YEARLY STATUS REPORT - 2020-2021

	Part A
	Data of the Ins
1.Name of the Institution	BR
• Name of the Head of the institution	Dr
• Designation	Pr
• Does the institution function from its own campus?	Ye
• Phone no./Alternate phone no.	91
• Mobile no	98
• Registered e-mail	bm
• Alternate e-mail	ma
• Address	BM So
• City/Town	So
• State/UT	Ma
• Pin Code	41
2.Institutional status	
• Affiliated /Constituent	Af

• Type of Institution	Co
• Location	Ru
• Financial Status	Se
• Name of the Affiliating University	Pu
• Name of the IQAC Coordinator	Pr
• Phone No.	93
• Alternate phone No.	91
• Mobile	97
• IQAC e-mail address	bm
• Alternate Email address	ma

3.Website address (Web link of the AQAR (Previous Academic Year)	ht
4.Whether Academic Calendar prepared during the year?	Ye
• if yes, whether it is uploaded in the Institutional website Web link:	ht ca

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation
Cycle 1	B+	2.54	2018

6.Date of Establishment of IQAC	08
7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World	

Institutional/Department /Faculty	Scheme	Funding Agen
BMIT/ME/Prof V A Bagale	TARE	DST

8.Whether composition of IQAC as per latest NAAC guidelines	Ye
• Upload latest notification of formation of IQAC	Vi
9.No. of IQAC meetings held during the year	3

• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	Ye

10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

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

1.AQAR is prepared to submit.
3. MoU and placement of students increased.
4. Due to Industry Institute Interaction quality of industry related pr
5. Focused more for core company campus recruitment for every branch.

12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Q

Plan of Action	Achievements/Outc
To prepare AQAR for NAAC	Submitted Succ
National level Event to be organised for students to develop managerial, technical and life learning skills	TeckViveka 2K2 nontechnical E
To prepare students for placement.	Technical, sof
Parents Meet	Parents Meet c and used for i
Project Exhibition to be arranged by Final year students.	Project Exhibi and implementa

13.Whether the AQAR was placed before statutory body?	Ye

• Name of the statutory body

Name	Da
Governing Body	2

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2020	09/01/2020

15.Multidisciplinary / interdisciplinary

PROGRAMME OBJECTIVES

   1. PROGRAM EDUCATIONAL OBJECTIVES

1.	Deliver fundamental as well as advanced knowledge with research initiatives in the field of electrical engineering with emphasis on state of the art technology.
2.	Graduates will demonstrate measurable progress in the fields they choose to pursue.
3.	Design and develop technically feasible solutions for real world applications which are economically viable leading to societal benefits.
4.	To nurture Graduates to be sensitive for ethical, societal and environmental issues while conducting their professional work.

1. **PROGRAMME OUTCOMES**

Students attain the following outcomes:-

1	**Engineering knowledge**: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2	**Problem analysis**: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3	**Design/development of solutions**: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
4	**Conduct investigations of complex problems**: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5	**Modern tool usage**: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
6	**The engineer and society**: Apply reasoning informed by the contextual knowledge to

	assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
7	**Environment and sustainability**: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8	**Ethics**: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9	**Individual and team work**: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10	**Communication**: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
11	**Project management and finance**: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
12	**Lifelong learning**: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

1. PROGRAMME SPECIFIC OUTCOMES

1	An ability to specify, design and analyze Power System, Electrical Machinery, Electronic Circuits, Drive Systems, Lightning Systems and deliver technological

solution by adapting advances in allied disciplines. |
| 2 | Apply knowledge of electrical engineering to meet the desired needs within

realistic constraints viz. economical, ethical, and environmental and safety. |
| 3 | Apply modern software tools for design, simulation and analysis of electrical

systems to successfully adapt in multi-disciplinary environments. |

Honors Degree - Electrical Vehicle I

WEF batch of 2020-21

Course Code	Course Name	Hrs./week			Credits	Examination Scheme			
		L	T	P		ISE	ESE	ICA	Total
SY Sem II									
Hn411	Electric Vehicle Technology	3		2	4	30	70	25	125
TY Sem I									
Hn512	Electric Motors and Controls for Electric Vehicle	3	1		4	30	70	25	125
TY Sem II									
	Seminar			2*	1			25	25
Hn613	Energy Management System for Electric Vehicle	3		2	4	30	70	25	125
B Tech Sem I									
Hn714	Testing And Certification of Electric And Hybrid Vehicles	3		2	4	30	70	25	125
	Mini Project			4*	2		50	50	100
Sub Total		**12**	**1**	**12**	**19**	**120**	**330**	**175**	**625**

- indicates contact hours Note:
  1. Curriculum of Honors specialization can be common between diffe
  2. Total Credits to be earned for each Honors specialization will
     in their regular curriculum
  3. Students can opt for only one Honors specialization along with

Honors Degree - Sustainable Power Sy Engineering

WEF batch of 2020-21

	Course Name	Hrs./week			Credits	Examination Scheme			
		L	T	P		ISE	ESE	ICA	Total
SY Sem II									
Hn421	Advanced and Sustainable Energy Sources	3	1		4	30	70	25	125
TY Sem I									
Hn522	Smart Energy Management System	3		2	4	30	70	25	125
TY Sem II									
	Seminar			2*	1			25	25
Hn623	Distributed Energy Integration	3		2	4	30	70	25	125
B Tech Sem I									
Hn724	AI Applications To Power Systems Management	3		2	4	30	70	25	125
	Mini Project			4*	2		50	50	100
Sub Total		**12**	**1**	**12**	**19**	**120**	**330**	**175**	**625**

- **indicates contact hours Note:**

1. **Curriculum of Honors specialization can be common between different**
2. **Total Credits to be earned for each Honors specialization will be 1 their regular curriculum**

Students can opt for only one Honors specialization along with their re

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16. Academic bank of credits (ABC):

Punyashlok Ahilyadevi Holkar Solapu

NAAC Accredited- 2015 'B' Grade

(CGPA 2.62)

Name of the Faculty: Enginieering & Technology

CHOICE BASED CREDIT SYSTEM

Syllabus: ELECTRICAL ENGINEERING

Name of the Course: B.Tech Electrica
(Syllabus to be implemented from w.e

Punyashlok Ahilyadevi Holkar Solapur University, Solapur Faculty of Eng

B.Tech (Electrical Engineering)

PROGRAMME: BACHELOR OF ELECTRICAL ENGINEERING P
OBJECTIVES

1. PROGRAM EDUCATIONAL OBJECTIVES

1.	Deliver fundamental as well as advanced knowledge with research initia the field of electrical engineering with emphasis on state-of-the-art technology.
2.	Graduates will demonstrate measurable progress in the fields they choo pursue.
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3	**Design/development of solutions**: Design solutions for complex engineer problems and design system components or processes that meet the speci with appropriate consideration for the public health and safety, and th cultural, societal, and environmental considerations.
4	**Conduct investigations of complex problems**: Use research-based knowled research methods including design of experiments, analysis and interpre data, and synthesis of the information to provide valid conclusions.
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6	**The engineer and society**: Apply reasoning informed by the contextual k assess societal, health, safety, legal and cultural issues and the cons responsibilities relevant to the professional engineering practice.

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11	**Project management and finance**: Demonstrate knowledge and understandin engineering and management principles and apply these to one's own wor member and leader in a team, to manage projects and in multidisciplina environments.
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3	Apply modern software tools for design, simulation and analysis of ele[...] systems to successfully adapt in multi- disciplinary environments.

Punyashlok Ahilyadevi Holkar Solapu[...] ENGINEERING

Syllabus Structure

S.Y. B.Tech (Electrical Engineering) w. e. f. Academic Year 2021-22

T.Y. B.Tech (Electrical Engineering) w. e. f. Academic Year 2022-23 Fin[...] 2023-24

Punyashlok Ahilyadevi Holkar So
Faculty of Engineering & Technology

S.Y. B Tech. (Electrical Engineering

*Choice Based Credit System Syllabus Structure of S.Y. B. Tech. Electric
22*
Semester I

Course Code	Theory Course Name	Hrs./week			Credits	Examination Scheme			
		L	T	P		ISE	ESE	ICA	Tot
EL 211	Engineering Mathematics-III	2	1		3	30	70	25	125
EL 212	Electrical Machines-I	3	–		3	30	70	–	100
EL 213	Electrical Measurement and Instrumentation	3	–		3	30	70	–	100
EL 214	Power System I	3	1		4	30	70	25	125
EL 215	Electronic Devices and Circuits	3	–		3	30	70	–	100
EL 216	Object Oriented Programming with C++	1	–		--	--	--	–	--
Sub Total		**15**	**2**	**–**	**16**	**150**	**350**	**50**	**550**
Environmental Science		1							
Laboratory Course Name									
							ESE		
							POE	OE	
EL 212	Electrical Machines-I	–	–	2	1	–	50	–	25	75
EL 213	Electrical Measurement and Instrumentation	–	–	2	1	–	50	–	25	75
EL 215	Electronic Devices and Circuits	–	–	2	1	–		–	25	25
EL 216	Object Oriented Programming with C++	–	–	2	1	–	50	–	25	75
Sub Total		**–**	**–**	**8**	**4**		**150**		**100**	**250**
Grand Total		**15**	**2**	**8**	**20**	**150**	**500**		**150**	**800**

- - Abbreviations: L- Lectures, P –Practical, T- Tutorial, ISE- In semes
      Assessment, ESE – University Examination (Theory &/ POE &/Oral exam

Punyashlok Ahilyadevi Holkar So.
Faculty of Engineering & Technology

S. Y. B. Tech. (Electrical Engineering)

Choice Based Credit System Structure of S.Y.B.Tech. Electrical Engineer

Course Code	Theory Course Name	Hrs./week			Credits	Examination Scheme			
		L	T	P		ISE	ESE	ICA	T
EL 221	Numerical Methods and Linear Algebra	2	1	–	3	30	70	25	1
EL 222	Electrical Machines-II	3	–	–	3	30	70	–	1
EL 223	Power System II	3	1	–	4	30	70	25	1
EL 224	Analog & Digital Integrated circuits	3	–	–	3	30	70	–	1
EL 225	Network Analysis	3	–	–	3	30	70	–	1
Sub Total		14	2	–	16	150	350	50	5
Environmental Science		1	–	–	–	–	–	–	–
Laboratory Course Name									
							ESE		
							POE	OE	
EL 222	Electrical Machines-II	–	–	2	1	–	50	–	25	7
EL 225	Network Analysis	–	–	2	1	–	50	–	25	7
EL 224	Analog & Digital Integrated circuits	–	–	2	1	–	–	–	25	2
EL 226	Computer Aided Design and Simulation	–	–	2	1	–	50	–	25	7
Sub Total		–	–	8	4	–	150		100	2
Grand Total		14	2	8	20	150	500		150	8

- *Abbreviations: L- Lectures, P –Practical, T- Tutorial, ISE- In Sem*
  Assessment, ESE – University Examination (Theory &/ POE &/Oral exam

Note –

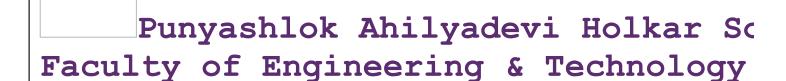- Batch size for the SE practical /tutorial shall be of 20 students.
  exceeds 9, then a new batch shall be formed.
- Vocational Training (evaluated at B.E. Part-I) of minimum 15 days s
  B.E. Part-I & and evaluated on the basis of presentation as well as
- Student shall select one Self Learning Module at T.E. Part I and T.
- Sciences Group with at least one Self Learning Module from the Huma
- Curriculum for Humanities and Social Sciences Self Learning Modules
  Engineering and Technology
- Minimum four assignments for Self-Learning Modules at T.E. Part I a
  evaluated by a Module Coordinator assigned by institute / departmen
- Project group for T.E.(Electrical) Part II Mini Project shall not b
- Project group for B.E. (Electrical) Part I and Part II shall not be
- ICA shall be a continuous process based on student's performance in
  laboratory books and their interaction and attendance for theory an

Punyashlok Ahilyadevi Holkar So.
Faculty of Engineering & Technology

T. Y. B. Tech. (Electrical Engineering)

Choice Based Credit System Syllabus Structure of T. Y .B.Tech. Electric
23
Semester I

Course code	Theory Course Name	Hrs./week			Credits	Examination Scheme			
		L	T	P		ISE	ESE	ICA	Tot
EL 311	Power System III	3	–	–	3	30	70	–	100

EL 312	Linear Control System	3	–	–	3	30	70	–	100
EL 313	Microprocessor and Microcontroller	3	–	–	3	30	70	–	100
EL 314	Electromagnetic Engineering	3	1	–	4	30	70	25	125
EL 315	Open Elective-I	2	1	–	3	30	70	25	125
EL 316	Self-Learning Module-I			–	2		50		50
Sub Total		**14**	**2**	**-**	**18**	**150**	**400**	**50**	**600**

Laboratory Course Name

						ESE			
						POE	OE		
EL 311	Power System III	–	–	2	1	–	–	25	25	50
EL 312	Linear Control System	–	–	2	1	–	–	25	25	50
EL 313	Microprocessor and Microcontroller	–	–	2	1	–	50	–	25	75
EL 317	Electrical Workshop	–	–	2	1	–	–	–	25	25
Sub Total		**-**	**-**	**8**	**4**	**-**	**100**		**100**	**200**
Grand Total		**14**	**2**	**8**	**22**	**150**	**500**		**150**	**800**

- ○ ***Abbreviations: L- Lectures, P –Practical, T- Tutorial, ISE- In semes Assessment, ESE – University Examination (Theory &/ POE &/Oral exam***

Punyashlok Ahilyadevi Holkar So
Faculty of Engineering & Technology

T. Y. B. Tech. (Electrical Engineering)

Choice Based Credit System Structure of T.Y.B .Tech. Electrical Enginee

Course Code	Theory Course Name	Hrs./week			Credits	Examination Scheme			
		L	T	P		ISE	ESE	ICA	Total
EL 321	Electrical Machine Design	3	–	–	3	30	70	–	100
EL 322	Electrical Utilization	3	1	–	4	30	70	25	125
EL 323	Power Electronics	3	–	–	3	30	70	–	100
EL 324	Advanced Control Systems	3		–	3	30	70	–	100
EL 325	Open Elective-II	2	1	–	3	30	70	25	125
EL 326	Self-Learning Module-II	–	–	–	2	––	50	–	50
Sub Total		**14**	**2**	**–**	**18**	**150**	**400**	**50**	**600**
Laboratory Course Name									
							ESE		
							POE	OE	
EL 321	Electrical Machine Design	–	–	2	1	–	––	25	25	50
EL 323	Power Electronics	–	–	2	1	–	50	–	25	75
EL 325	Advanced Control Systems	–	–	2	1	–	–	–	25	25
EL 327	Mini Hardware Project	–	–	2	1	–	–	25	25	50
Sub Total		**–**	**–**	**8**	**4**	**–**	**100**		**100**	**200**
Grand Total		**14**	**2**	**8**	**22**	**150**	**500**		**150**	**800**

Abbreviations: L- Lectures, P –Practical, T- Tutorial, ISE- In Semester
Assessment, ESE – University Examination (Theory &/ POE &/Oral examinat

Self-Learning Module-II:

1. **Hybrid Electric Vehicle Design**
2. **Electrical Safety**
3. **Solar Photovoltaic System Design & Installation**
4. **NPTEL Course**

Note –

- Batch size for the TE practical /tutorial shall be of 15 students.
  exceeds 7, then a new batch shall be formed.
- Vocational Training (evaluated at B.E. Part-I) of minimum 15 days s
  B.E. Part-I & and evaluated on the basis of presentation as well as
- Student shall select one Self Learning Module at T.E. Part I and T.
- Sciences Group with at least one Self Learning Module from the Huma
- Curriculum for Humanities and Social Sciences Self Learning Modules
  Engineering and Technology
- Minimum four assignments for Self-Learning Modules at T.E. Part I a
  evaluated by a Module Coordinator assigned by institute / departmen
- Project group for T.E.(Electrical) Part II Mini Project shall not b
- Project group for B.E.(Electrical) Part I and Part II shall not be
- ICA shall be a continuous process based on student's performance in
  laboratory books and their interaction and attendance for theory an
- Open Elective I & II shall be common and open for the students of t
  Telecommunication Engineering and Electrical Engineering. Students
  and university examination question will be same for all these bran

List of Open Electives

Sr. No.	Open Elective I	Open Elective II
1	Information Technology & Management	Operating Systems
2	Special Purpose Machines	Power System Planning
3	Business Ethics	Optical Communication
4	Managerial Economics	Sensors and Applications

Punyashlok Ahilyadevi Holkar So
Faculty of Engineering & Technology

B.Tech (Electrical Engineering)

Choice Based Credit System Syllabus Structure of B.Tech Electrical Engi
2024
Semester I

Course Code	Theory Course Name	Hrs./week			Credits	Examination Scheme			
		L	T	P		ISE	ESE	ICA	Tot
EL 411	Industrial Drives Control	3	–	–	3	30	70	–	100
EL 412	Power System and Operation Control	3	–	–	3	30	70	–	100
EL 413	Signals and System	3	1	–	4	30	70	–	100
EL 414	Switchgear and Protection	3	–	–	3	30	70	–	100
EL 415	Elective-I	3	1	–	4	30	70	25	125
Sub Total		15	2	–	17	150	350	25	525
Laboratory Course Name									
							ESE		
							POE	OE	
EL 411	Industrial Drives Control	–	–	2	1	–	50	–	25	75
EL 412	Power System and Operation Control	–	–	2	1				25	25
EL 414	Switchgear and Protection	–	–	2	1	–	–	50	25	75
EL 416	Seminar on Industrial Training	–	–	–	–	–	–	–	25	25
EL 417	Project Phase-I	–	–	4	2	–	–	50	25	75
Sub Total		--	–	10	5	–	150		125	275
Grand Total		15	2	10	22	150	500		150	800

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Punyashlok Ahilyadevi Holkar So
Faculty of Engineering & Technology

B.Tech (Electrical Engineering)

Choice Based Credit System Syllabus Structure of B.Tech Electrical Engi

Course Code	Theory Course Name	Hrs./week			Credits	Examination Scheme			
		L	T	P		ISE	ESE	ICA	Tot
EL 421	Power Quality & FACTS	4	–	–	4	30	70	–	100
EL 422	Extra High Voltage AC Transmission	4	–	–	4	30	70	25	125
EL 423	Elective –II	3	–	–	3	30	70	–	100
Sub Total		**11**	**-**	**-**	**11**	**90**	**210**	**25**	**325**
Laboratory Course Name									
							ESE		
							POE	OE	
EL 421	Power Quality & FACTS	–	–	2	1	–	–	50	25	75
EL 422	Extra high voltage AC transmission	–	–	2	1	–	–	50	25	75
EL 423	Elective –II	–	–	2	1	–	–	–	25	25
EL 424	Project Phase-II	–	–	8	4	–	100	–	100	200
Sub Total		**-**	**-**	**14**	**7**	**-**	**200**		**175**	**375**
Grand Total		**11**	**-**	**14**	**18**	**90**	**410**		**200**	**700**

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Elective I		Elective II	
Course Code	Course	Course Code	Course
EL 415.1	Energy Audit and Management	EL 423.1	Renewable Energy Sources
EL 415.2	Digital Signal Processing	EL 423.2	Neural Network & Fuzzy Logic
EL 415.3	Programmable Logic Control and SCADA	EL 423.3	Electrical Estimation and Installation
EL 415.4	High Voltage Engineering	EL 423.4	Power System Dynamics and stability
EL 415.5	Advanced Electrical Drives	EL 423.5	Instrumentation Process Control & Robotics

Note –

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- Project group for B.E. (Electrical) Part I and Part II shall not be

ICA shall be a continuous process based on student's performance in – c laboratory books and their interaction and attendance for theory and la

17.Skill development:

College organizes and conducted several activities to build and promote the students and staff. To develop the emotional and religious feelings celebrated on the campus with the initiative and support of the managem cultural and regional festivals like, teacher's day, Induction program, institute's efforts/initiatives in providing an inclusive environment f regional, linguistic, communal socioeconomic, and other diversities

Constitution Day is celebrated on 26th November every year. The program
by oath on the sensitization of students on responsibility towards the
citizens

Every year Institute celebrates Republic Day, Maharashtra Day and Indep
celebration is attended by Students, Teaching and Non-teaching Staff, I
national integrity is the programBlood Donation Every year institute or
District General Hospital and/or Rotary Club. The students are sensitiz
participate in saving the life of citizens of India.The students are en
awareness among citizens on social issues like road safety

18. Appropriate integration of Indian Knowledge system (teaching in Indian Language, cultur

As big goals can take years to achieve but measurable goals along the w
principle, the chief goals are divided into small achievable fragments.
need to focus on the current semester only. In one semester, for develo
along with the methodology to achieve them are specified and those are
goal. This booklet is a micro level monitoring guide which helps studen
significant attention, help, advice, information, and encouragement to
time-table. For the students admitted to first year of engineering, the
semesters for the students admitted to direct second year of engineerin
appointed.

Students interact weekly with the appointed faculty adviser.

"Guardian Teacher Hour" is used to discuss the effective methodologies
to acquire the technical and co[1]curricular skills. In the given one
hour session, guardian teacher helps the students at individual level
to raise their interest in academic study.

Mentor motivates the students to participate in NSS activities like
blood donation, tree plantation, Swaccha Bharat Mission to make them
aware about social responsibilities. The booklet plays important role
in the achievement of program outcomes (graduate attributes). "Mission

Be-mighty" activity helps students enriching all areas of career development and find suitable employment carrying unique mentorship. 5. Evidence of Success: The evidences of this practice have two aspects. Keeping the record and measurement of outcomes. The booklets of all admitted students are preserved for record keeping in which students and the appointed guardian teachers enter the semester wise data. Thus the booklets are major evidences. The students found acquiring other skills than academics in alignment with employability prescribed in the booklet. The number of aspirants for higher education is slowly increasing. Mr. Anmol Ganer alumnus of our institute has chosen modern painting as his career. He had started Anmol Art Foundation at Nagpur. Mr. Shadab Mulla alumnus of our institute had joined Indian Engineering Services. Mr. Vishwas Shinde (Alumnus) has joined the Vigyan Aashram NGO A/P Pabal, Pune which conducts skill development programs for HSC and SSC failed students. Hence our students are developing their career in different fields. The students having average score in qualifying examination passed BE with good marks. 6. Problems encountered and Resources Required: "Mission Be-mighty" activity requires a booklet of 20 pages or a diary for keeping semester wise record of students. Every year we need to print the booklets as per the new admissions. It is crucial to keep the record of alumni students. Handling over the booklets of passed students to newly appointed guardian teacher from previous mentor and keeping the booklets of failed students till they enter in next year is difficult. It is important to increase the involvement of parents in this practice. The practice is successfully running till date. If the booklet gets misplaced then it is difficult to recover the data as there is no back up in soft form. 7. Notes: All the students admitted in the institute are provided with a "Be Mighty" booklet of 20 pages. Alumni meet is conducted by the institute every year which helps to maintain the record of alumni students. In "Mission Be-mighty" mentoring activity, the allotted guardian teacher guides the failed students synchronizing with regular students. To increase the involvement of parents in the activity, we conduct parent-teacher-student meet in every semester. The activity of record keeping will become easy if it is maintained in soft form.

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

Academic excellence is the major area which makes our vision distinctive. Since inception, the institute is taking consistent efforts to establish strong teaching-learning process. Student's

academic performance is monitored continuously through regular unit test, mid-term, practical and oral examination, preliminary examination. Remedial classes and laboratory sessions are conducted for

slow learners. Every department prepares academic calendar in line with the institute level academic calendar before the commencement of

semester which helps students and teachers to orient in right direction Regular student feedbacks and continuous student assessment help to monitor quality delivery of the curriculum and significant improvements. To record and monitor performance of students in academics and various extra, cocurricular activities, technical skills, a special booklet is designed, named "Mission Be- mighty" which is maintained through guardian teachers. This scheme improves bonding between the faculty and the students and they

feel free to share any kind of problem. It further improves the performance of the students, and ultimately niversity results and placement To achieve high standards in Research and Development. - Research projects – Educational and Social research project will be taken into consideration. - To improve Core Computational and ICT facility. - To take up consultancy projects - - To implement some modules of ERP system. - To encourage faculty for doing Ph.D, recruit faculty having Ph.D qualification which will give better ranking in NIRF 2021 - To establish Incubation centre. - To promote more Industry and Premier Institute connectivity. - To establish Industry sponsored Laboratory. - To sign 3 MOUs for each department as well as MOU with BARC. - To organize international conference and FDP/STTP programmes. - To lay a path to upgrade grade of NAAC

20.Distance education/online education:

It is essential for the students to learn and use through the latest technologies for the corporate ready. Teachers are combining technology with traditional mode of instruction to engage students in long term learning and the ICT tools. The Institute is familiar with Information and Communication Technology (ICT) in education to support, enhance, and optimize the delivery of education. The following tools are used by the Institute as ICT Tools:

1. Projectors- Ample number of projectors are available in different classrooms/labs.
2. Desktop and Laptops- More than sufficient number are arranged at Computer Lab and Faculty cabins all over the campus.
3. Printers- They are available at Labs, HOD Cabins and all prominent places.
4. Photocopier machines - Multifunction printers are available at all prominent places in the institute.
5. Scanners- Multifunction printers are available at all prominent places.
6. Seminar Rooms- Three seminar halls are equipped with all digital facilities.
7. Smart Board- One smart board is installed in the campus.
8. Online Classes through Microsoft Team
9. MOOC Platform (NPTEL, Coursera, SAP, Udemy, Edx etc)
10. Digital Library resources (DEL NET).

ICT facility use by Faculty:

1. PowerPoint presentations- Faculties are preparing power- point presentations in their teaching by using LCD's and projectors.

They are also equipped by digital library, online search engines and websites to prepare effective presentations.

2. Industry Connect- Seminars and Conference room are digitally equipped for guest lectures, expert talks and various competitions are regularly organized by students.

3. Online quiz- The online quiz for students after the completion of each unit with the help of Microsoft Teams.

4. Video Conferencing- The counselling of Students is done by the help of Microsoft Team applications.

5. Video lecture- As a part of curriculum the recording of video lectures is made available to students for long term learning and future referencing.

6. Online competitions- The various technical events and management events are conducted with the help of ICT tools such as paper presentations, Business quiz, Debates, paper presentations etc.

7. Workshops- It is important to say that ICT tools are much more effective for conducting workshops on latest methods.

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	5

File Description	Documents
Data Template	[View File](#)

2.Student

2.1 Number of students during the year	1011

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

2.2	307

Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year

File Description	Documents
Data Template	[View File](#)

2.3 Number of outgoing/ final year students during the year	224

File Description	Documents
Data Template	[View File](#)

3.Academic

3.1 Number of full time teachers during the year	66

File Description	Documents
Data Template	No File Uploaded

3.2 Number of sanctioned posts during the year	59

File Description	Documents
Data Template	[View File](#)

4.Institution

4.1 Total number of Classrooms and Seminar halls	21
4.2 Total expenditure excluding salary during the year (INR in lakhs)	16196355
4.3 Total number of computers on campus for academic purposes	382

Part B
CURRICULAR ASPECTS
1.1 - Curricular Planning and Implementation
1.1.1 - The Institution ensures effective curriculum delivery through a well planned and docum

Every Academic Year, to ensure the effectiveness of curriculum delivery
is planned thoroughly as depicted in Institution as well as Departmenta
Calender. Brahmadevdada Mane Institute of Technology (BMIT) is affiliat
University (SU).

At the beginning of each Academic Year, an Academic Calendar is prepare
previous year's activities are taken into consideration and this is use
discrepancies.The Academic Calender includes all the scheduled curricul
curricular and extra-curricular activities in tabular format. Correspon
conducted are documented in Academic Diary.

BMIT follows and implements the curriculum designed and recommended by

Subject distribution for each semester is done by HOD's as per facultie
specialization.

Time table co-ordinators of each department, in consultation with respe
prepares the time table.

All faculties prepares a course file which include : Teaching plan appr
Principal, Time table, Intensive lecture notes (hard and soft copies),
Record, Assignment questions, University question paper with sample sol

Acaedemic monitoring is done timely by Academic monitoring committee.

Parent -Teacher -Student meet is conducted in mid semester to convey st
to parents. Corrective action is done by the feedback received.

A Guardian Teacher is appointed to a group of students. He is responsib
development of his batch with the help of BEMIGHTY booklet.

The theoretical and practical (industrial) aspects are co-related by co
industrial visit for the students. In order to get the feel of industry
environment each student has to undertake Vocational Training of 2 week

Regular class test, Surprise test, MCQ objective test and In- semester
conducted

as internal assesment and to take review of the academic progress of th

As per the syllabus student has to prepare a mini project based on the
knowledge gained by the students.

Various co-curricular competitions, events conducted by student associa
helpful for curriculum development.

Faculty attends STTP/ FDP and update / upgrades their knowledge.

MOU's done with various industries, benefits students during vocational
expert talk, industrial visits & for getting field projects.

Remedial classes for backlog students / slow learners are conducted.

Library faciliates adequate numbers of titles & volumes of text books a
books recommended by the University. It also has national and internati
In book loan scheme, each student is given 5 books.

Skill enhancement activities such as a skill development programs, add
workshops, seminars group discussions and paper presentations are arran
the teaching learning process.

Project Exhibition of final year student is arranged in the institute t
Prize winning project and to motivate junior students.

Institute has Internet and WiFi facility, ICT based classrooms and smar
effective

curriculum delivery.

File Description	Document:
Upload relevant supporting document	
Link for Additional information	

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuou (CIE)

Continuous Internal Evaluation (CIE)

Being affiliated college, it is mandatory to implement evaluation as pe
Solapur University.College has the continuous internal evaluation syste
transparent.

Continuous Assessment Report is displayed on Notice board of respective
every month and

students are free to discuss their queries with concerned teacher.

For Internal examination, after the assessment of the papers by concern
examiner/subject teacher, papers are given to the students for any grie
respect to the assessment done. The same is resolved by the concerned f

In tune with the affiliated university calendar, an Academic Calendar o
is prepared prior to the commencement of the semester by the Principal
the following components: Number of teaching days, Academic activitie
Training activity Plan,Curricular and Extra curricular activities, Exam
schedule, Expert Lectures, Public holidays, Industrial Visit, Parents M

Teaching Activity:Two month before commencement of the semister, subjec
is done based on choices given by the faculty.

Every teacher prepares teaching plan which includes, plan date, teachin
teaching aids to be used, at the beginning of each semester and this te
approved by HOD and Principal.

Academic Diary and teaching activity record :

All records of each student and teaching activities are properly mainta
Academic Diary and which is monthly signed by respective Heads of depar
contains-

Time table for semester and workload.

Details of lectures - contents, methods and tools used for deliveing le

Syllabus copy

Theory and practical attendance

Plan of laboratory work

List of e-books and subject books available in college library.

Assessment record of tests, assignments, experiments .

The continues internal evaluation activity is priodically monitored by
monitoring committee

and HOD.

Internal assesment frequency and variety is as shown in the table below

Sr .No.

Parameters

Frequency

1

ISE (In Semester Exam)

3- per semester(1- at each month end)

2

MCQ test

3- per semester(1- at each month end)

3

Assignments

2-per semester on each section of syllabus

4

Viva during submisssion

Once in per semester

5

Project seminar stage-1 for BE

Once in an AY

6

Project viva for stage-2 for BE

Once in an AY

7

Inplant training in industry

Once in an AY

File Description	Document
Upload relevant supporting document	
Link for Additional information	

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University	**B. Any 3 of the above**

File Description
Details of participation of teachers in various bodies/activities provided as a response to the metric
Any additional information

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

4

File Description	Documents
Any additional information	**V**
Minutes of relevant Academic Council/ BOS meetings	**No Fi**

Institutional data in prescribed format (Data Template)	V:

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirem Data Template)

2

File Description	Docum
Any additional information	No
Brochure or any other document relating to Add on /Certificate programs	
List of Add on /Certificate programs (Data Template)	

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total nu during the year

336

File Description	Docu
Any additional information	No
Details of the students enrolled in Subjects related to certificate/Add-on programs	

1.3 - Curriculum Enrichment

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

Institution integrates cross cutting issues relevant to Gender, Environ Sustainability, Human

Values and Professional Ethics in to the Curriculum.

Gender – To Address Gender related issues we conduct various functions the occasion of Woman Day, Yoga Day, etc.

Environment & Sustainability –

Students are encouraged to undertake practical oriented projects which the society at large.

- Environmental Science subject is included in curriculum

- Projects to enhance non-conventional energy source developments are e

- Solid waste management is practiced in the institute.

Human Values and Professional Ethics –

To inculcate the right essence in the long term, a course of 'Professic been introduced in the curriculum itself.

Institute organizes seminars on different topics to create awareness of and Professional Ethics among students and staff.

File Description
Any additional information
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.

1.3.2 - Number of courses that include experiential learning through project work/field wo the year

2

File Description	D
Any additional information	
Programme / Curriculum/ Syllabus of the courses	
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	N
MoU's with relevant organizations for these courses, if any	N
Institutional Data in Prescribed Format	

1.3.3 - Number of students undertaking project work/field work/ internships

151

File Description
Any additional information
List of programmes and number of students undertaking project work/field work/ /internships (Dat Template)

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	C. Any 2 of the above

File Description
URL for stakeholder feedback report
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management
Any additional information

1.4.2 - Feedback process of the Institution may be classified as follows	C. Feedback collected and a

File Description	Documents
Upload any additional information	**V**
URL for feedback report	

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

383

File Description	Documents
Any additional information	No File
Institutional data in prescribed format	**View**

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, D per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

142

File Description	Documents
Any additional information	No F
Number of seats filled against seats reserved (Data Template)	**V**

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Progra learners and slow learners

Following strategies are used to access the learning levels of the stud

As per the schedule in the academic calendar, In Semester Exam (ISE) is
the Instituteafter one month of admission on the syllabus completed so
on this academic performance of the students is analyzed. If student fa
in two tests, then he is identified as slow learner and if a student se
60 percentage in two consecutive tests he is identified as advance lear
previous year result is also considered for analyzing learning levels c
in Guardian Teacher Sessions. Subject teachers also observe students wh
practical's and if students are unable to understand concepts after rep
instruction, then such students are identified as slow learner andif st
practical's correctly and able to analyze the concept after single inst
they are identified as advanced learners and list of such students is m
individual faculty for their subject and submitted to department.Studen
motivated by the Felicitation, Financial Award, Over and Above marks in
Continuous Assessment marks. The competition like Best Freshers and Bes

students are also conducted for the motivation of students.By consideri
points, the list of weak students and bright students is prepared at de

Following strategies are adopted for slow learners:

1. Extra classes are conducted and examples were solved.
2. Counseling is done individually in Guardian Teacher Sessions. Semes
   remedial classes are arranged for failure students. Retests are con
3. Practice papers are provided.
4. Course materials are provided on the staff website, i.e. video lect
   subject notes, assignments, test papers, MCQ papers, topic wise pow
   presentation, link of NPTEL videos, e-books, university question pa
   answer sheets etc. so that students can access it in their availabl
5. Extra practice sessions are provided in the practical sessions.
6. Surprise tests are conducted.
7. There are special classes arranged for non-commerce students for fi
   quantitative methods, economics, soft skills etc to prepare basic f
   these courses, for MBA Department.

Following are the strategies adopted for advanced learners:

1. Students are Felicitated in front of the among by giving the financ
   also some additional marks are added in the ICA by the Over and Abo
2. Students are also motivated for the Best Freshers and Best Outgoing
   the extracurricular activities.
3. Students are encouraged by the faculty for different Competitive Ex
   as GATE through GATE Forum.
4. Students are supported with additional set of books.
5. Value added courses such as IIT Bombay workshop on C++, PLC, SCADA
6. Special batches of advanced learner are given training by experts f
   industry/reputed institute faculty.
7. Students are encouraged to participate in industry sponsored projec
   projects.
8. Students are encouraged to take up research and present/publish sci
   technical articles/papers.
9. Bright students are awarded with Books related to competitive exams
   TOEFL, GRE, PGCET etc. in the prize distribution ceremony.
10. Students are encouraged for NPTEL exams.

File Description	Documents
Paste link for additional information	
Upload any additional information	V

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

Number of Students	Number of Teachers
1011	66

File Description	Documents

Any additional information	**Vie**

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and probl methodologies are used for enhancing learning experiences

To enhance learning experiences and to make learning more interactive, methods, such as experiential learning, participative learning and prob methodologies are used as given below are conducted through online mode

1. Students undergo in-plant training in industries and present proble
2. Interactive sessions are arranged with industry experts.
3. Different technical and non-technical events are arranged by the St Associations of different departments on the occasion of Engineer's technical paper presentation, poster presentation on various themes
4. The lectures are made more interactive with different activities su discussion, seminar, quiz, poster presentation, mini projects etc t students in active learning process.
5. To create more participative learning, competition are arranged to various components of model or experimental kit in few practical se subject teachers.
6. Digital library, internet facility and language laboratory are prov advanced learning. For curriculum enrichment Add On courses such as SCADA, CREO, DRE, Catia, JAVA and DOT NET programs are arranged yea
7. Industrial training/Inplant training is introduced in curriculum fo students.
8. Subject orientation programmes, seminars, conferences, webinar, wor by faculties' helps students in getting advanced knowledge of the s curriculum.
9. Self-learning courses are included in curriculum for self-learning

File Description	Documents
Upload any additional information	**V**
Link for additional information	

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write descriptior words

It is essential for the students to learn and use through the latest te the corporate ready. Teachers are combining technology with traditional instruction to engage students in long term learning and the ICT tools. is familiar with Information and Communication Technology (ICT) in educ support, enhance, and optimize the delivery of education. The following by the Institute as ICT Tools:

1. Projectors- Ample number of projectors are available in different c
2. Desktop and Laptops- More than sufficient number are arranged at Co Faculty cabins all over the campus.
3. Printers- They are available at Labs, HOD Cabins and all prominent

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  4. Photocopier machines - Multifunction printers are available at all
     in the institute.
  5. Scanners- Multifunction printers are available at all prominent pla
  6. Seminar Rooms- Three seminar halls are equipped with all digital fa
  7. Smart Board- One smart board is installed in the campus.
  8. Online Classes through Microsoft Team
  9. MOOC Platform (NPTEL, Coursera, SAP, Udemy, Edx etc)
 10. Digital Library resources (DEL NET).

ICT facility use by Faculty:

  1. PowerPoint presentations- Faculties are preparing power-point prese
     their teaching by using LCD's and projectors. They are also equippe
     library, online search engines and websites to prepare effective pr
  2. Industry Connect- Seminars and Conference room are digitally equipp
     lectures, expert talks and various competitions are regularly organ
     students.
  3. Online quiz- The online quiz for students after the completion of e
     the help of Microsoft Teams.
  4. Video Conferencing- The counselling of Students is done by the help
     Team applications.
  5. Video lecture- As a part of curriculum the recording of video lectu
     available to students for long term learning and future referencing
  6. Online competitions- The various technical events and management ev
     conducted with the help of ICT tools such as paper presentations, B
     Debates, paper presentations etc.
  7. Workshops- It is important to say that ICT tools are much more effe
     conducting workshops on latest methods.
```

File Description	D
Upload any additional information	
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	

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

2.3.3.1 - Number of mentors

66

File Description
Upload, number of students enrolled and full time teachers on roll
Circulars pertaining to assigning mentors to mentees
Mentor/mentee ratio

2.4 - Teacher Profile and Quality

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

66

File Description	Document
Full time teachers and sanctioned posts for year (Data Template)	
Any additional information	No
List of the faculty members authenticated by the Head of HEI	No

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.S the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / E the year

4

File Description
Any additional information
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)

2.4.3 - Number of years of teaching experience of full time teachers in the same institution completed academic year)

2.4.3.1 - Total experience of full-time teachers

421.33

File Description	D
Any additional information	N
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and m description within 200 words.

Mechanism of internal assessment in our Institute is made transparent a through following practices through online mode on MS Teams

1. The weightage for the evaluation of internal assessment is communic after the commencement of the semester.
2. All assessment tools are rigorously deployed by all faculty members assignment books and tutorials are shown to the students.
3. Marks obtained in the tests, assignments, and tutorials etc. are co the students within a week..
4. Project work is continuously reviewed and assessed by the respectiv guides. Project diaries are maintained with the record of student a grades allotted by the guide.

5. **Progress reports are communicated by the class coordinators and Gua the parents, in parent teacher meet. Guardian teacher personally do home visit and communicate with parent about his wards performance.**
6. **Evaluation steps are explained to students so that they can improve**
7. **MBA Department has adopted credit system as per the Solapur univers The following major evaluation processes are initiated by the insti own.**
8. **Mock online examination unit wise for regular MBA students Internal Mock oral and practical examinations Prelim examination.**

Internal assessment frequency and variety table through online mode on

is as shown below

Sr. No

Parameters

Frequency of evaluation

1

In Semester Exam (ISE)

Monthly i.e. 3 /semester

2

MCQ

Monthly i.e. 3 /semester

3

Tutorial

Weekly i.e. Minimum 8/ semester

4

Assignment

Monthly i.e. Minimum 3/ semester

5

Viva during submission

Once i. e. 1/ semester

6

Project seminar stage 1 for BE

Once i. e. 1/ year

7

Project stage 2 for BE

Once i.e. 1/year

8

In-plant training for BE

Once i. e. 1/ year.

Terms and conditions in CIE system, institute practices following seque

- The CIE norms are prepared and displayed on departmental notice boa
- GT explains the CIE norms to the students in the Guardian Teacher s
- Assessment is carried out in practical/tutorials on daily basis.
- Attendance of students is displayed on notice boards and also commu parents.
- Mid-semester submission is carried out and the marks are informed t improvement.
- Counseling of students and parents is done as per requirement.
- ISE and preliminary exam marks are displayed and communicated to st parents.
- Performance of students in CIE is monitored by GT in weekly GT meet progress is discussed with the parents during parents meeting.
- Mock practical/oral examination is carried out to assess the prepar students for University examinations and suggestions (if any) are g improvement.
- Finally, Internal Continuous Assessment (ICA)/Term-work marks are c compiling marks of students in all the parameters of CIE. Students refer these marks displayed on notice board and any grievances repo are addressed by the concerned faculty member.
- IQAC conducts meeting to review and define the CIE norms for next s

File Description	Documents
Any additional information	Vi
Link for additional information	

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- b

College has the continuous internal evaluation system which is very tra the acadamic year 2020-21teaching learning process is carried out throu on MS Teams.Continuous Assessment is communicated to the students throu

Continuous Assessment Report based on students attendance, MCQ Test, pe timely submission, online courses on the respective subjects etc is dis

Teams of respective department every month and students are free to dis
queries with concerned teacher.

File Description	Documents
Any additional information	**Vi**
Link for additional information	

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are state
website and communicated to teachers and students.

PROGRAMME OUTCOMES statements:

Engineering Graduates will be able to:

1. **Engineering knowledge:** Apply the knowledge of mathematics, science,
   fundamentals, and an engineering specialization for the solution of
   engineering problems.
2. **Problem analysis:** Identify, formulate, research literature, and ana
   engineering problems reaching substantiated conclusions using first
   mathematics, natural sciences, and engineering sciences.
3. **Design/development of solutions:** Design solutions for complex engin
   and design system components or processes that meet the specified n
   appropriate consideration for public health and safety, and cultura
   environmental considerations.
4. **Conduct investigations of complex problems:** Use research-based know
   research methods including design of experiments, analysis and inte
   data, and synthesis of the information to provide valid conclusions
5. **Modern tool usage:** Create, select, and apply appropriate techniques
   modern engineering and IT tools, including prediction and modeling
   engineering activities, with an understanding of the limitations.
6. **The engineer and society:** Apply reasoning informed by the contextua
   assess societal, health, safety, legal, and cultural issues and the
   responsibilities relevant to the professional engineering practice.
7. **Environment and sustainability:** Understand the impact of the profes
   engineering solutions in societal and environmental contexts, and d
   knowledge of, and need for sustainable development.
8. **Ethics:** Apply ethical principles and commit to professional ethics
   responsibilities and norms of the engineering practice.

1. **Individual and team work:** Function effectively as an individual, an
   leader in diverse teams, and in multidisciplinary settings.
2. **Communication:** Communicate effectively on complex engineering activ
   engineering community and with t h e society at large, such as, bei
   comprehend and write effective reports and design documentation, ma
   presentations, and give and receive clear instructions.
3. **Project management and finance:** Demonstrate knowledge and understan
   engineering and management principles and apply these to one's own
   member and leader in a team, to manage projects and in multidiscipl
   environments.

4. Life-long learning: Recognize the need for, and have the preparatio
   engage in independent and life-long learning in the broadest contex
   technological change.

The Course outcomes and program outcomes are disseminated to all studen
below-

- Communicate by respective subject teacher in their classes
- Communicated by Guardian teacher at student guardian session
- Display of CO and PO-
  1. On institutional website
  2. In Be-Mighty Booklet
  3. In Attendance register.
  4. In Project diary.
  5. In pocket folder for dissemination to stake holder
  6. At all prominent places in college building.

File Description	Documents
Upload any additional information	No F:
Paste link for Additional information	
Upload COs for all Programmes (exemplars from Glossary)	V

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the instituti

Following steps are adopted for attainment of COs, POs, and PSOs. Solap
has following pattern:

1. Old Pattern (Marks and percentag system):

Thispatternisintroducedin2012-13.Inthispatternof100
markstheoryexamandInternaltermworkof25Marks,theuniversityhasnot
providedcourseoutcomes.IndividualInstitutehastopreparetheirowncourseout
level was decided on 4 scale and the range of marks were determine for
calculatingcourse attainment.

1. Credit Based Semester Grading System (CBSGS) with 70-30 pattern of
   examination is introduced from the Year 2014-15. The university has
   outcomes in syllabus copy. The guidelines for measurement of PO, CO
   borrowed from NBA manual. The university takes the exam covering al
   the marks for subject in total ie it does not give the marks as per
   Course outcomes. So COs are measured for the subject ie subject out
   In semester exams are to be conducted, each test covers individual
   these internal tests individual COs can be measured.

Step-I

In this method we find the average marks obtained by students from last
set the reference. Range will be decided from this reference table.

Sr No

Range of %

Attainment

level

Scale used as

multiplier

No. of

students

1

0 to 40%

of average

Poor

0

a

2

41% to 100%

of average

Average

1

b

3

100% Average to

110% of average

Good

2

c

4

Above 110% of

average

Best

3

d

Attainment Score Formula = (a X 0 + b X 1 + c X 2 +d X3) / (a+b+c+d)

Step-II

Weightage table for CO measurement is as given below

Weightage

POE

50 marks

POE/oral is 25 marks

No POE

Indirect survey

20%

0.2

Direct (80%)

80%

0.8

a)University exam Theory

60% of 80

ie 0.48

i)University Practical

0.32

(65% of 0.48)

0.384

(80% of.48)

0.48

ii)university

practical

b)Internal test

c)Internal continuous assesement

Course outcomes formula with weightages for various combinations are gi
1: If university poe is of 50 marks

Then CO = 0.2 x indirect survey +0.32 X university theory + 0.16 X POE
Internal Test + 0.16 X ICA

Step-III

PO measurement and calculations is done after mapping CO and PO with th

Course

Course attainment level

calculated

PO1(co relation level of PO

with Course)

PO2

Course 1

A1

C1

Course2

A2

C 2

Course3

A 3

C 3

-

A 4

-

```
PO1 calculation formula = [ (A1 X C1 )+ ( A2 X C 2 ) + ( A 3 X C 3 ) +
(C1 + C 2 + C 3 )
```

File Description	Documents
Upload any additional information	<u>V</u>
Paste link for Additional information	

2.6.3 - Pass percentage of Students during the year

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

217

File Description
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)
Upload any additional information
Paste link for the annual report

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution m questionnaire) (results and details need to be provided as a weblink)

https://forms.gle/t55WnGccyikKLw8A7- Exit feedback 2021 URL
https://forms.gle/VWCrjU9h5LmUx9HY6- Exit feedback 2021- resopances

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research proj in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research proje the institution during the year (INR in Lakhs)

5.10

File Description
Any additional information
e-copies of the grant award letters for sponsored research projects /endowments
List of endowments / projects with details of grants(Data Template)

3.1.2 - Number of teachers recognized as research guides (latest completed academic year

3.1.2.1 - Number of teachers recognized as research guides

1

File Description	Documents
Any additional information	**View**
Institutional data in prescribed format	**No File**

3.1.3 - Number of departments having Research projects funded by government and non g during the year

3.1.3.1 - Number of departments having Research projects funded by government and non agencies during the year

1

File Description	Documents
List of research projects and funding details (Data Template)	**No F**
Any additional information	**No F**
Supporting document from Funding Agency	**V**
Paste link to funding agency website	

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and knowledge

Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations including in and other initiatives for creation and transfer of knowledge Response:

To create ecosystem for research innovation the institution has started by principal and senior faculty members are empowered to take up resear utilizing the existing facilities. Each department has project coordina activities planned by R&D cell. The role of committee and its impact is

Sr. No

Initiatives taken by R&D cell

Impact

1

Creating research culture among faculty members &students

Faculties are sponsored for pursing Ph.D. and registration. One faculti their PhD. Students participated in various national level prizes. Staf motivated to attend various upgrade knowledge and to facilitate their r

2

Motivating to undertake minor and major research

projects from various funding agencies and

industries

Project exhibition of final year students is organized give exposure to
motivate the Prof. Vishal Bagale submitted proposal to Solapur Third ye
all branches undergo industrial they come up with project idea which ca
Industrial visits are organized every year for students students in ind
environment.

Eminent personalities from industries, economist, are invited to guide
faculties in Vichar Manthan , Expert lectures are conducted for student
educationalist.

MOUs are signed with different industries for lectures and visits.

Students get reimbursement or material for project.

Faculty members and students are permitted to problems

3

Encouragement for publication of papers/articles in

reputed journals /conferences and books.

Research Publications are being done by faculties International confere
organized by college Dr. B. M. More was key note speaker in internation
Singapore on 18-19 June 2015.

Dr. B. M. More is editor of two international Faculties are motivated t
in journals

by providing them with duty leave and funding.

Students are also motivated to publish papers

4

Physical facilitates available Every department

Every department has separate project laboratory.

Total investment of major and minor equipment 55,17,749.

Mechanical workshop (Investment : Rs. 22,95,000) students to develop de
projects.

Testing facility is also available in ESA laboraotry 2,00,000). Studen
Ingene laboratory (8,67,000) for project.

- The well planned ecosystem for research and innovation has fetched
  outcome

3.3.3 - Number of books and chapters in edited volumes/books published and papers publis international conference proceedings per teacher during the year

3.3.3.1 - Total number of books and chapters in edited volumes/books published and paper international conference proceedings year wise during year

NIL

File Description	Docum
Any additional information	No
List books and chapters edited volumes/ books published (Data Template)	No

3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students their holistic development, and impact thereof during the year

3.4 Extension Activities :

Extension activities in the neighbourhood community in terms of impact students to social issues and holistic development

Response: The institute motivates students to participate in social act ethical cultural values. These activities make student aware of their c Nation development and becoming responsible citizen. Activities are com NSS cell and different college committees.

The activities undertaken and its impact is as follow.

Sr. No.

Name of Activity

Impact

1

Program of Commemoration of Internal Day of Yoga on 21st June 2020.

The Student Will Get aware of their Health Student and Staff will under Importance of Yoga and Benefits

2

Campus Cleaning & Sanitizing. (1st Week of July 2020 1st & 2nd Week of Week of Jan 2021)

The Campus Cleaning & Sanitizing is arranged for the benefits of Studen

3

Tree Plantation Activity – 1st Week of August 2020 & Oct & Nov 2020.

The college campus lush green and cool.

Guest of different function are felicitated by plant.

Vichar Manthon Programe always starts with watering Newly admitted stud
felicitated by plant Students plant trees in at Social forestry Divisic

4

National Day Celebration (Mahatma Gandhi Jayati & Lal Bahadur Shastri J
2020. Poster and Short Film Competitions

Poster and Short Film Competitions arranged for the development of stud

5

Online One Day Workshop on Rural Entrepreneurship Development in Associ
MGNCRE-DHE-MHRD Govt. of India. 20th Oct 2020.

Different activities and seminars, Workshops cultural programs in camp
interaction of students with rural become aware about problems faced by
motivated students to do projects related to Rural Entrepreneurship Dev

6

Sardar Vallabhbhai Patel Jayanti & Rashtriya Ekta Diwas Shapth Dakshta
Shapth (Satark Bharat), Covid-19 Awareness Pledge on 31/10/2020.

Covid-19 Awareness pledge for getting awareness for the Student about C

7

Program on "National Constitution Day" – 26th Nov 2020.

Student will study the Constitution of India

8

"National Youth Day" (Birth Anniversary of Swami Vivekananda).

On the Occasion of National Youth day Student learn the thought of Swam

9

Program on "Majhi Vasyndhara Shapath" & National Voter's Day" – Voter's
Jan 2021

98 students Decided to registered in voter list

10

Program on "Republic Day Celebration" - 26th Jan 2021

Students Celebrated the Republic day and Salute to the Freedom Fighters

11

Online Awareness Program on "Road Safety Month: 11th Feb 2021.

Student get Awareness about Road Safety Rules and Regulations

12

Program (online and offline mode) on International Women's Day on 8th

Girls Learned Contribution of Woman's Work for benefit of Society .

13

"Covid-19 Vaccination Awareness Program", Expert:Dr. Abhijeet Jagtap (M PAH Solapur University) – 03/04/2021

Student Learn the Importance of Covid-19 Vaccination

Institute celebrates 15th August, 26th January, 1st May, International Sanvidhan day, Engineers day, Teachers day. Speech of emminant women pe different fields is organized every year on women's day.

File Description	Documents
Paste link for additional information	
Upload any additional information	<u>V</u>

3.4.2 - Number of awards and recognitions received for extension activities from governme recognized bodies during the year

3.4.2.1 - Total number of awards and recognition received for extension activities from Gov Government recognized bodies year wise during the year

1

File Description	Docume
Any additional information	
Number of awards for extension activities in last 5 year (Data Template)	No
e-copy of the award letters	No

3.4.3 - Number of extension and outreach programs conducted by the institution through N cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender those organized in collaboration with industry, community and NGOs) during the year

3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with indu Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

13

File Description

Reports of the event organized
Any additional information
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collab industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awar etc. year wise during year

236

File Description	D
Report of the event	
Any additional information	I
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	I

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchang the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student excha wise during the year

3

File Description	Docu
e-copies of related Document	
Any additional information	Nc
Details of Collaborative activities with institutions/industries for research, Faculty	

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporat during the year

3.5.2.1 - Number of functional MoUs with Institutions of national, international importance industries, corporate houses etc. year wise during the year

16

File Description
e-Copies of the MoUs with institution./ industry/corporate houses
Any additional information
Details of functional MoUs with institutions of national, international importance, other universities etc during the year

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

For the personal and professional development of students, infrastructu
and learning resources in the Institute plays vital part. Hence, Instit
strictly the norms set by AICTE and Solapur University for creating and
infrastructure and learning resources. The institute has not only compl
regulatory requirement but exceeded the compliance. This is an effort t
at par with the premier institutions in India. All the classrooms are w
and well maintained. All laboratories are fully equipped and continuous
gradations are done to meet the requirement of academics. Hi-tech compu
with latest software and High-end machineries in the workshop are made
fabrication of projects and research activities. The Institute's centra
equipped with collection of reference books, international and national
fulfils the academic resources needs of the students as well as faculty
journals and E-books are made available through digital study material
Institute has excellent internet facility (Wi-Fi and wired LAN) and is
internet through firewall portals, Wi-Fi routers, to all faculty and st
promote secured internet usage. Well maintained, furnished Separate Boy
Girls hostel is available in the campus itself. RO system with ample wa
made available to provide pure drinking water. Other than these infrast
facilities, Institute also has playground, gymnasium, canteen, vehicle
separate washrooms for gents and ladies, green and pleasant campus and
concrete roads etc.For the personal and professional development of stu
infrastructural facilities and learning resources in the Institute play
Hence, Institute follows strictly the norms set by AICTE and Solapur Un
creating and enhancing the infrastructure and learning resources. The i
not only complied with regulatory requirement but exceeded the complian
effort to make institute at par with the premier institutions in India.
classrooms are well furnished and well maintained. All laboratories are
and continuous maintenance, up gradations are done to meet the requirem
academics. Hi-tech computer laboratory with latest software and High-en
in the workshop are made available for fabrication of projects and rese
activities. The Institute's central library is equipped with collection
books, international and national journals which fulfils the academic r
of the students as well as faculty members. E-journals and E-books are
through digital study material in the library. Institute has excellent
facility (Wi-Fi and wired LAN) and is providing internet through firewa
Fi routers, to all faculty and students to promote secured internet usa
maintained, furnished Separate Boys hostel and Girls hostel is availabl
itself. RO system with ample water coolers is made available to provide
water. Other than these infrastructure and facilities, Institute also h
gymnasium, canteen, vehicle parking space, separate washrooms for gents
green and pleasant campus and internal concrete roads etc.

File Description	Documents
Upload any additional information	No File U

Paste link for additional information	Ni

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outc yoga centre etc.

Sports :

Sports facilities with guidance of a physical Director is available to Seperate play grounds with sports kits for following various sports are

- Volleyball
- Cricket
- Basket Ball
- Dodge Ball
- Kho-kho
- Kabbadi
- Football

- Games (Indoor, outdoor, gymnasium, yoga centre etc) :
- Chess
- Table Tennis
- Badminton.
- Gymnasium.
- Carrom
- Participation of students in various sports and games :

Our students regularly participates in the Solapur University Zonal Tou includes Cricket, Football, Volleyball, Kho-kho, Swimming, Handball, Bc Softball, Chess, Basket ball,Taekwondo, Judo, Cross-country, Tennis and

Cultural Activities :

Open threater with stage arrangements, Audio visual facility are made a cultural activities.

The cultural committe organizes number of special days such as Tie day, day, Saree day, Traditional day

Cultural committee conducts annual cultural event TARANG every year whi platform for cultural activites.

The students also participate in University Level Youth Festival having like Street play, Quiz, Singing, Dance and Drama.

File Description	Documents
Upload any additional information	No File U
Paste link for additional information	Ni

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart cl

9

File Description
Upload any additional information
Paste link for additional information
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)

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

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (IN

142422

File Description	Doc
Upload any additional information	N
Upload audited utilization statements	N
Upload Details of budget allocation, excluding salary during the year (Data Template	

4.2 - Library as a Learning Resource

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

BMIT library has Vasundhara Library Software System, An integrated libr system for library, is an enterprise resource planning system for libra transaction, accession the books, periodicals and magazines, used to tr orders made, bills paid, and patrons. The Central Library of BMIT is pa automated by Synthesis IMS (ERP) software. This system enables efficien administration to cater user services. The ERP system has various follo under; Circulation (lending materials to patrons and receiving them bac library circulation module provision is made to issue/return/renew for circulation, non-print material circulation (CD, DVD, etc.) and serial (Print Journals/Magazines). Setting: In the setting module provision is holiday settings, Library rules setting; generate the barcodes, listing authors, publishers, and suppliers), printing of member barcode, etc. T provision for immediate confirmation of library transactions through th message alert. Facility. OPAC: Online Public Access Catalog for searchi resources. User can search the library resources as per follows: A).Gen Title Author Publication Keywords Classification no. B). Advance Search can be done with various combinations Title Author Publication Keywords no. C). Accession Search: Search can also be done through the accession remembering the title or author of the book. This facilitates fast & ac searching. Reports: This is an important component of the Integrated Li System (ILMS) which helps to generate various reports/ returns. The fol are generated through this module: Books Issue/Return date wise, user w etc. This is an important module of the Integrated Library Management S maintain and keep record the serials (Print Journals, Magazine, bound v Newspapers).

File Description	Documents
Upload any additional information	No File U

Paste link for Additional Information	Ni

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources	C. Any 2 of the above

File Description	D
Upload any additional information	
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e- year (INR in Lakhs)

nil

File Description
Any additional information
Audited statements of accounts
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data (Data for the latest completed academic year)

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

2

File Description	Documents
Any additional information	No Fil
Details of library usage by teachers and students	Vie

4.3 - IT Infrastructure

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

Information Techology outlines the responsible use of the infrastructur such as use of licensed software, procurement of IP based licenses wher restricted access through firewall, regular information backup, encoura of open source software.

Details of the College's computing facilities (Hardware and software).

Number of systems with configuration: The College has 3 dedicated serve
systems with P-V and above configuration.

Printing and scaning facilty: 30 printers,1 plotter and 6 scaners are a

Computer-student ratio: Computer to student ratio is 1:3. However, in t
for every student separate computer is provided.

Dedicated computing facility: Every department has dedicated computer l
to these labs, computer centre with higher configuration machines is av

LAN facility: All the systems available in the college are connected an
with Internet facility via LAN with 100 Mbps Leased line speed.

Wifi facility : Wi fi facility is available in the College Campus for S
Faculties. Propriety software / Open source software's: College makes u
number of open source software's and OS such as Ubuntu. College also ha
list of OS such as Microsoft Campus Agreement License and Microsoft Bas
hat Linux etc.

Application software : Institute has legal applications softwares
Catia,CREO,Ansys,MATLAB,Visual studio,Autocad,Labview etc.

Number of nodes/ computers with internet facility: All the 382 computer
the college are provided with internet facility.

The College regularly upgrades both the software and the hardware facil
academic requirements. The following are the strategies for deploying a
infrastructure and associated facilities:

Computers are maintained regularly.

Software's are purchased and licenses upgraded as per requirement. Fire
virus software are upgraded regularly.

For quality teaching, learning and research the college provides access
online resources as follows:

In Digital Library equipped with the computer systems connected to inte
to online resources.

Students and faculty members can access electronic journals and e-books
machine. Students and faculty members can access NPTEL and MOOCs resour

Seminar halls are equipped with multimedia facilities computer, LCD fac
internet connectivity.

File Description	Documents
Upload any additional information	No File U
Paste link for additional information	Ni

4.3.2 - Number of Computers

382

File Description	Documents
Upload any additional information	**View F**
List of Computers	**No File U**

4.3.3 - Bandwidth of internet connection in the Institution

A. ≥ 50MBPS

File Description
Upload any additional Information
Details of available bandwidth of internet connection in the Institution

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic supp excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and aca facilities) excluding salary component during the year (INR in lakhs)

16196355

File Description
Upload any additional information
Audited statements of accounts
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)

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

BMIT has a well established procedure for the maintaining and utilizing
academic and support facilities. The responsibilities are assigned to t
elements involved to carry out maintainance and utilization system.

Storekeeper:

The store keeper is responsible to record for every purchase done in th
required item demanded ,first recorded to central store in register. Th
assigned to the item and the item is dispatched to respective demand un

Labarotory Incharge:

The lab incharge ensures that the equipments are available in working c
also maintain the equipment available in Lab through Lab assistant . An
found to the lab incharge, immediately reported to concern Head of depa
confirms with verification the deficiency and reports it to principal f
action. Principal accept the written application if required and put hi
priority.After the positive remarks, the deficiency demanded by HOD is
invite quotation and order is issued to complete the deficiency. The or
store keeper and his role continues.

Librarian:

At the beginning of semester, librarian issues a report of availabe boo
in the library to the HOD. HOD circulates the notice to his department
check the required book for the academics. If the required books are no
staff demands the required books to fulfill academic needs of the stude
librarian get sanction the book requirements through principal. The boo
they are recorded in library management software database and stacked .
availability of maximum books to the students.

Physical Director:

The physical director is responsible for preparation of sports ground a
facilities. He also maintains the gymkhana. Physical director always mc
students to participate in various sport activities. He coordintes for
National/state/University level sports events every year. As per the st
sports kits are made available with the process of call of quotation, s
supplier, approval of purchase order. Issue register is maintained to i
material to the student.

System Administrator:

The IT infrastructure in the institute is maintained by System Administ
support staff periodically. He looks in to deficiency matters if any, l
hardware, LAN etc. The deficiency is repaired and resolved in a week.

HOD, Principal and Management:

The Principal, at the beginning of academic year calls the meeting with
institute academic calendar. HOD submit the academic calendar of his de
Principal confirms it and ask to submit the required budget. The budget
account officer and governing body sanctions the budget. The sanctioned
are given to the HODs. As per the academic calendar, various committees
executes all the activities required for facilitating academics, labora
sport, cultural and infrastructure etc.

File Description	Documents
Upload any additional information	No File U
Paste link for additional information	Ni

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Gover year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Gove year

914

File Description
Upload self attested letter with the list of students sanctioned scholarship
Upload any additional information
Number of students benefited by scholarships and free ships provided by the Government during th (Data Template)

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the insti government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by th government agencies during the year

Nil

File Description
Upload any additional information
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills	A. All of the above

File Description	Documents
Link to Institutional website	http://b
Any additional information	V:
Details of capability building and skills enhancement initiatives (Data Template)	V:

5.1.4 - Number of students benefitted by guidance for competitive examinations and caree by the institution during the year

263

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and care offered by the institution during the year

263

File Description
Any additional information
Number of students benefited by guidance for competitive examinations and career counseling dur year (Data Template)

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees	A. All of the above

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

118

File Description	Documents
Self-attested list of students placed	ᵛ
Upload any additional information	No F
Details of student placement during the year (Data Template)	ᵛ

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

nil

File Description	Documents

Upload supporting data for student/alumni	No Fil
Any additional information	No Fil
Details of student progression to higher education	Vi

5.2.3 - Number of students qualifying in state/national/ international level examinations d JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during

`nil`

File Description
Upload supporting data for the same
Any additional information
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities university/state/national / international level (award for a team event should be counted a year

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activitie university/state/ national / international level (award for a team event should be counted a year.

`nil`

File Description
e-copies of award letters and certificates
Any additional information
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)

5.3.2 - Institution facilitates students' representation and engagement in various administrative extracurricular activities (student council/ students representation on various bodies as per est and norms)

`5.3.2 Institution facilitates students' representation and engagement i administrative, co-curricular and extracurricular activities (student c representation on various bodies as per established processes and norms`

To groom the students, BMIT provides a platform to form student council
involve them in academic and administrative bodies. The institute promo
participate at two levels of bodies, one is at the university level and
the college level. The activities in the Technical, Sports, Social, Mag
area are conducted by the student council. BMIT has department student
like Computer Council from CSE dept, MESA, TELSA, EESA and SAM from oth
to run following activities.

1. Technical Activity

Through this activity, the student can update their technical skill, pl
designing, and execution. Under each association different departmental
activities are conducted.

I) CC(Computer Council): This association conducts following activity l
context, Gaming, Seminar, paper and poster presentation, project idea c
It conducted activity like guest lecture from industry resource persons

We have organized many online guest lectures and Technical events for b
students from home also. We have conducted two online State level Techn
technical events named "Technoholix" during May 2021 and "Tech-Viveka-2
2020, organized by CC association students.

II) MESA(Mechanical Engg. Student Association): Association conducts fo
activities like Apti Quiz, Lathe war, CAD war, Robo race, paragraph wri
competition etc.

III) EESA(Electrical Engg Student Association): This association conduc
like technical quiz, project idea competition, paper presentation etc

IV) TELSA(Telecommunication Engg Student Association): This association
Technical workshop, Technical poster competition, Circuit design, Paper
Expert lectures etc.

V) SAM(Students Association of Management): Which organizes events like
Business Quiz, Management puzzles, Ad-Mad Show etc.

2. Sports Activity:

The main objective of Sports is to ensure all-round development of stud
physical activities, produce physically and mentally fit citizens, brin
college by performing well in various Sports Competitions. Well equippe
facilities are available on our college campus. The members of Council
physical inspection & suggests necessary measures. Through these associ
conducts Annual sports event SMASH every year, as well as conducts inte
competitions.

3. Social Activity:

As per university curriculum, the institute conducts activities such as
Plantation, Mahatma Gandhi Jyanti, Independence day, Republic day, Gand
Rashtriya Ekta Divas, Savindhan Divas, Swachha Bharat Abhiyan, Blood Do

through National Service Scheme (NSS). In this activity, students organ
year at different villages. In each camp, different activities are cond
leadership as well as coordination & cooperation between students as we
the society. Due to Covid-19, this year 2020-21, no camp has been organ
activities sessions are done online.

4. Cultural Activity:

To enhance the stage courage and to give the platform for the hidden ta
students, the cultural committee organized department level events. To
teachers' day, Engineers day, Women's day etc. The institute level annu
event "Tarang" is organized every year.

Due to COVID-19 situation, cultural events have not been organized offl
events like Women's day , teacher's day had been organized online.

File Description	Documents
Paste link for additional information	
Upload any additional information	ᵧ

5.3.3 - Number of sports and cultural events/competitions in which students of the Instituti during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Instit during the year

nil

File Description
Report of the event
Upload any additional information
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the developmer through financial and/or other support services

5.4.1 There is a registered Alumni Association that contributes signifi
development of the institution through financial and/or other support s

The college has an alumni association registered on 30 May 2018.The det
below

Name : BMIT ALUMINI ASSOCIATION

Registration Number : Solapur/ 0000226/2018

Alumnus plays an important role in the fruitful analysis of course outc
Feedback, therefore, is taken from our alumni and necessary additions i
course curriculum are timely included by concerned staff. Importance of
system/device not directly concerned but related to a course which is v
in the industry is received from the alumni. The students are given exp
part as content beyond the syllabus. The interaction of students with a
frequently arranged and importance of key parameters in a course is ind
approach proved result oriented with more number of students getting of

Alumni feedback plays a key role in the development of the college. Alu
collected through feedback form which is made available during Alumni m
they visit the Institute. These feedback forms are maintained, analyzed
to the concerned department by the head of alumni association. Alumni F
of an assessment of curriculum improvement, infrastructure, and facilit

To maintain bonding between institutes, our alumni contribute to variou
the institution. The major contribution of our alumni is as follow:

Placement activities.

  • As a Resource person for career guidance and personality developmen
  • As a Resource person in areas of their expertise.
  • As an Examiner for Project evaluation Participation in organizing e
  • As a Judge/chief guest for the events organized at the College.
  • Render Industrial Training and arrange visits to their industries.

The activities mentioned above benefits in the growth of institute. Sim
Institute also organizes activities for the alumni growth as well as to
bond with alumni.

  • Invitation as an ambassador for BMIT Vichar Manthan, ABHIVYAKTI
  • To refresh their duty schedule we invite them for TARANG, yearly cu
  • To enjoy some moments we call them for SMASH yearly sports event.
  • We honor them by providing our platform share their expert views.
  • For non-recruited alumni, Institute gives opportunities to appear f
    activity.
  • We please them by attending their personal functions.

Due to covid-19 situation , this AY 2020-21 ,B.M.I.T. alumni associatic
successfully organized Virtual International Alumni Meet "Affinity 2021
February 2021from 11:30 am to 12:30 pm . For this event we had invited
Speaker:

Mr. Namdev Ghodke (Gama Power Systems Engg.& Contracting, Bahrain)

Mr. Suhel Shaikh (Concorde Cordex Group, Dubai)

Total 184 Alumni attended this event.

File Description	Documents
Paste link for additional information	

Upload any additional information	**Ⅴ**

5.4.2 - Alumni contribution during the year (INR in Lakhs)	**E. <1Lakhs**

File Description	Documents
Upload any additional information	**No File U**

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission

Response:

Vision: To be recognized as the "Centre of Excellence" for Technical Ed Management Education and Technology Development.

Mission: To develop the students in academic excellence and professiona ethical leadership so that they are ready to use for society.

To provide the solutions for the industrial problems and contribute to knowledge on continuous basis.

Brahmdevdada Mane Institute of technology aims towards providing Qualit Management Education to fulfill technological demands of Industry and s innovations as its vision . The vision of our organization is to be rec "Centre of excellence" for providing technical and management education technological development of the society. Our governing body comprises Representatives, Academicians, Industry experts, Staff Representatives holders. The governing body frames the policies, Rules, Regulations and Plans to fulfill vision and mission of the organization.

The governing body is further committed to suggest good perspective pla plans,infrastructural development plans, Academic Excellence Strategies development plans for over all development of the institution. The gove conducts yearly meetings and approves budget towards accomplishment of Mission is to develop the students in academic excellence and professio with ethical leadership so that they are ready to use for society. To s mission and to provide the solutions for the industrial problems, our c developed young dynamic team of Technical and Management staff. Our mis continuous efforts for improvement in academic results, with contempora learning and practical exposure. We arrange industrial visits; guest le symposiums, workshops and seminars, NSS camps,blood donation camps, soc responsibility activities to accomplish mission of academic excellence ethical qualities, and events like swacha bharat abhiyan, vicharmanthan accomplish our mission.To fulfill the objective we are encouraging our students for attending Industrial training, STTP programmes, workshops, etc. Further the perspective plan of our management is to develop ethic qualities and empower teachers for participative decision making in the field of expertise for fulfilling long term goals and objectives.

Our institute understands that along with better management practices a
leadership, faculty must be encouraged for participative decision makin
involved in various decision making bodies of institute such as governi
management committee,institute academic advisory committee internal qua
cell ,academic monitoring committee,department academic advisory commit
redressal cell ,vision 2020 ,Internal complaint committe for effective
making.Leadership and management reflects ethical and open culture whic
condusive environment for acheivement of institutional vission and miss

File Description	Documents
Paste link for additional information	http://bmitsolapur.org/vi
Upload any additional information	View File

6.1.2 - The effective leadership is visible in various institutional practices such as decentralizat
management.

Response:

The institution follows the decentralization and particicipative manage
to the cosiderable extent, various committes are formed to carry out ac
as administrative activities which involves teaching faculties, non tea
students.

Case Study : "Fostering open culture with work teams at BMIT"

If any institution adopts traditional work culture with centralized aut
responsibility, where decisions are made by few people at the top level
transparency in decision making. It has been an experience in recent ti
decentralization of authority & responsibility along with flat structur
and quality decision making. Decentralization can be possible only when
various departments in the institute are empowered to plan and achieve
long term goals and objectives.

Further, it was thought to introduce corporate culture and foster the c
teams" at department level as well as committees at institute level whi
empowered to conduct their own activity throughout the year and achieve
results. The students associations such as MESA, TELSA, EESA and SAM et
invited to participate in decision making. This fostered the culture of
BMIT institute and developed overall spirit of trust and transparency t
organization."Work-team is a small group of people with complementary s
committed to a common purpose, with common performance goals and then a
which they hold themselves mutually accountable." Work teams aim toward
management and openness in relationships with all stakeholders of the o
of the unique & regular event called' Vichar Manthan' is organized in t
every year since 2014.

File Description	Documents
Paste link for additional information	http://bmitsolapur.org/vi
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Response:

The perspective plan of our institute is to, introduce PG Programs, ard
program, overall Infrastructural Development, Reseach Laboratories Deve
permanent affiliation to Solapur university,autonomy of institute,enhan
institute relationship by organizing industry institute meet , developm
entrepreneurship development cell and get accreated by national and in
bodies. Detail plan yearwise is given in any additional link section.

One example for strategic development plan for Research and Development

The strategic vision and perspective plan of BMIT management is to moti
to publish maximum research papers and encourage faculty to have maximu
holders in the organization. Thus to achieve this objective the managem
scheme, whereby, every faculty member will publish minimum two research
year in reputed journal as a mandatory policy for every staff member. T
introduced a scheme to pay a sum of Rs 4,000 for every faculty member e
towards publication fees for research publications. This strategy encou
faculty to indulge in research thinking and develop a culture of resear
in the organization. A separate R&D cell was established at institute l
additional reading of journals, dissertations and other research public
faculties were encouraged to spend more time in workshops and labs to c
activity. The institute also developed Liaosning with industry for test
consultancy purpose.

File Description	Documents
Strategic Plan and deployment documents on the website	**View**
Paste link for additional information	**http://bmit**
Upload any additional information	**No File**

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

Response:

Governance is the key activity that connects between the management, st
and the parents. We support modern governance and proper administration
believe in supportive and decentralized work culture. The working metho
focuses on student. Involvement of respective stake holders in the deci
the transparency associated therein also form the important features of
culture.The structure consists of mandatory and Non mandatory committee

Mandatory committee: These committees are formed as per the directives
Council for Technical Education (AICTE), Director of Technical Educatio
Solapur University, Solapur. The committee serves two (main) objectives
the expertise and experience of experts in the field to decide the long

short term policies. The second objective is to create the safe, secure environment to the student and staff in the college.

The various mandatory committees are:

1.Governing Body

2.Local Managing Committee (LMC)

3.Internal Complaint Committee (ICC)

4.Anti Ragging committee

5.Grievance Redressal Committee

6.Standing Committee (SC/ST/DTNT/OBC/SBC Cell)

1.Governing Body: The Governing Body meets once a year and discusses an issues such as monitoring the provisions for meeting the AICTE and Univ regulations, the efficient administration of the institute, admissions, estimates, academic and non-academic activities etc

2.Local Managing Committee (LMC): The Local Managing Committee (LMC) is committee stipulated by the University which monitors the academic admi the institute. The Committee meets once a year and makes recommendation the standard of teaching in the college, discusses on the staffing patt distribution of teaching work-load, discipline of the college students

3.Internal Complaint Committee (ICC): The committee has been formed to of the grievances related to the physical or mental harassment, if any, girl students of the institute. The objective is also to look into the such complaints and to put a stop to any such undesirable activities.

4.Anti Ragging committee: The Institute has set up an Anti-Ragging Comm leadership of the Head of the Institute to ensure that measures for pre ragging and monitoring mechanisms are in place. There are also provisic to be taken against students for indulging in and abetting ragging.

5.Grievance Redressal Committee: This committee has been formed to deal grievances which are within the jurisdiction of college and to hear and grievance within 6 months

6.Standing Committee (SC/ST/DTNT/OBC/SBC Cell): This Committee meets on collect information and maintain records regarding the number of studen SC/ST/DTNT/OBC/SBC categories that are enrolled and it also supervises to the colleges and hostels are made in accordance with the reservation by the state government from time to time.

Non Mandatory committees includes placement,R&D,Performance Appraisal,I visit,cultural committee, sports committees etc . The flowchart of Orga Structure, service rules, recruitment and promotional policies is provi additional information section below -

File Description	Docu
Paste link for additional information	
Link to Organogram of the institution webpage	
Upload any additional information	

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination	**B. Any 3 of the above**

File Description	D
ERP (Enterprise Resource Planning)Document	
Screen shots of user inter faces	
Any additional information	
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	

6.3 - Faculty Empowerment Strategies

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

Response:

The institution provides number of welfare measures for teaching and No faculty and staff members.

Following are the welfare measures for teaching and Non teaching staff

For Teaching Staff

- **Employees Provident fund scheme.**
- **Group Insurance facility.**
- **Bank & ATM facility in campus.**
- **Group Mobile (CUG) facility.**
- **Transport facility.**
- **Residential facility for Staff on demand.**
- **Free Wi-Fi facility.**
- **Free medical treatment in campus.**
- **To promote higher education & research. Financial support for GATE**
- **Financial support for attending STTP, Workshops, paper publications**
- **Non-Teaching Staff Employees Provident fund scheme.**
- **Advance Payment facility. Bank & ATM facility in campus.**
- **Uniform facility for Menial / Housekeeping Staff. Group Mobile (CUG**
- **Transport facility. Residential facility for Staff on demand.**
- **Free Wi-Fi facility.**
- **Group Insurance facility.**

- **Provision of library facility.**

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File U

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

6.3.2.1 - Number of teachers provided with financial support to attend conferences/worksh membership fee of professional bodies during the year

nil

File Description
Upload any additional information
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)

6.3.3 - Number of professional development /administrative training programs organized by teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes or institution for teaching and non teaching staff during the year

nii

File Description
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).
Reports of Academic Staff College or similar centers
Upload any additional information
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programme year (Professional Development Programmes, Orientation / Induction Programmes, Refresh Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., O Induction Programme, Refresher Course, Short Term Course during the year

30

File Description	C

IQAC report summary	
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	
Upload any additional information	
Details of teachers attending professional development programmes during the year (Data Template)	

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

Response:

Institution has performance appraisal system for teaching and Non teach Teaching Performance Appraisal is the systematic evaluation of the empl performance and through which the capability and skills of employees ar further development. The performance appraisal is done through incremen development and Incentive systems in the organization. This system iden strength and weaknesses of employees and plans to place right person on maintain and assess the potential present in a person for further growt organization, to provide the work feed back to employees. There are num advantages of performance appraisal for both organization and employees policies, compensation, culture of the organization development, select communication etc.

In practice there are various evaluation systems of the employees. We e feedback system with the grading scale for our Institute. In this syste three steps.

a) Mock feedback from student:- After commencement of the semester.

b) Final feedback at the end of semester from student- Last week of the

c) At the end of the Academic year - Self, Peer, Head & Principal

B) Nonteaching- Technical & Non-technical For our nonteaching staff i.e and workshop Instructors, we have established a new evaluation system f i.e. development of the employees & organization. In this system, quest prepared related to the academic and general work of the nonteaching st filled by the faculty and head of deaprtment and forwarded to the princ action. Three grades are evaluated in this system. a) Excellent b) Good improve In this system each member is checked for different criteria i. in work, initiative of the staff, discipline, punctuality etc and it is the Principal

File Description	Documents
Paste link for additional information	
Upload any additional information	Y

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the vario external financial audits carried out during the year with the mechanism for settling audit obje maximum of 200 words

Response:

Institute has conducted External / internal Audits through Chartered Ac Regularly and final audit reports are submitted every year in time. Int conducted by regular interval basis every year, Internal auditor checks from student to receipt voucher and necessary supporting. He also ensur payments and journal voucher are duly authorized. Suggestions or object discussed time to time with Management representative and Principal alc Officer. And findings are rectified immediately. No Audit Objections in audit reports.

File Description	Documents
Paste link for additional information	Ni
Upload any additional information	No File U

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers di covered in Criterion III)

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers di Lakhs)

nil

File Description
Annual statements of accounts
Any additional information
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

Response:

The Institute being a private un-aided College and not getting any fina grant from Central or State Government. Fees Collection is major source income generation for the college. In Addition to college fees trust ha hostel and bus fees. College is closely monitoring effective and effici / Expenditure through annually budget system. HOD of every department p yearly budget requirements and forward it to principal. Principal then with Hods finalizes yearly budget and forwards to Governing body for ap starting of Financial Year. Once the budget is approved, required mater starts on priority to urgency basis. Institute has adopted books of acc

basis and policies of Indian accounting standards. Income and Expenditu
monitored by the Account Dept. record of every transaction is maintaine
authentic records. College has Main source of income as Tuition fees fr
of that near about 50% Fees is receivable by way of scholarship from Go
their policies. Balance fees are to be received directly from students.
making annual budget duly approved by Governing Body of College. Fund u
for Statutory payments i.e. Employees Provident Fund, Professional Tax,
TDS and affiliation, Professional fees of Govt. bodies on time, Salary
facilities to students ,infrastructure development , advance knowledge
students and staff

File Description	Documents
Paste link for additional information	Ni
Upload any additional information	No File U

6.5 - Internal Quality Assurance System

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

Response: IQAC is formed on sept 2017,but before activiation of this co
have an equivalent to IQAC another commitee named Institute Academic Ad
(IAAC) at institute level to ensure quality education and its strategie
department academic Advisory Committee (DAAC) was constituted by all De
headed by Head of Department ,which monitored and plan the students dev
respect to ensure quality education. Institute Academic Advisory Commit
principal has developed number of quality assurance steps . Few example
assurance are Mission Be Mighty- Student Development Program Record ,fi
Program Educational Objectives(PEOs),Program Outcome (Pos) and Program
Outcome(PSOs), Project Exhibition - An exposure to students' research,
Be Mighty- Student Development Program Record: To monitor achievement l
in academic, co- curricular and extra-curricular activities, a special
"Mission Be Mighty" is designed. With the help of 'Be Mighty' booklet,
to measure the skills throughout all eight semesters. The booklet plays
in the evaluation of program outcomes. It is a micro-level monitoring g
guides the students for acquiring the required skills. The objectives b
mentoring this activity are 1.To develop the students with enhanced tec
skills for immediate employability. 2.To guide the students in selectio
educational options. 3.To give exposure to competitive examinations. 4.
students for the development in the areas of their interest. 5.To make
able to learn new technology independently (Self Learning). 6.To assist
for creating awareness of social responsibilities. "Guardian Teacher Ho
discuss the effective methodologies to acquire the technical and cocurr
In the given one hour session, guardian teacher helps the students at i
to raise their interest in academic study as well as for the other acti
them learn by doing. 2. Finalization of Program Educational Objectives(
Outcome (POs) and Program

Specific Outcome(PSOs) Department Academic Advisory Committee, headed b
faculties of department formulated the Programme Educational objective
Outcome , Program Specifc Outcomes and continuous improvement plan for

department. Institute Academic Advisory Committee approved the Programm
objective of each Department ,Programme Outcome , Program Specific Outc
continuous improvement plan for student of each department to ensure qu
outcome based Education. 3.Project Exhibition - An exposure to students
College conducts the Project Exhibition for final year UG students to i
confidence level of the students and to encourage them for solving the
society by technical contribution . This exhibition is arranged to prov
and unleash the potential of the students by showcasing their innovativ
either as industry defined problem or user defined problem. It also prc
opportunity for the students to demonstrate their learning experience.
motivate the students by giving publicity of their projects through pri
electronic media.

File Description	Documents
Paste link for additional information	
Upload any additional information	V

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of ope
outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental
various activities

Response: The IQAC formed a separate academic monitoring committee to r
learning process , which includes incharge and coordinator along with c
each department .This committee assess the course file and the students
register.

The monitoring process is interdepartmental.

1) Academic monitoring Activity (Course file, e books, learning resourc
Monitoring Committee periodically monitors all the academic activity .
course file , Teaching Plan ,learning resources to be used by faculty ,
, Course outcomes , syllabus completion status etc. Teachers' teaching
distribution for the next semester is done at the end of previous semes
also prepare course file of the subject in which following documents/da

1. Subject syllabus

2. Class time table

3. Teaching Plan

4.University question papers

5. Unit test question papers

6.Assignments

7.Class notes (chapter/unit wise)

8. List of books and their quantity available in college library

9. List of e-books.

Students' Record Register is maintained for each subject/course separat
respective teachers in which students' theory and practical attendance,
write up marks, assignment marks, Unit test and objective test marks ar
mock feedback of teachers is also taken in first 20 to 30 days after st
semester. HODs used todiscuss the improvements needed (if any) which ar
students with the respective teachers personally. Due to this mock feed
teachers also gets the time for improvement in the same semester.A thor
including all aspects of teaching is also conducted at the end of the s
of which is also attached to teachers' personal file and considered for
Principal discusses about any improvements needed with the teachers per
guides the teacher for his/her improvement.A parents' meet is also call
progress of students to their respective guardians or parents after fir
This will help in transparent discussions between students, teachers an
the overall development of students. The course outcomes measured are r
improvement plan are suggested by monitoring committee . Monitoring com
that the internal assessment system use for giving term work marks is u
transparentdiscuss the improvements needed (if any) which are demanded
the respective teachers personally. Due to this mock feedback system, t
gets the time for improvement in the same semester.A thorough feedback
aspects of teaching is also conducted at the end of the semester, a cop
also attached to teachers' personal file and considered for appraisal.
discusses about any improvements needed with the teachers personally an
the teacher for his/her improvement.A parents' meet is also called to s
progress of students to their respective guardians or parents after fir
This will help in transparent discussions between students, teachers an
the overall development of students. The course outcomes measured are r
improvement plan are suggested by monitoring committee . Monitoring com
sees that the internal assessment system use for giving term work marks
made transparent

File Description	Documents
Paste link for additional information	Ni
Upload any additional information	No File U

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)	C. Any 2 of the above

File Description	Docu
Paste web link of Annual reports of Institution	
Upload e-copies of the accreditations and certifications	No
Upload any additional information	No

Upload details of Quality assurance initiatives of the institution (Data Template)	

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

The concept of gender equity refers to "fairness of treatment for both
according to their respective needs. This may include equal treatment o
is different but which is considered equivalent in terms of rights, ben
obligations and opportunities

Gender equity in education means that males and females have equal oppo
terms of economic, social, and cultural.

The institute has a policy of appreciating faculty without gender bias.
are nominated, based on their ability, as heads of the departments and
various committees and discharging their duties efficiently

File Description	Documents
Annual gender sensitization action plan	Nil
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	Our Institute provides a safe and secure campus students. The institute has provide separate girls a in the campus with 24 hours rector and security g Ambulance facility is provided in medical emergen compliant committee, Sexual Harassment committee a committee are looking for the students and staff institute is 24 hour under CCTV vigilance for the information of specially appointed lady police(Dami android application of Solapur Police Commissioner students. Women's Help line number is displayed in t separate seating arrangement is available in the lik and boys. Transport facility is provided for all t Reservation for girls is provided in the college l napkin vending machine is provided in college camp hygiene

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment	D. Any 1 of the above

File Description	Documents
Geo tagged Photographs	Vi
Any other relevant information	Vi

7.1.3 - Describe the facilities in the Institution for the management of the following types of de degradable waste (within 200 words) Solid waste management Liquid waste management Biome management E-waste management Waste recycling system Hazardous chemicals and radioactiv management

```
a)Solid Waste Management:-

Institute is having separate toilets and washrooms for boys and girls o
This waste from toilets is collected and treated in septic tank and soa
waste from laboratories, classrooms separately collected in dust bins p
classroom, laboratories. It is instructed to all faculties, office staf
side printed papers for printing of documents required for intra colleg
man power is available for cleaning and collecting green waste from gar
viz. trees leaves, flowers, grass etc. It is dumped at common place to
convert in to natural fertilizers

b)Liquid Waste: -Liquid Waste from wash basin, urinals, and laboratory
collected, diluted, neutralized and then discharged in septic tank and

c)E Waste:-

All nonworking electronic parts of computers, electronic equipment are
collected in maintenance room. Following practices adopted for E- Waste

a)PCs under maintenance are reassembled by using useful parts like moni
motherboards, processors, keyboards, mouse, SMPS, UPS, cables from E-Wa

b)A Demo experiments of assembling and dissembling are also carried out

c)All remaining E -Waste is collected and periodically sold to vendors
```

File Description	Do
Relevant documents like agreements / MoUs with Government and other approved agencies	N
Geo tagged photographs of the facilities	

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus	B. Any 3 of the above

File Description	Docu
Geo tagged photographs / videos of the facilities	
Any other relevant information	

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:	B. Any 3 of the above

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

File Description	Documer
Geo tagged photos / videos of the facilities	
Various policy documents / decisions circulated for implementation	
Any other relevant documents	No

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institutio

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	E. None of the above

File Description	Docun
Reports on environment and energy audits submitted by the auditing agency	
Certification by the auditing agency	No
Certificates of the awards received	No
Any other relevant information	No

7.1.7 - The Institution has disabled-friendly, barrier free environment 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 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading	D. Any 1 of the above

File Description	Docum
Geo tagged photographs / videos of the facilities	
Policy documents and information brochures on the support to be provided	No
Details of the Software procured for providing the assistance	No
Any other relevant information	No

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., t
harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (

College organizes and conducted several activities to build and promote
for ethical, cultural, and spiritual values among the students and staf
the emotional and religious feelings among the students and the faculty
days are celebrated on the campus with the initiative and support of th
The college and its teacher and staff jointly celebrate the cultural an
festivals like, teacher's day, Induction program, oath, plantation, Won
day. In this way the institute's efforts/initiatives in providing an in
environment for everyone with tolerance and harmony towards cultural, r
linguistic, communal socioeconomic, and other diversities

File Description

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

Any other relevant information

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligatic
duties and responsibilities of citizens

Constitution Day is celebrated on 26th November every year. The program
with Preamble reading of the constitution followed by oath on the sensi
students on responsibility towards the constitutional values, rights, d
responsibilities of citizens

Every year Institute celebrates Republic Day, Maharashtra Day and Indep
January 26, May 01 and August 15 respectively. The celebration is atten
Teaching and Non-teaching Staff, Invitees, guestsFlag hosting with Nati
oath of national integrity is the programBlood Donation Every year inst
blood donation camp in association with District Civil District General
Rotary Club. The students are sensitized on the importance of the activ
encouraged to participate in saving the life of citizens of India.The s
encouraged to participate in the activities of spreading the awareness
on social issues like road safety

File Description

Details of activities that inculcate values; necessary to render students in to responsible citizens

Any other relevant information

| **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. 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   4. Annual | B. Any 3 of the above |

awareness programmes on Code of Conduct are
organized

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

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

Every year Institute celebrates Republic Day, Maharashtra Day and Indep
January 26, May 01 and August 15 respectively. The celebration is atten
Teaching and Non-teaching Staff, Invitees, guestsFlag hosting with Nati
oath of national integrity is the program.Constitution Day is celebrate
November every yearThe college and its teacher and staff jointly celebr
and regional festivals like, teacher's day, Induction program, oath, pl
Women's day, Yoga day

File Description	Do
Annual report of the celebrations and commemorative events for the last (During the year)	
Geo tagged photographs of some of the events	N
Any other relevant information	N

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC for Manual.

Best Practice - 1 1. Title of the Practice: BMIT Vichar Manthan-'Where
Youth' 2. Objectives of the Practice: Man is a social animal and he nee
his responsibility and role in the society. Academic education only giv
and skills for his survival but not behavioural lessons. BMIT Vichar Ma
fill this gap. 1) To make students aware of their social responsibility
about the scope for their career apart from the conventional practices
analyze and synthesize their thoughts and encourage for taking decision
inculcate the moral values and ethical practices which help in taking d
encourage them for lifelong learning 3. The Context: Reading the books
academics helps the students to enhance their thinking ability, decisio
ability. The autobiographies of the eminent personalities give the expe
behavioural lessons in the contemporary situations. They also inculcate
practices and moral values. But in the semester pattern of professional
students don't get sufficient time to read the books other than academi
the college organizes "BMIT Vichar Manthan" every year for all students
Eminent personalities from various fields are invited as speakers to sh
experiences or to talk on specific topics. This is one kind of interact
Students used to ask their doubts or questions to these speakers. This
up the above mentioned gap of reading to a big extent. This activity al

platform for the students to learn managerial skills in managing this e
Practice: This event is organized in the last week of January or first
February. The planning phase starts in the first semester only. The dat
tentatively planned. First the speakers from various fields are finaliz
contacting them through various means by phone calls, personal meet, le
email and their appointment date, time and remuneration is finalized. V
arrangement is one of the major constraints in arranging this event. Th
finalized considering the accommodation of all staff and students of th
along with the invitee from academics, industry and society. The stage
along with sound and light arrangement is made. The transportation faci
provided. The separate committee works for the invitation and publicity
A press conference is arranged for the awareness of the program. Securi
are made to guests and students. Vehicle parking facility is also provi
are involved in all committees as volunteers. A special committee works
arrangement of speakers and hospitality. Flow of program as per the sch
speakers is decided. The anchoring committee takes care of everything t
to happen on the stage. Students welcome the guests with flag march and
performance (Ganesh Vandana) and then the actual session starts with in
Felicitation of the speakers. One session is of about 1.5 to 2 hrs. The
interact with the speakers by asking the questions. This practice has b
from academic year 2013-14. The eminent speakers invited fromfrom varic
were[1]Law: Padmashri Adv. Ujwal Nikam, Adv. Sambhaji Mohite Literature
Shri. Ashok Naygaonkar, Pravin Davane Scientists: Dr. Pradip Shrivastav
V Reddy, Singapore Entrepreneur: Shri. D.S.Kulkarni, Shrikant Ika, Prak
Politician: M.L.A. Praniti Shinde, M.L.A. Yashomati Thakur Actor: Madhu
Rahul Solapurkar Music: Avadhoot Gupte

Administration: IAS Officer, Shri. Avinash Dharmadhikari, Nila Satyanar
Election Commission) Media Reporter: Dr. Sameeran Walvekarn Motivationa
Nitin Bangude-Patil Education: Dr N.N. Maldar (Vice Chancellor, Solapur
Yashavant Patane 5. Evidence of Success: We measured the success of thi
aspects, successful conduction of the event and the satisfaction of obj
for the program. By overcoming all kinds of problem the events were suc
conducted. Almost all local news papers published the news of the event
channel telecasted the event many times. The parents or the local peopl
attend the live program by any reason could watch it on television. We
feedback sheets for taking the feedback regarding conduction of program
the expected outcomes. Maximum students are satisfied with the organiza
program. The social responsibilities identified by most of the students
they would contribute for are –'Fight against the corruption in our nat
the needy in the society'. One of our alumni Mr Vishwas Shinde joined N
Ashram, Pabal,Pune which works in skill development programs for HSC, S
students. The values they identified in the various sessions and they w
values in their life are[1]Honesty, Trust, caring, Respect, cooperation
students said that these sessions encouraged them for life-long learnin
Encountered and Resources Required: Problems Encountered: Major problem
are in getting the dates of the eminent speakers. It becomes to fit the
dates of these speakers in our schedule and vice versa. The second prob
deciding the venue. There is no big closed auditorium in the city which
accommodate all staff, students and invitee (2000 persons). If it is ar
ground of our college then transportation facility is to be provided fo

number. Maintaining discipline throughout program also sometimes become
Sometimes the train or car by which the speakers travel may get late by
such case, it becomes difficult to manage time in the program. Resource
Venue of the program, Stage arrangement, Seating arrangement, Sound arr
monitor arrangement, Transportation facility, Felicitation material , G
facility in case of power failure 7. Notes The practice of 'Vichar Mant
contribution in overall development of staff and students.

The noticeable behavioural changes in the students can be identified. T
encountered in the conduction of program can be overcome by one or othe
problem of venue can be solved considering the number of audience. If t
1000, then it is better to take the program in open ground in a pendol.
of the speakers are to be taken 6 months before and the reservations of
are to be confirmed along with their staying arrangement as early as pc
alternate plan should be kept ready for any kind of delay in the progra
entertainment programs by students. A redundant arrangement of local sp
made in case the scheduled speaker cannot attend the program by any rea
Practice - 2 1. Title of the Practice: Mission "Be-Mighty" A micro leve
monitoring pattern for Individual Students Development. 2. Objectives c
Working beyond the confines of the curriculum has a huge impact from te
as students point of view. The objective behind this mentoring activity
the students with enhanced technical and soft skills for immediate empl
guide the students in selection of higher educational options. 3.To giv
competitive examinations. 4.To guide the students for the development i
their interest. 5.To make the students able to learn new technology ind
Learning). 6.To assist the students for creating awareness of social re
3. The Context: To monitor achievement level of students in academic, c
and extra-curricular activities, a special booklet named "Mission Be Mi
designed. 'The work becomes mountain when you see the entire goal loomi
If you break it up into smaller, more reachable goals, then you'll be n
procrastinate'. With the help of 'Be Mighty' booklet, it becomes easy t
skills throughout all eight semesters. The booklet plays important role
evaluation of program outcomes. It is a micro-level monitoring guide wh
students for acquiring the required skills. The scheme helps to monitor
help the students in their interest areas. With the help of this activi
to keep semester wise record of students. The activity is a tool for gu
motivating the students at individual level which helps them in genuine
professional. 4. The Practice: In engineering education, apart from aca
are supposed to acquire various technical as well as soft skills which
employable. The academics and the co-curricular courses take care of te
but students need to acquire the soft skills by self learning through v
curricular activities. To monitor these skills and their achievement le
booklet is designed, named "Mission Be-mighty", the name itself reflect
objective. It is designed to make our students mighty in all respect.

As big goals can take years to achieve but measurable goals along the w
celebrate success step by step. Based on this principle, the chief goal
into small achievable fragments. The number of required skills is state
Student need to focus on the current semester only. In one semester, fc
particular area, all academic and other goals/ targets along with the n
achieve them are specified and those are evaluated for finding students

level for the desired goal. This booklet is a micro level monitoring gu
students to build the awareness of required skills. For providing signi
attention, help, advice, information, and encouragement to the students
teacher hour is introduced in the academic time-table. For the students
first year of engineering, the booklet is designed with 8 semesters whe
semesters for the students admitted to direct second year of engineerin
of about 15 students, one guardian teacher is appointed. Students inter
the appointed faculty adviser. "Guardian Teacher Hour" is used to discu
methodologies to acquire the technical and co[1]curricular skills. In t
hour session, guardian teacher helps the students at individual level t
interest in academic study. Mentor motivates the students to participat
activities like blood donation, tree plantation, Swaccha Bharat Mission
aware about social responsibilities. The booklet plays important role i
achievement of program outcomes (graduate attributes). "Mission Be-migh
helps students enriching all areas of career development and find suita
carrying unique mentorship. 5. Evidence of Success: The evidences of th
have two aspects. Keeping the record and measurement of outcomes. The b
admitted students are preserved for record keeping in which students an
guardian teachers enter the semester wise data. Thus the booklets are m
The students found acquiring other skills than academics in alignment w
employability prescribed in the booklet. The number of aspirants for hi
is slowly increasing. Mr. Anmol Ganer alumnus of our institute has chos
painting as his career. He had started Anmol Art Foundation at Nagpur.
Mulla alumnus of our institute had joined Indian Engineering Services.
Shinde (Alumnus) has joined the Vigyan Aashram NGO A/P Pabal, Pune whic
skill development programs for HSC and SSC failed students. Hence our s
developing their career in different fields. The students having averag
qualifying examination passed BE with good marks. 6. Problems encounter
Resources Required: "Mission Be-mighty" activity requires a booklet of
diary for keeping semester wise record of students. Every year we need
booklets as per the new admissions. It is crucial to keep the record of
students. Handling over the booklets of passed students to newly appoin
teacher from previous mentor and keeping the booklets of failed student
enter in next year is difficult. It is important to increase the involv
in this practice. The practice is successfully running till date. If th
misplaced then it is difficult to recover the data as there is no back
7. Notes: All the students admitted in the institute are provided with
booklet of 20 pages. Alumni meet is conducted by the institute every ye
to maintain the record of alumni students. In "Mission Be-mighty" mento
the allotted guardian teacher guides the failed students synchronizing
students. To increase the involvement of parents in the activity, we co
teacher-student meet in every semester. The activity of record keeping
if it is maintained in soft form. Best Practice – 3 1. Title of the Pra
Exhibition - An exposure to students' research. 2. Objectives of the Pr
project exhibition is arranged to give an opportunity for students to e
and new findings of their final year projects and researches. 1.To prov
for demonstration of artifact developed by applying the knowledge gaine
program. 2.To motivate the students by giving publicity of their projec
and electronic media. 3.To expose students' innovative ideas to the ent
entrepreneurs for any kind of sponsorship. 4.To make interaction betwee
parents of various components of society. 5.To enhance the oral communi

/presentation skill among the students. 6.To give the ideas about proje
students. 3. The Context: Now a days, new technologies are providing nu
opportunities along with the requirement of new skill sets and challeng
for the budding engineers. Students have to be a perfect fit into the c
industrial needs. We conduct the Project Exhibition for final year UG s
improve the confidence level of the students and to encourage them for
problem of society by technical contribution .This can be done by devel
models of day to day applications and industrial needs. This exhibition
the platform and unleash the potential of the students by showcasing th
projects either as industry defined problem or user defined problem. It
an opportunity for the students to demonstrate their learning experienc
exhibition, students get platform to expose their research in front of
different stakeholders like industry experts, parents, alumini, junior
teachers. 4. The Practice: College organizes one day project exhibition
campus to exhibit all the projects of all final year students in second
of April every year since 2010 .The exhibition is open to all for whole
students' school students from nearby region, parents visit the exhibit
with the students. Students here learn to explain (communicate) the tec
and procedures to the common man in simple and understandable language.
from the industries are also invited for any kind of sponsorship or gui
and visitors ask the questions to students and students satisfy them by
to their queries. Junior students also interact with all other students
information of all type of projects. For every project exhibition we ar
conference .The information of all projects in brief are given as press
reporter in hard and soft form along with photographs of students, the
respective guide. The local news reporters publish the news of projects
useful for the society point of view. For the convenience of visitors w
exhibition in various sections like computer science engineering, mecha
engineering, electrical engineering, electronics and telecommunication
.These sections are also decided according to resources required to exh
projects. 5. Evidence of Success To expose students' talent in front of
industry we invite the media persons to publish the news of project whi
for the society and industry, for government organization, private comp
such platform some of our students' projects received sponsorship. Our
received sponsorships for project by industries and government organiza
our computer science student's project "Advance Transport Management Sy
sponsorship by Solapur Municipal Transport (SMT). The news of many proj
broadcasted by news channels like Star Maza, Zee 24 Tas, In news, Vrith
news is also published in local news papers like Daily lokmat, Sakal, D
Punyanagari, Sanchar etc. Junior students learn to identify the societa
methodology of doing projects by/through interacting with their seniors
Encountered and Resources Required: For organizing the project exhibiti
resources are laboraties and space for bulky projects, contribution o
financial support. But our institute has huge campus with open space an
labs so we didn't find any difficulty in organizing event . It also req
cooperation of news reporters. All media reporters will not come togeth
difficult to student to give information to all of them. It is also dif
the sponsored project models which are usually put in industry to the c
especially for the exhibition.

File Description	Docu

Best practices in the Institutional website
Any other relevant information

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thru

Academic excellence is the major area which makes our vision distinctiv
inception, the institute is taking consistent efforts to establish stro
learning process. Student's academic performance is monitored continuou
regular unit test, mid-term, practical and oral examination, preliminar
Remedial classes and laboratory sessions are conducted for slow learner
department prepares academic calendar in line with the institute level
calendar before the commencement of

semester which helps students and teachers to orient in right direction
feedbacks and continuous student assessment help to monitor quality del
curriculum and significant improvements. To record and monitor performa
in academics and various extra, cocurricular activities, technical skil
booklet is designed, named "Mission Be-mighty" which is maintained thro
teachers. This scheme improves bonding between the faculty and the stud
feel free to share any kind of problem. It further improves the perform
students, and ultimately niversity results and placement

File Description	Documents
Appropriate web in the Institutional website	No File
Any other relevant information	No File

7.3.2 - Plan of action for the next academic year

To achieve high standards in Research and Development. - Research proje
Educational and Social research project will be taken into consideratic
Core Computational and ICT facility. - To take up consultancy projects
some modules of ERP system. - To encourage faculty for doing Ph.D, recr
having Ph.D qualification which will give better ranking in NIRF 2021 -
Incubation centre. - To promote more Industry and Premier Institute con
establish Industry sponsored Laboratory. - To sign 3 MOUs for each depa
as MOU with BARC. - To organize international conference and FDP/STTP p
lay a path to upgrade grade of NAAC