	---	---

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
028	11	14	2	2

Remark : HEI has not provided copy of the Cover page, content page and first page of the publications for all the books

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

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

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
22	11	7	1	3

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
0	0	1	0	0

Remark : Input edited as E-copy of the award letters has been provided for year 2017 only.

3.6.3 Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., during the last five years (including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs)

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

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
14	15	9	6	11

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
10	8	4	6	9

Remark : Input edited by excluding National Festivals, International Yoga day, I got training,

Digital forum Etc.

3.6.4 Average percentage of students participating in extension activities listed at 3.6.3 above during the last five years

3.6.4.1. Total number of students participating in extension activities listed at 3.6.3 above year-wise during the last five years.

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
1290	905	810	2180	745

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
893	638	395	2135	665

Remark : Input edited according to 3.6.3

3.7.1 Number of Collaborative activities per year for research/ faculty exchange/ student exchange/ internship/ on –the-job training/ project work

3.7.1.1. Total number of Collaborative activities per year for research/ faculty exchange/ student exchange/ internship/ on –the-job training/ project work

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
3	2	1	1	0

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
0	0	0	0	0

Remark : Input edited as e Copies of collaboration/related documents indicating the nature of collaboration and activities have not been provided by HEI.

3.7.2 Number of functional MoUs with institutions of national, international importance, other institutions, industries, corporate houses etc. during the last five years (only functional MoUs with ongoing activities to be considered)

3.7.2.1. Number of functional MoUs with institutions of national, international importance, other Institutions, industries, corporate houses etc. year wise during last five years

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
3	7	10	2	1

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
0	0	0	0	0

Remark : Input edited as Signed MOUs copies are not uploaded by HEI for validation as per SOP.

4.1.3 Percentage of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc. (Data for the latest completed academic year)

4.1.3.1. Number of classrooms and seminar halls with ICT facilities

Answer before DVV Verification : 37

Answer after DVV Verification: 35

Remark : Input edited referring metrics 4.3 Geo tagged photographs have not been provided by HEI.

4.1.4 Average percentage of expenditure for infrastructure augmentation excluding salary during the last five years (INR in Lakhs)

4.1.4.1. Expenditure for infrastructure augmentation, excluding salary year-wise during last five years (INR in lakhs)

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
17	48	21.24	181.1592 7	20.95426

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
558.0358	551.6335	490.3800	453.1752	414.3544

Remark : Input edited referring audited statement uploaded by HEI.

4.2.3 Average annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)

4.2.3.1. Annual expenditure of purchase of books/e-books and subscription to journals/e-journals year wise during last five years (INR in Lakhs)

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
26.62	9.01	7.67	1.29	19.85

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
24.33	11.09	7.67	0.22	20.92

Remark : Input edited referring data uploaded by HEI.

4.2.4 Percentage per day usage of library by teachers and students (foot falls and login data for online access) during the last completed academic year

4.2.4.1. Number of teachers and students using library per day over last one year

Answer before DVV Verification : 148

Answer after DVV Verification: 125

Remark : Input edited referring data uploaded by HEI.

4.4.1 Average percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the last five years

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)

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
719.7607 2	1753.933 6	168.5632	615.7561 8	109.4532 46

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
81.49894	40.57543	35.42065	22.45902	17.826

Remark : Input edited by considering only repair and maintenance of physical facilities and AMC for academic facilities.

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

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

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
969	956	941	988	829

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
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969	968	941	988	829
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Remark : Input edited referring data uploaded by HEI. Sanction letter of scholarship has not been uploaded by HEI.

5.1.3 Following Capacity development and skills enhancement activities are organised for improving students capability

1. Soft skills

2. Language and communication skills

3. Life skills (Yoga, physical fitness, health and hygiene)

4. Awareness of trends in technology

Answer before DVV Verification : A. All of the above

Answer After DVV Verification: D. 1 of the above

Remark : Input edited referring supporting documents uploaded by HEI.

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

5.3.1.1. Number of awards/medals won by students for outstanding performance in sports / cultural activities at inter-university / state / national / international events (award for a team event should be counted as one) year - wise during the last five years.

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
47	38	04	1	0

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
0	0	0	0	0

Remark : Input edited as HEI has not provided any sport/cultural certificate at university/state/national/international level award to validate the claim

5.3.3 Average number of sports and cultural events / competitions organised by the institution per year

5.3.3.1. Number of sports and cultural events / competitions organised by the institution year - wise during the last five years.

Answer before DVV Verification:

--	--	--	--	--

2019-20	2018-19	2017-18	2016-17	2015-16
50	44	46	45	27

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
29	3	15	12	3

Remark : Input edited as Sports and culture consider as one event each. Events cannot be split into activities. If the events held on the same day considered to be as one

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.

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

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
84	86	120	90	85

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
84	086	120	90	85

Remark : Audited statement of account highlighting the financial support to teachers to attend conferences/workshops and towards membership fee for professional bodies has not been provided by HEI.

6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP) during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).

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

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
91	95	85	45	40

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16

38	75	70	35	30
----	----	----	----	----

Remark : Input edited by considering only 5 days and above FDPS as per SOP

7.1.2	<p>The Institution has facilities for alternate sources of energy and energy conservation measures</p> <ol style="list-style-type: none"> 1. Solar energy 2. Biogas plant 3. Wheeling to the Grid 4. Sensor-based energy conservation 5. Use of LED bulbs/ power efficient equipment <p>Answer before DVV Verification : C. 2 of the above Answer After DVV Verification: C. 2 of the above Remark : Input edited As per the supporting documents</p>
7.1.4	<p>Water conservation facilities available in the Institution:</p> <ol style="list-style-type: none"> 1. Rain water harvesting 2. Borewell /Open well recharge 3. Construction of tanks and bunds 4. Waste water recycling 5. Maintenance of water bodies and distribution system in the campus <p>Answer before DVV Verification : A. Any 4 or all of the above Answer After DVV Verification: C. 2 of the above Remark : Input edited referring supporting documents uploaded by HEI.</p>
7.1.5	<p>Green campus initiatives include:</p> <ol style="list-style-type: none"> 1. Restricted entry of automobiles 2. Use of Bicycles/ Battery powered vehicles 3. Pedestrian Friendly pathways 4. Ban on use of Plastic 5. landscaping with trees and plants <p>Answer before DVV Verification : Any 4 or All of the above Answer After DVV Verification: Any 4 or All of the above Remark : Input edited referring supporting documents uploaded by HEI.</p>
7.1.6	<p>Quality audits on environment and energy regularly undertaken by the Institution and any awards received for such green campus initiatives:</p> <ol style="list-style-type: none"> 1. Green audit 2. Energy audit 3. Environment audit

4. **Clean and green campus recognitions / awards**
 5. **Beyond the campus environmental promotion activities**

Answer before DVV Verification : C. 2 of the above

Answer After DVV Verification: D.1 of the above

Remark : Input edited referring supporting documents uploaded by HEI.

7.1.7	<p>The Institution has disabled-friendly, barrier free environment</p> <ol style="list-style-type: none"> Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading <p>Answer before DVV Verification : C. 2 of the above Answer After DVV Verification: D.1 of the above Remark : Input edited referring data given by HEI.Bills and invoice/purchase order/AMC in support of facility have not been provided by HEI</p>
7.1.10	<p>The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.</p> <ol style="list-style-type: none"> The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on Code of Conduct are organized <p>Answer before DVV Verification : A. All of the above Answer After DVV Verification: C. 2 of the above Remark : Input edited referring supporting documents uploaded by HEI.</p>

2.Extended Profile Deviations

ID	Extended Questions																				
1.1	<p>Number of programs offered year-wise for last five years</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="193 1792 986 1906"> <thead> <tr> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> </tr> </thead> <tbody> <tr> <td>14</td> <td>21</td> <td>25</td> <td>26</td> <td>26</td> </tr> </tbody> </table> <p>Answer After DVV Verification:</p> <table border="1" data-bbox="193 1984 986 2080"> <thead> <tr> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	2019-20	2018-19	2017-18	2016-17	2015-16	14	21	25	26	26	2019-20	2018-19	2017-18	2016-17	2015-16					
2019-20	2018-19	2017-18	2016-17	2015-16																	
14	21	25	26	26																	
2019-20	2018-19	2017-18	2016-17	2015-16																	

15	20	22	26	26
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2.1 **Number of students year-wise during last five years**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
2212	2343	2494	2462	2710

Answer After DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
820	703	637	707	646

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

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
671	710	738	816	829

Answer After DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
515	543	515	537	517

2.3 **Number of students appeared in the examination conducted by the Institution, year-wise during the last five years**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
2212	2343	2494	2642	2710

Answer After DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
2193	2254	2403	2249	2556

2.4 **Number of revaluation applications year-wise during last five years**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
384	411	296	230	430

Answer After DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
0	265	185	172	167

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

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
121	123	124	135	135

Answer After DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
95	95	95	95	95

4.1 **Number of eligible applications received for admissions to all the programs year-wise during last five years**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
2212	2343	2494	2642	2710

Answer After DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
820	703	638	707	674

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

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
366	483	483	513	522

Answer After DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
312	312	312	312	312

4.3 **Total number of classrooms and seminar halls**

Answer before DVV Verification : 37

Answer after DVV Verification : 35

4.4 **Total number of computers in the campus for academic purpose**

Answer before DVV Verification : 765

Answer after DVV Verification : 618

4.5 **Total Expenditure excluding salary year-wise during last five years (INR in Lakhs)**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
1225.7	583.08	247.84	275.78	224.95

Answer After DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
180.44	79.04779	157.9899	275.78	224.95

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