Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	**SHRI BALASAHEB MANE SHIKSHAN PRASARAK MANDALS ASHOKRAO MANE GROUP OF INSTITUTIONS**
Name of the head of the Institution	**Prof. P. B. Ghewari**
Designation	**Director(in-charge)**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**02302407740**
Mobile no.	**7972882808**
Registered Email	**director@amgoi.edu.in**
Alternate Email	**pbg@amgoi.edu.in**
Address	**VatharTarf Vadgaon, Pune Bengaluru Highway, Tal Hatkanangale, District Kolhapur 416112, Maharashtra State, India**
City/Town	**Kolhapur**
State/UT	**Maharashtra**

Pincode	**416112**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**Self financed**
Name of the IQAC co-ordinator/Director	**Prof. S. P. Nevagi**
Phone no/Alternate Phone no.	**02302407740**
Mobile no.	**9975096359**
Registered Email	**spn.amgoi@gmail.com**
Alternate Email	**patilrajendra@amgoi.edu.in**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://www.amgoi.org/uploads/academics/AQAR%20NAAC/AQAR%202018-19.pdf.pdf

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	http://www.amgoi.org/uploads/download/Even%20Sem%202019-20.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**A**	**3.08**	**2015**	**01-May-2015**	**30-Apr-2020**

6. Date of Establishment of IQAC	**02-Jan-2013**

7. Internal Quality Assurance System

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

IQAC		
Feedback Collection	**09-Mar-2020** **15**	**720**
[View File]()		

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

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Nil	**Nil**	**Nil**	**2020** **0**	**0**
No Files Uploaded !!!				

9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	[View File]()
10. Number of IQAC meetings held during the year :	**3**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	[View File]()
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

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

1) All the departments are encouraged to conduct seminars, workshops, conferences etc. So no. of seminars are conducted during this academic year (20192020) 2)All the staff are encouraged to attend seminars, workshops, conferences etc. so faculty attended state level, national level workshops, conferences and seminars during this academic year. 3)Students are also encouraged to undertake study projects. 4)Students are encouraged for higher studies. Due to encouragement students have got admissions in affiliated colleges to do P.G. Courses. 5) Due to the encouragement 55 papers of the faculty were published in various journals during the academic year 2019 2020.

[View File]()

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

Plan of Action	Achivements/Outcomes
• Submit data for AISHE	• Data submitted to AISHE
• Participation in NIRF	• Participated in NIRF
• Conduct Academic audit	• Academic audit conducted
• Conduct Administrative audit	• Administrative audit conducted
• Submit proposals to Faculty Development Schemes of AICTE	• FDP Proposals submitted to AICTE
• Organising co curricular and extracurricular activities	• Organised REFLEX, Engineers Day, Teachers Day
[View File](#)	

14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
http://www.amgoi.org/committees/	04-Sep-2020

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**No**

16. Whether institutional data submitted to AISHE:	**Yes**

Year of Submission	**2020**

Date of Submission	**30-Jan-2020**

17. Does the Institution have Management Information System ?	**Yes**

If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	**The Institute have implemented management software module in administrative, academic, and financial day today operations of institute. This software is used to manage a variety of things including: • Management Information System in Student Registration and Admission Process: The students' data is well organized through this module. When student confirms admission in the institute his/her personal, academic, his/her photograph, signature bank details are collected through the software. This software generates a unique ID for each student. The personal details are necessary for correspondence with parents, academic details are necessary**

while uploading documents for EBC/Scholarship. This information is available at figure tip. Different reports can be generated through this software such as Roll Call list department wise, eligible EBC students, eligible Scholarship Students, eligible minority students. Different reports can be printed with a single click such as Bonafide Certificate, Transfer Certificate, Character Certificate, and Leaving Certificate. Individual student's report can be generated through this software. This Software is playing an important role in speeding up students' related work. • Management Information System in Account Department: The software is implemented in finance and account department. The software keeps track on cash received, cash utilized for various heads such as new construction done in the premises, renovation done in the campus, purchase of equipments, maintenance of equipments, salary paid, cash refunded to student in case of educational loan. All kind of vouchers can be created with the help of this software. The software keep record of fee received from government, fee collected from students, outstanding amount from individual student. Various reports can be generated through this software such as ledger report, fee collected report, fee pending report, balance sheet report. The software is user friendly and fulfilling the requirements of finance and account department.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

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

Institution has the mechanism for well planned curriculum delivery and documentation. The Institution has adopted Outcome Based Education (OBE). The POs and PSOs for all programs are drafted and published at department notice board, display boards at various locations, lab manuals, course plan, website, etc. The Institute and all departments prepare academic calendar in line with academic calendar published by Shivaji University Kolhapur and DBATU, Lonere. The academic calendar provides date of commencement of the academic session, duration of semester, schedule of internal tests, final semester examinations etc. The curriculum delivery is planned and delivered to attain the course outcomes (COs), Program Outcomes (POs) and Program Specific Outcomes (PSOs) by each department. It is ensured that the supportive and productive learning

environment is created and maintained in the teaching learning process. Apart from chalk and board, new teaching learning methods such as presentations, models, virtual labs, video lectures, audio-visual aids, animations, case study method, projects, surveys, quiz etc. are implemented in the delivery of theory and laboratory courses. The co-curricular activities such as seminars, workshops, guest lectures, Industrial visits, mini projects, tutorials, life skills workshops, add-on classes are planned in line with the curriculum to ensure holistic development of students. All faculties prepare teaching plan before start of semester and implement the academic and co-curricular activities as per the plan. The faculties encourage fast learners for outstanding academic performance, participation in competitions and give more attention on performance of slow learners. The mentoring system is followed in Institute. A separate slot is assigned in time table for mentoring of students. The faculty members monitor and encourage overall development of the allotted mentees. This is to strengthen the bonds of appreciation and affection that exists between teachers and students. Expert lectures or technical workshops are arranged for the benefit of the faculty and the students. In this way new technology and skills are inculcated in students. These skills are essential for enhancing their employability. Learning outcomes are assessed by assignments, class test, question-answer sessions, quiz, rubrics etc. Students are encouraged to perform, analyze and record the experimental outputs during laboratory work. Continuous assessment is implemented which includes internal oral, laboratory work performance etc. All faculty maintain record of teaching plan, syllabus covered, unit test records, journal, attendance etc. for evaluation. In this manner the content to be delivered is planned and documented to address attainment of POs and Program Specific Outcomes (PSOs) detailed by the department.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
Advanced building architectural software 3D Max,V ray and photoshop	Nil	15/03/2020	5	Focus on employability as well as entrepreneurship	3D MAX is a computer graphics program for creating 3D structural drawings, models
Tata Technologies, Ready Engineer Program	Nil	08/07/2019	7	Focus on employability as well as entrepreneurship	Employability Skill Developed
Full Stack Development	Nil	17/07/2019	7	Focus on employability as well as entrepreneurship	Software Skill Developed

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nill	NIL	Nill

	No file uploaded.	

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	BE Computer Science and Engineering	09/08/2012
ME	M. E. Computer Science and Engineering	29/09/2014
BTech	B.Tech. Computer Science and Engineering	18/08/2017
Mtech	M.Tech. Computer Science and Engineering	09/10/2017
BE	B. E. Electrical Engineering	09/08/2012
BTech	B.Tech. Electrical Engineering	18/08/2017
BE	B.E Electronics and Telecommunication Engineering	09/08/2012
ME	M.E Electronics and Telecommunication Engineering	29/09/2014
BTech	B.Tech Electronics and Telecommunication Engineering	18/08/2017
Mtech	M.Tech Electronics and Telecommunication Engineering	09/10/2017
BE	BE Mechanical Engineering	09/08/2012
ME	M.E (Design Engineering)	29/09/2014
ME	M.E (Production Engineering)	29/09/2014
BTech	B. Tech. Mechanical Engineering	18/08/2017
Mtech	M.Tech (Design Engineering)	09/10/2017
Mtech	M.Tech (Production Engineering)	09/10/2017
MBA	Mater of Business Administration(MBA)	07/07/2014
BE	Civil Engineering	02/07/2012
BTech	B.Tech Civil Engineering	18/08/2017
ME	M. E. Construction Management	29/09/2014

| Mtech | M. Tech. Construction Management | 09/10/2017 |

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

	Certificate	Diploma Course
Number of Students	95	0

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
SAP2000 and ETAB Software Training	31/08/2019	22
Advanced building architectural software 3D Max,V ray and photoshop	09/01/2020	28
Basic Arduino Microcontrollers	14/09/2019	39
Tata Technologies, Ready Engineer Program	08/07/2019	30
View File		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
MBA	Summer internship program MBA	40
BTech	Field training & internship	490
View File		

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained
Students' feedback is collected twice in a semester to ensure improvement (if necessary) in teaching process. Feedback of all teachers is taken online at department level. Feedback Questionnaire is given and explained to the participating students. Collected Feedback is scrutinized by the Head of department. All the parameters in the feedback form are analyzed. Teaching abilities with respect to each parameter is analyzed. The feedback score along with the comments are communicated to the respective faculty members to know strengths / weaknesses and to improve teaching skills. Appreciation letter is given to faculties who have received excellent feedback (more than 4.5 rating

out of 5.0 rating). Performance improvement letter is given to faculties who have received average feedback (less than 3.0 rating out of 5.0 rating). Feedback mechanism is focused to ensure best Teaching Learning practices. Following are the points or questions on the basis of which every faculty being rated by the students. 1. Punctuality of faculty in lecture. 2. Subject knowledge of faculty 3. Communication Skill of the Faculty. 4. Use of examples / demonstration / teaching aids / methods / tools during lecture. 5. Teaching with respect to examination point of view. 6. Interaction with students with respect to queries and doubts. 7. Coverage of syllabus within prescribed period. 8. Class control of faculty. 9. Understanding of subject to students. 10. Remarks if any. Rating Criterion - 1. Need Improvement 2. Below Average 3. Average 4. Good 5. Excellent Teachers' feedback is collected once in a year based on teaching aids available in the Institute, fulfillment of infrastructural facilities for teaching learning process, facilities offered by the Institution for all round development of faculty. Management analyses the teachers' feedback and take corrective actions wherever required. Alumni feedback is collected once in a year on academics, trainings necessary to impart to students, necessary skills required for employability and enrichment in curriculum. The feedbacks are analyzed and suggestions are implemented. Employer feedback is collected once in a year on performance of placed students in their company. The feedback consists of questions on technical abilities and interpersonal skills of the students employed in the company. Parent meet is organized once in a semester. The presentation about academic performance, progress of students, curricular and extracurricular activities conducted, placements etc. is shown to the parents. The feedback is collected from parents on the academic and other facilities provided to students. On regular basis the feedbacks are collected from students, teachers, alumni, employer and parents, analyzed and implemented. These are the basis overall development of the Institution.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
Mtech	E & TC	24	9	9
Mtech	Computer	24	13	13
Mtech	Civil	18	12	12
Mtech	Mechanical	18	11	11
Mtech	Mechanical	18	7	7
BTech	Mechanical	180	9	9
BTech	E & TC Engineering	60	5	5
BTech	Electrical Engineering	120	15	15
BTech	Computer Engineering	60	30	30
BTech	Civil Engineering	60	7	7
View File				

2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	1607	191	76	13	16

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
89	89	8	5	2	6

View File of ICT Tools and resources

View File of E-resources and techniques used

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

Mentoring system is implemented to support and encourage students in their curricular and extracurricular activities, to maximize their potential, develop their skills and improve overall performance. Mentoring is a powerful personal development and empowerment tool. It is an effective way of helping students to progress in their careers. The enrolled students are from different strata of the society and at times go through difficulties in academics, personal life career etc. Each faculty is allotted a batch of students for mentoring. A record is maintained for each student consisting of his/her personal information and academic performance. A time slot is reserved for mentoring session in the time table. Class coordinators keep watch on students' behavior along with mentors to check the need for assistance. Counseling is done at the personal level by the mentor to help the student for overcoming his/her problems faced and bring the student back to main stream learning. The students are counseled for academics, career advancement, course work, laboratory specific. The mentor motivates the mentees for better performance. The mentor maintains communication with the parents and conveys academic performance, co-curricular, extra-curricular performance of their ward. The mentors take care of allotted mentees throughout their graduation. Every effort is made for all-round personality development of students enrolled in the Institute.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1798	89	1:20

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
89	89	0	11	14

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr. S. G. Sapate	Associate Professor	Appreciation Award

2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BTech	621719110	Winter	23/12/2019	03/02/2020
BTech	621724210	Winter	23/12/2019	03/02/2020
BTech	621737210	Winter	23/12/2019	03/02/2020
BTech	621729310	Winter	23/12/2020	03/02/2020
BTech	621761210	Winter	23/12/2019	03/02/2020
BTech	621719110	Summer	15/05/2020	04/09/2020
BTech	621724210	Summer	15/05/2020	04/09/2020
BTech	621737210	Summer	15/05/2020	04/09/2020
BTech	621729310	Summer	15/05/2020	04/09/2020
BTech	621761210	Summer	15/05/2020	04/09/2020

2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

As per the guidelines of DBATU Shivaji University the Institute has appointed examination officer for smooth conduction of examinations and making policy decisions in regard to organizing examinations, improving the systems of examinations. The Institute has department wise internal examination committees who aware the students regarding CIE. The orientation program and induction program are conducted at the beginning of the semester as per guidelines of DBATU. Tutorial are conducted weekly which helps in understanding concepts clearly. The question papers are set to make the student to learn time management. The question bank is provided to students by referring university question papers. After examination the assessment scheme is displayed on notice board and discussed in the class which will enable students to perform well in the final examination. Best answer sheet is displayed on the notice board or discussed in the class. The class coordinator does the result analysis of examination. Mid semester exams are conducted for all courses after completion 50 percent syllabus. Viva-voce exams are conducted during lab hours to assess practical skills of students. The Director conducts department wise review meetings to give necessary feedback for the improvement of students' performance. The students' performance is assessed through group discussions, seminars, assignments, four week industrial training and periodically held written tests. Based on CIE internal marks are allotted to students.

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

The Institute and all departments prepare academic calendar in line with academic calendar published by Shivaji University Kolhapur and DBATU, Lonere. The academic calendar provides date of commencement of the academic session, duration of semester, schedule of internal tests, final semester examinations and conduction dates of technical workshop, seminars, guest lecture, industrial visit and symposium for students. The examinations are conducted as per academic calendar. The central examination cell updates examination related

guidelines and examination related notifications received from Shivaji University and DBATU to all the departments from time to time. The central examination cell maintains details of Learning Disability (LD) students for awarding applicable concessions as per Shivaji University and DBATU norms. The cell shoulders the responsibility of examination form filling of regular and backlog students. The cell effectively does record keeping and safety of examination stationary and other related inventory. The central examination cell conducts semester examinations and department examination cell conduct internal examination. The department examination cell does the result analysis and keeps the record of it. The cell provides the result analysis of examination to Director for information and further action. The Director of the Institute along with all HODs monitors the activities and its adherence to academic calendar.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

http://www.amgoi.org/dptcivil/Program-Outcomes

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
62177807	MBA	MBA	39	39	100
621712601	Mtech	Design Engineerin	7	1	14.28
621712613	Mtech	Production Engineering	11	7	63.63
621712372	Mtech	E & TC Engineering	2	2	100
621761210	BTech	Mechanical Engineering	210	208	99
621737210	BTech	E & TC Engineering	39	38	97.43
621729310	BTech	Electrical Engineering	112	111	99.10
621724210	BTech	Computer Science & Engineering	37	36	97.29
621711191	BTech	Civil Engineering	60	60	100
621712210	Mtech	Construction Management	11	11	100

View File

2.7 – Student Satisfaction Survey

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

http://www.amgoi.org/about/Student-Satisfaction-Survey

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Nill	0	NIL	0	0

No file uploaded.

3.2 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
Two Days FDP on graphical System Design in Engineering Education Research	Civil Engineering	19/01/2020
One day workshop on Matlab Programming	E and TC Engineering	21/08/2019
Mathematical Modeling and Numerical Techniques	E and TC Engineering	09/12/2019
AICTE-AQIS sponsored, One week STTP on ""Optimization Techniques and Awareness on Research",	Mechanical Engineering	30/12/2019

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
NIL	NIL	NIL	Nill	NIL

No file uploaded.

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

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
AMGOI, Vathar	3 D Max Club	Polyedge Consultant, Kolhapur	OSKAR	3 D Designer of Building	06/01/2020

View File

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	2

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

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

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	MBA	1	3.5
International	ETC Engineering	3	7.5
International	Electrical Engineering	1	6.08
International	Mechanical Engineering	8	0.42
International	Civil Engineering	1	7.5
[View File](#)			

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

Department	Number of Publication
Mechanical Engineering	2
E TC Engineering	5
[View File](#)	

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

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Electrochemical synthesis of CuSxSe1-x thin film for supercapacitor Application	Dr. Deepak B. Shirgaonkar	International Journal	2019	3.779	Yes	0
Experimental Investigation on Hardness Properties of Laser Hardened Bead Pro¯le of Commercially Pure Titanium Grade3 Using Nd:YAG Laser	Dr.D.S Badkar	Journal of Advanced Manufacturing Systems	2019	2	Yes	1
	Dr.		2019	1.151	Yes	0

Antimicrobial efficacy of green synthesized iron oxide nanoparticles	Deepak B. Shirgaonkar	International Journal					
Influence of bath temperature on microstructureand NH3 sensing properties of chemically synthesized CdO thin films	Dr. Deepak B. Shirgaonkar	International Journal	2019	0.854	Yes	0	

View File

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

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
"Active Power Filter to Reduce Harmonics and Improve Power Quality"	Prof. P.L. Chavan	IUP Journal of Electrical Electronics Engineering	2019	1	2	Yes

View File

3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	0	43	0	0

View File

3.4 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Blood Donation Camp	Civil Engineering Department in	10	123

| Blood Donation Camp | Tata Technologies, Ready Engineering Program | 20 | 26 |

<div align="center">

[View File](#)

</div>

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

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Elsevier's BioCybernetics and Biomedical Engineering	Appreciation Award -2019	AMGOI	50
"Breast cancer diagnosis using abnormalities on ipsilateral views of digital mammograms,	Appreciation Award -2019	AMGOI	30

<div align="center">

[View File](#)

</div>

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

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Tata Volunteering Week	Tata Technologies, Ready Engineering Program	Blood Donation Camp	10	26
NA	Civil Engineering Department in association withSanjeevan Blood Bank and Vaibhavi Laxmi Blood Bank, Kolhapur	Blood Donation Camp	10	123

<div align="center">

[View File](#)

</div>

3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Industrial Training	E & TC Engineering Students	Industry	15

Faculty Exchange	Third Year Civil Engineering	AMGOI	30
Industrial Visit	Civil engineering students	CESA	50
Seminar on "Skill Development Hands on Training program"	SY , TY Electrical Students Electrical Dept.	AMGOI	1
Industrial Training	Electrical Engineering Students	Industry	15
View File			

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

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Field Training	On-site Training	Shree Samarth Cons truction, Khupire	04/06/2019	05/07/2019	1
View File					

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
CAD/CAM/GURU,PUNE	09/09/2019	Expert lecture on CAD CAM,	30
View File			

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
22	20.37

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing

Seminar halls with ICT facilities	Existing
Video Centre	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Classrooms with Wi-Fi OR LAN	Existing

View File

4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
Vidyasagar: Easy and Useful	Fully	1	2009

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Reference Books	625	252097	493	250769	1118	502866
Journals	96	124200	96	199094	192	323294
e-Journals	179	70500	328	207862	507	278362
e-Books	0	0	542	0	542	0
Digital Database	1	50000	0	0	1	50000

View File

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

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
NIL	NIL	NIL	Nill

No file uploaded.

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	491	16	0	0	1	1	6	120	0
Added	0	0	0	0	0	0	0	0	0
Total	491	16	0	0	1	1	6	120	0

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

120 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Prof. S. B. Patil	https://youtube.com/channel/UCKa6nMlvgzfrkfuOtYc7jRQ
Prof. R. A. Pasale	https://youtube.com/channel/UCNUREH22TXF9ugd2lul40qA

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
25.73	20.76	22	20.37

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

The maintenance of laboratory equipments, sports materials, computers, classrooms are routed through central store. The procedure for maintaining these facilities is as mentioned below: Laboratory: The Institute has well equipped laboratories as per norms of Shivaji University Kolhapur and DBATU, Lonere. The laboratories are equipped with equipments, experimental kits etc. Exclusive computer laboratories area available in all departments with adequate hardware and software. The laboratories are allotted to faculty to take care of maintenance. The laboratory assistant updates dead stock register, consumable register, carrying out routine maintenance, maintaining discipline in laboratory. The maintenance of equipments is carried out twice in a year (before the start of odd and even semester) or as per requirement. The maintenance of equipment is carried out by the laboratory assistant as per directions given by faculty. The external maintenance agency is called for critical problems in equipment with prior permission of management. Library: The Central Library is a proud resource which manages knowledge, both in print and digital format, ensures easy and anytime access to the scholarly resources and provides faculty members and students with all the support to collect, evaluate and manage information pertaining all the streams of Engineering. It offers a range of services such as membership, any time circulation, photocopying. The library is available to students from Monday to Saturday at 8.00 a.m. to 4.00 p.m. Library staff members are available for conducting day today transaction of books and to maintain discipline. The software is available for search, indexing issue and return records of books. The books are arranged in the shelves from 000.00 to 999.99 as per Dewey decimal classification from top to bottom towards right. The Engineering books are arranged in 620-629 including Civil Engineering, Computer Engineering, Electronics and Telecommunication Engineering, Electrical Engineering, Mechanical Engineering and Applied Science. The Digital Library section has high configuration Computers to access the online journals and video lectures, e-journals and other e-resources. The reading section in the library is Wi-Fi enabled to provide wireless access to the Internet. Users are allowed to use their laptops in library. The reference books and journals are issued to students to read inside library only. Only one book will be issued to students on borrow card for a period of one week. The book bank is issued to students

for one semester. Maximum five books will be issued to faculty for a semester and two books will be issued to technician/administrative staff/ nonteaching staff. The titles, volumes, number of national journals, e-journals, reading room seating arrangement, multimedia PCs for digital library/ internet surfing facility is available as per norms given by AICTE, New Delhi. Gymkhana: Institute has gymkhana equipped with kits for cricket, football, volleyball, table tennis, badminton, discuss throw, javelin throw, shot put, carom, chess, etc. It also has a modern gym. Gymkhana in charge and non teaching staff look after maintenance and utilization of equipments. Computers: Central computer facility is available in the Institute. Computer maintenance is carried out regularly and non-repairable systems are disposed off.

http://www.amgoi.org/about/Procedure-and-Policies

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Fee Concession Scheme for Poor Students	4	50000
Financial Support from Other Sources			
a) National	Financial support from Central State Government	1481	57767764
b)International	NIL	0	0
View File

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Carrier Guidance Personality Development	20/11/2019	120	Dr. Bhagwan Patil
Seminar on Study in Abroad	08/09/2019	200	Mr. S. R. Dixit
Opportunities in MPSC	12/01/2020	120	Mr. S. L. Patil, Excise inspector
Self Mastery	29/12/2019	40	Dr. Ajay Maske, International Motivational Speaker
View File

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling	Number of students who have passedin the comp. exam	Number of studentsp placed

| 2019 | Opportunit ies in MPSC | 120 | 120 | 0 | 16 |
| 2019 | Seminar on Study in Abroad | 200 | 1 | 0 | 0 |

[View File](#)

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

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
5	5	8

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
12	40	16	15	160	150

[View File](#)

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

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	4	Bachelor of Engineering	Civil Engineering	RIT Sinhgad	M.Tech.

[View File](#)

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

Items	Number of students selected/ qualifying
Any Other	3

[View File](#)

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

Activity	Level	Number of Participants
Kabbaddi (M) 1st	State level inter collegiate D-Batu university ,sports	12

[View File](#)

5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the	National/	Number of	Number of	Student ID	Name of the

award/medal		Internaional	awards for Sports	awards for Cultural	number	student
Nill	Athletics (Javeline throw mens) 1st	National	12	1	NIL	Akshay Patil

View File

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

The Institution has a student council as per Maharashtra Ordinance No. XXVIII of 2017. The student council is chaired by a senior faculty member of the Institute, one of the council members becomes head of student council, one of the council member shoulders the responsibility of secretary of the student council. The remaining council members take responsibility of one of the committee. The committees are coordination in academic activities, arranging seminars/guest lectures, conduction of sports/cultural activities, organizing technical symposium/ industrial visits, arranging programs for societal development. The council members form their own committees for successful conduction of their responsibility. Academic activities: This committee takes help of other students and does a lot of academic administrative work. They also motivate other students to take part in the activities conducted by the Institute. They work as a medium between faculty and students. They coordinate the technical symposium such as Reflex, organizes industrial visits in association with training and placement officer, inviting prominent resource persons for guest lectures. Sports Committee: The Sports Committee shows leadership in organizing various sports activities on and off campus, coordinates and promotes participation of students in inter-college sports festivals, plans and organizes financially self-sustainable inter-college sports activities, ensure facilities and equipment are safe, clean, and in good condition. Cultural Committee: The Cultural Committee actively coordinates and participates in several prominent competitions. This committee also coordinates the annual cultural event. Magazine Committee: This committee gives the platform to students to show their skills of story writing, composing poems, sharing of real life experiences, paintings, photographs and technical articles. This platform encourages students to become good researcher, creative engineer and imaginative professional. This is the core goal of this committee. Social Committees: The student council members have successfully organized the events such as tree plantation, cleaning of Institute premises, Swacch bharat abhiyan, and blood donation camp in association with NSS committee. Student Council members actively participate in various activities in association with departmental associations. They help in coordinating all the events related to academics and other co curricular Extra-curricular activities, as per the directives of teaching faculty. The institute offers necessary support to council members in organizing and coordinating the events. The student council members get the platform to exhibit their leadership and managerial skills. In future they can become competent managers.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Alumni Association is strong entity with crossing more than 1000 lifetime Members. The Management and faculty are very proud of the alumni working at different levels of corporate and start up. A faculty coordinator is shouldering the responsibility of interacting, maintaining and updating

database of Alumni. The alumni coordinator conducts workshops for final year students and for Alumni who wants to start their own business in association with training and placement cell. Alumni representatives are members in Institute Academic Advisory Committee at Institute level and Department Academic Advisory Committee in every department. They give inputs about the latest trends in industry. Alumni take part in guest lectures, workshops, mentoring training sessions. Alumni assist their juniors in preparing for National and International Competitions, share their knowledge about recent trends in industry. Some alumni entrepreneurs mentor the budding student entrepreneurs, business incubator and assist the startups incubated on campus. Few Alumni have offered campus placements and Internships in their company. The Alumni achievements are highlighted from time to time on the Institute's facebook page and through Institutes magazine. The features of annual magazine are Alumni news, Alumni achievements, Alumni contributions, Alumni articles, alumni experiences and other relevant information which is useful to the students for their future endeavors. Alumni network group on Facebook and LinkedIn help in alumni interactions and mutual exchange of news information.

5.4.2 – No. of enrolled Alumni:

1810

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

on 29th February, 2020, Alumni meet conducted in Institute Campus, 133 alumni took part in a meet and shared their thoughts and experiences. Five activities are conducted by alumni association in Institute: 1) On 15th July, 2019, an expert talk is conducted in Electrical Engineering department. The resource person was Mr. Devendra Lokhande, finolex Goa. 2) On 7th January, 2020, Career Guidance program is conducted in E TC Engineering. The resource person was Ms. Madhuri Pange. 3) On 23rd January, 2020, an expert talk is conducted in E TC department. The topic of the talk was Overseas Education which was conducted by resource person Shrirang Modak. 4) On 3rd March 2020, Civil Engineering Department was organized the industrial tour at Kolhapur. Mr. Viond Parit, Consulting Engineer, Kolhapur, invited the students of SY civil for on Site tour. 5) On 7th March 2020, Civil Engineering department had organized an event Infratech 2k20". The chief guest invited for this event was Mr. Kartik Toprani, Katera Technology Services, Pune.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

Best Practice 1: Decentralization and participative management: The success of an institution is the result of the combined efforts of all stakeholders who work towards attainment of the vision of the Institution.Institution focuses on decentralization of responsibilities among the stakeholders so that they will get an opportunity to work for the Institute. Thestakeholders are actively participated through various bodies and committeesfor implementing policies in academic and administrative affairs. Management comprises of management committee, governing council and various committees formed for progress and development of the Institution. Management committee takes care of infrastructure facilities which fulfill the quality and the required needs of the higher education to attain set goals of the Institution.It also extends all the amenities for the teaching and nonteaching faculty and students. Governing

Council takes care of financial management for upgradation of teaching leaning process and research aspects. It guides and articulates the available resources and provides free hand to the head of the Institution to reach the set goal. Teacher guardian committee is available in Institute to take care of students during four years of the education. The Principal, heads of the departments, teaching, non teaching faculties, student council members, and class representatives share the responsibilities and helps in the growth of institution. 1. Director/ Principal is the member secretary of the governing council and chairperson of the IQAC. All academic andoperational policies are based on the unanimous decision of the governing council, the IQAC cell and the teachers of the Institute. Following committees are formed for successful conduction of Institute activities. 1. Anti-Ragging Committee 2. Vishakha Cell 3. SC/ST Equal Opportunity Committee 4. Library Management Committee 5. Grievance Redressal Committee Best Practice 2: Decentralization and participative management: Various committees are formed which handles various activities in the Institute. These committees are doing their tasks successfully contributing in the growth of Institution. The functions of these committees are as follows: 1. Anti-Ragging Committee • Creating ragging free atmosphere in and outside the campus. • Creating awareness among students regarding acts and punishments pertaining to ragging activities. 2. Vishakha Cell • To create awareness amongst female employees girl students about Sexual Harassment by conducting seminars workshops. • To create Awareness of the rights of female employees students in this regard prominently notifying the guidelines. • To build self confidence amongst all girl students. • To provide appropriate work conditions in respect of work, leisure, health and hygiene. 3. SC/ST Equal Opportunity Committee • To check the reservation for backward category candidates in roster, prepared by establishment section of institution. • To check the reservation statistics for backward category candidates in advertisement of recruitment. • To prepare statistical data of reserved category students studying in the institute. 4. Library Management Committee • Requirement analysis of books / journals/magazines etc. for every academic semester for all departments and recommend to the top management through the Director for necessary procurement. 5. Grievance Redressal Committee • To create awareness among students about grievance redressal • To conduct meetings

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Human Resource Management	The Institute consists of Human resource department which is headed by Human Resource Manager. This department keep information about number of faculty available and number of faculty required. If number of faculty required then this department publish the advertisement through the news papers. This department along with subject expert selects the faculties based on their academic qualification experience.
Curriculum Development	The curriculum of the programmes is designed by DBATU lONERE/ Shivaji

	University, kOLHPAUR. The curriculum is developed by them consist of BOS members, educationalist, researchers, industry experts. After designing the syllabus it is circulated to all the institutes for suggestions. Suggestions are inculcated in the curriculum and then it is implemented in the Institutes. If any curriculum gap exist then it is compensated by arranging expert lectures, seminars, industrial visits etc.
Examination and Evaluation	As per the guidelines of DBATU Shivaji University the Institute has appointed examination officer for smooth conduction of examinations and making policy decisions in regard to organizing examinations, improving the systems of examinations. The Institute has department wise internal examination committees who aware the students regarding CIE. The orientation programmes and induction programmes are conducted at the beginning of the semester as per guidelines of DBATU. Tutorial are conducted weekly which helps in understanding concepts clearly. The question papers are set to make the student to learn time management. The question bank is provided to students by referring university question papers. After examination the assessment scheme is displayed on notice board and discussed in the class which will enable students to perform well in the final examination. Best answer sheet is displayed on the notice board or discussed in the class. The class coordinator does the result analysis of examination. Mid semester exams are conducted for all courses after completion 50 syllabus. Viva-voce exams are conducted during lab hours to assess practical skills of students. The Director conducts department wise review meetings to give necessary feedback for the improvement of students' performance. The students' performance is assessed through group discussions, seminars, assignments, four week industrial training and periodically held written tests.Based on CIE internal marks are allotted to students.
Research and Development	The faculties are motivated to pursue their Ph. D. degree. They are motivated

		to attend technical workshops, conferences, to publish their technical papers through recognized journals. They are motivated to do consultancy work.
	Admission of Students	The institute is situated in rural area so there is a less awareness about technical education. Hence the institute organize career counseling in this area. Through such counseling students get motivated for engineering admission.
	Library, ICT and Physical Infrastructure / Instrumentation	The Central Library of AMGOI is a proud resource which manages knowledge, both in print and digital format, ensures easy and anytime access to the scholarly resources and provides faculty members and students with all the support to collect, evaluate and manage information pertaining all the streams of Engineering and Management at AMGOI. It provides pleasant ambiance for both peaceful reading and study. It offers a range of services such as membership, circulation, photocopying, Open access, book bank and OPAC facility etc. As true information resource centre, the Central Library has 4382 titles, with 25735 Volumes, 98 National International print Journals and online subscription of IEEE, ASCE,Springer Mechanical E-Journals and ASTM Digital Library online for various disciplines. The digital library section with its 12 latest computer system provides NPTEL video lectures to all its users. The total investment in library as on today is Rs.1, 60, 47,870/- The library like all vibrant and productive organizations, strives to keep pace with a global, dynamic, and technology-enabled information environment to meet the expectations of its users. Smart classrooms seminars halls are equipped with projectors, high speed internet connectivity, smart boards. computers, laptops etc for improving teaching learning process through ICT. Different pedagogical initiatives such as real world examples, collaborative learning, ICT tools, and interactive classroom teaching sessions are used. Teaching methods like Q/A, Quiz and group discussion are used regularly to evaluate Student's learning and trigger cognitive levels. Industrial visits and

	Industrial trainings are useful to update technical skill. Workshops are organized to help the students to understand concepts beyond curriculum.The institute focuses on overall development of the students through participation in extra-curricular activities. Outdoor and indoor sports and games contribute significantly in grooming students. Qualities like leadership, team spirit, and competitive spirit can be inculcated amongst the students through such sports activities. Students are encouraged to participate in different sports/Games and cultural activities. Yoga classes are being conducted for promoting health in the staff and students. Cultural activities are conducted in the seminar halls, Auditorium and open air theatre of the institution.
Teaching and Learning	The Institution has adopted Outcome Based Education (OBE). The POs and PSOs for all programs are drafted and published at department notice board, display boards at various locations, lab manuals, course plan, website, etc. The Institute and all departments prepare academic calendar in line with academic calendar published by Shivaji University Kolhapur and DBATU, Lonere. The academic calendar provides date of commencement of the academic session, duration of semester, schedule of internal tests, final semester examinations etc. The curriculum delivery is planned and delivered to attain the course outcomes (COs), Program Outcomes (POs) and Program Specific Outcomes (PSOs) by each department. It is ensured that the supportive and productive learning environment is created and maintained in the teaching learning process. Apart from chalk and board, new teaching learning methods such as presentations, models, virtual labs, video lectures, audio-visual aids, animations, case study method, projects, surveys, quiz etc. are implemented in the delivery of theory and laboratory courses. The co-curricular activities such as seminars, workshops, guest lectures, Industrial visits, mini projects, tutorials, life skills workshops, add-on classes are planned in line with the curriculum to ensure holistic development of

	students. All faculties prepare teaching plan before start of semester and implement the academic and co-curricular activities as per the plan. The faculties encourage fast learners for outstanding academic performance, participation in competitions and give more attention on performance of slow learners. The mentoring system is followed in Institute. A separate slot is assigned in time table for mentoring of students. The faculty members monitor and encourage overall development of the allotted mentees. This is to strengthen the bonds of appreciation and affection that exists between teachers and students. Expert lectures or technical workshops are arranged for the benefit of the faculty and the students. In this way new technology and skills are inculcated in students. These skills are essential for enhancing their employability. Learning outcomes are assessed by assignments, class test, question-answer sessions, quiz, rubrics etc. Students are encouraged to perform, analyze and record the experimental outputs during laboratory work. Continuous assessment is implemented which includes internal oral, laboratory work performance etc. All faculty maintain record of teaching plan, syllabus covered, unit test records, journal, attendance etc for evaluation. In this manner the content to be delivered is planned and documented to address attainment of POs and Program Specific Outcomes (PSOs) detailed by the department.
Industry Interaction / Collaboration	MOUs are signed by an Institution to aware latest technology to students. The industry experts visit the institute to demonstrate technical skills required while working in industry. The visits are organized to show the latest advancements in industry, working culture etc. culture

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

E-governace area	Details
Finance and Accounts	The software is purchased from M/s Biyani Technologies, Kolhapur. The software is very much useful for preparing balance sheets.

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Prof. Shete H.V.	Micromachining Technologies for Future Products (AICTE TEQIP-III Sponsored),by Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad	NIL	0
2019	Prof. Pasale R.A	Micromachining Technologies for Future Products (AICTE TEQIP-III Sponsored),by Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad	NIL	0
2019	Prof.J.M.Shinde	Amendments of IS 10262:2019 and IS 456:2019	Nil	600
		[View File](#)		

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

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	One Week Students Development Programme on "Energy Auditing And Conservation Using Green Technology"	NIL	21/01/2019	25/01/2019	52	0

	under Lead College Activity of Shivaji University , Kolhapur.					
2020	"Training for research scholar on Gap Identi fication"	NIL	28/02/2020	29/02/2020	50	0
2020	Use of ICT Tools Techniques for effective teaching and learning	NIL	20/05/2020	20/05/2020	311	0
Nill	AICTE-AQIS sponsored, One week STTP on "" Optimizati on Techniques and Awareness on Research",	NIL	30/12/2019	03/01/2020	53	0

[View File](#)

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Qualitative Research Methodology	11	07/01/2019	08/01/2019	2

[View File](#)

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
62	89	85	108

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students

Medical facility	Medical facility	Scholarships and medical facility

6.4 – Financial Management and Resource Mobilization

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

We believe financial discipline is most important factor of any institute. Smooth and effective functioning of all the core activities of the institute is totally depends upon financial strength of the institute. Hence internal and external monitoring of the financials is very essential for institutional growth and it should be performed with transparency and impartial. The parent trust has set-up internal audit section where every transaction has to be processed as per the standard of procedure. To keep control over all the transaction institute is preferably created "NO CASH" environment in all over the campus. ERP software for implementing digital transaction activities has been deployed in Office, Store and Library. Day to Day receipts and payments are verified by internal audit section of the Trust. All the departments of the institute is preparing annual budgets in the month of February for subsequent financial year and submitting it to the Purchase Committee for consolidation of final institutional budgets. The purchase committee takes approval from Governing Body of the Institute for annual consolidated budgets and pass the sanctioned budgets to the respective departments. The External Statutory Audits of the institute financial transaction is done by the Chartered Accountant as per Accounting Standards declared by the Institute of Chartered Accountant in India and norms of Indian Income Tax department. Every year financial audit statements such as Receipt Payment Account, Income and Expenditure Account and Balance sheet along with its Schedules are prepared by the Chartered Accountant after performance of rigorous audits. Currently the external and Statutory audits for the financial year 2018-19 has been completed and also filed Audit Reports are filed with Income Tax Department, Fee Regulating Authority and other concern authorities as per necessity.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
NIL	0	NIL

No file uploaded.

6.4.3 – Total corpus fund generated

189068644

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	External Auditor	Yes	IQAC
Administrative	Yes	D S Patil, Chartered Accountant, Kolhapur	Yes	IQAC

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

1) Parent – Teacher 2019-20 2) Departmental Academic Advisory Committee Meeting

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

Refresher Course For Office Staff Members Creating Environments Based On Trust Unity Organized by Dr Babasaheb Ambedkar Technological University in collaboration with the Baha I Academy on 07-10 April 2019 1) Technical workshop to conduct lab as and when the syllabus changes 2) Personality development

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

1. Department of Civil Engineering has arranged an awareness program on 'Preparation of Higher Studies in Foreign Countries'. The road map for carrier in abroad is shared by Alumni who have completed their education abroad. They guided students on preparation for entrance exam, visa process, selection of university, admission process scholarship facilities. As a outcome of above program the students from Department of Civil Engineering, Ms. Pranita Shinde Mr. Raviraj Desai, selected in The Windsar University, Canada The Heriot-Watt University, UK respectively for their post graduation. 2. The Institute and departments have organized various programs on Soft Skills and Hard Skills to enhance students' communication skills, placements in industries. 3. Department of Mechanical Engineering have started design club through which hands on sessions are conducted to clear practical concepts of students, faculties have imparted knowledge through classroom teaching through club activity. Software skills are developed through this club activity which is useful in Mechanical Engineering. To develop the skills required in students while working in Industry are accomplished through on-going program "ready engineers program" in association with Tata Technology Ltd.

6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	Administrative audit	10/03/2020	10/03/2020	10/03/2020	5
2019	Academic Audit internal even semester	17/07/2019	17/07/2019	17/07/2019	10
2019	Academic Audit external	19/11/2019	19/11/2019	19/11/2019	5
[View File](#)					

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
International Womens Day	09/03/2020	09/03/2020	160	0

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

Percentage of power requirement of the University met by the renewable energy sources
1.Solar System 2.Rainwater Harvesting 3.Wind Power Plant 4.Energy Audit

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Ramp/Rails	Yes	4
Rest Rooms	Yes	4
Any other similar facility	Yes	4
Physical facilities	Yes	4

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	1	02/08/2019	25	Energy Awareness Program	Awareness about Energy Conservation and Electrical Safety	120
2020	1	1	06/01/2020	5	How to prepare for Online Examinations	Enabling the students for Online Examination	140
2020	1	1	03/02/2020	5	Guidelines for Driving	To aware the students about traffic rules	150
2019	1	1	09/09/2019	10	Digital Transaction through	To aware the students about	150

					Project	benefits of online transacti on	
2019	1	1	07/10/2 019	10	Prepara tion of Gate Exam ination	To aware the students about benefits of GATE E xaminatio n	160
2019	1	1	11/11/2 019	15	Career Guidance Program	To aware students about opp ortunitie s after 10th 12th standard	200
2019	1	1	23/12/2 019	5	Preparing for Compe titive Ex amination	Enabling the students for Comet itive Exa minations	125

[View File](#)

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

Title	Date of publication	Follow up(max 100 words)
Code of Conduct for Teachers, Non teaching staff for Students	05/08/2019	• A teacher shall have freedom of thought and expressions. He/she shall not misuse the facilities or forum of the college/University. • A teacher shall not make use of the resources and/or facilities of the Department/College/Univer sity/ Governing Body for personal, commercial, political or religious purposes. • Teachers should be good counselors and Facilitators. They should help, guide, encourage and assist the students to ensure that the Teaching-Learning Process is effective and successful. Value based education must be their motto • Staff members are encouraged to write text

books, publish articles in reputed Journals and present papers in Seminars and Conferences. Staff members are encouraged to take up Research projects. Staff members should also attend Faculty Development Programmes, Quality Improvement Programmes etc to update their knowledge. • Staff members are encouraged to undergo Practical Training in Industry and can take consultancy Work as part of Industry – Institute interaction. • Non-Teaching staff should report for duty at least 30 minutes in advance • All students shall be responsible to the Principal, Vice-Principals, faculty members and other designated persons for their conduct. • No student shall use unbecoming language or indulge in insubordination and / or violent behavior. • No student shall resort to any kind of demonstration on campus. • No student shall possess, use or circulate pornographic material in any form. • No student shall cause damage of any kind whatsoever to college property. • No students shall resort to ragging at the college campus. • No students shall smoke or partake of alcoholic drugs at the college campus. • Students shall be punctual in their timings and attendance. • All students shall strictly adhere to the dress code.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants

Traditional program on occasion of Ch. Shivaji Maharaj Jayanti	19/02/2020	19/02/2020	30

<div align="center">

[View File](#)

</div>

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

Green Practices: The institutional initiatives for greening the campus are as follows: ? Students staff using: a. Bicycle b. Public transport c. Pedestrian friendly roads d. Plastic free campus e. Green landscaping with trees and plants Plantations: Ashokrao Mane Group of Institution Vathar is one of the best Engineering Institutes in Kolhapur region and has always taken a green agenda. Despite being primarily a technological institution, it has shown remarkable awareness in maintaining an eco-friendly campus. On visiting the Campus, one can experience the aesthetic and elegant buildings, splendid lawns, spacious sports grounds and lush green environment conducive for the teaching-learning process. Many trees have been planted in the campus. The Institute maintains a beautiful garden of decorative plants and a vast lawn for the cricket ground. New plantations of trees are done regularly through NSS and various departments. Every year the Department of Civil Engineering organizes a Tree Plantation Program as a Social Activity and to create awareness among the students. The Department of Civil Engineering in association with Civil Engineering Students Association (CESA) organizes Tree Plantation programme at Institute campus every year.

RESTRICTED ENTRY OF AUTOMOBILES: The Institute operates a fleet of 13 buses covering each corner of the hatkanangale tehsil and nearby tehsils to facilitate the students and staff. The institute encourages the staff and students to use the Institute transport services instead of their own vehicles for safety, security, fuel conservation and to reduce environmental pollution. The vehicles owned by faculty or students with pollution check stickers are permitted into the campus. For two wheelers or four wheelers, security measures are mandatory.

PEDESTRIAN FRIENDLY PATHWAYS Vehicle parking space is provided at the main entrance of the Institute campus. As the campus is vehicle free with some exceptions, students and staff experience comfort walking through the pedestrian friendly pathways. The internal roads are lined with trees and they are properly maintained at the Institute level.

LANDSCAPING WITH TREES AND PLANTS Landscaping of the Institute is worth seeing and reflects aesthetic sense. TheInstitute has a canopy of trees and plants to make the environment pollution free to safeguard the health of all the inmates. The lawns and the trees provide shade and beautiful ambience. Utmost care is taken to develop and maintain green landscaping by trained gardeners and supervisors. The construction, maintenance and beautification committee constituted in the Institute looks after the development and maintenance of the greenery in the campus. The Institute authorities are taking initiatives to make the campus paperless. Internal communication in the campus is carried out through email or social media which is driving towards a paperless office. Electronic gadgets are preferred to transfer and store the official data and information. Library and examination sections are equipped with efficient software.

BAN ON USE OF PLASTIC "SAY NO TO PLASTIC" for Plastic free campus Single-use plastic items such as plastic bottles, bags, spoons, straws and cups are banned completely and awareness is created among staff and students through orientation and display boards in the premises. To restrict the use of plastic, measures have been taken to replace plastic tea cups and glasses with steel

glasses in the canteen. The staff and students are informed to use steel or copper water bottles instead of plastic bottles.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Title of the Practice Best Practice-1: Blood Donation Camp 2. Objectives of the Practice 1. To motivate people to donate blood and social works 2. To create social responsibility in students 3. The Context India is a developing country with big population and limited facilities. The medical facilities are insufficient in catering to a big population. The blood availability in case of road accidents, major operations, illness is now becoming a critical issue in recent days. Due to limited facilities, blood storage, its prevention and separation of vital components in blood is also becoming a challenging task in front of blood banks. The frequent arrangement of blood donation camps is essential so as to make blood available in emergency cases. With this motive, the department has taken initiative to arrange blood donation camp every year. 4. The Practice AMGOI and Department of Civil Engineering organizes regular blood donation camp from last 10 year the college has collected 200 bags per year in association with Sanjeevan Blood Bank and others. The Institution aims at ensuring easy accessibility and adequate supply of safe and quality blood and blood components collected from voluntary blood donors to those in need. The blood is stored and transported under optimum conditions with the help of Sanjeevan Blood Bank. Transfusion is always under the supervision of trained personnel. Under the policy, blood transfusion is available to people irrespective of their economic or social status. Total Quality Management approach has ensured smooth conduct of Blood Donation Camps and follow- up work. 5. Evidence of Success The department has started this initiative with a minimum targeted count for blood donors is 100. But the response received through donors was more than expected every year. The donors were given certificates after blood donation. The donors can get one free blood bottle for lifetime. The Sanjivan Blood bank has given a 30 free quota to institute against donated bottles. The Institute is using this quota to the needy peoples every year as a social responsibility. The students, parents, faculty members, native peoples, relatives are getting benefited by this social practice. Blood bank is open for 24 x 7 to needy people. Year Expected Count Actual Count Beneficiary through Camp 2019-20 100 123 6 6. Problems Encountered and Resources Required Problems Encountered: 1. Weight of most of boys and girl candidates did not fit with blood donation requirement 2. Hemoglobin level of most of girl candidates did not match with blood donation requirements 3. History of medical problems or any symptoms of donors can not be identified at the time of blood donation. Resources Required: 1. Separate hall fulfilling min 10 beds arrangement 2. Team of six people with medical officer, nursing staffs and helping staff 3. Provision of Ambulance 4. Water bottles, Glucose, fan 5. Food facility for donors 6. Blood bags and folding chairs 7. Volunteers 7. Notes (Optional) This activity can be arranged at a bigger level. For this purpose university can arrange this activity at specific intervals in a year. Clusters of different institutes can be made for group blood donation. With this practice, number of blood banks can be connected with a large number of donors from institutions at frequent intervals of a year. 2. Title of the Practice Online Poster Competition Tu Chal Pudhe - Online Poster Competition 2020 (You Go Ahead) Mazi Jababdari - Online Poster Competition 2021 (My Responsibility) 2. Duration (year of inception) 2020 3. Objectives of the Practice 1. To provide a platform to people in society during the lockdown period of Covid 19 pandemic. 2. To make social awareness of pandemic situation in society 4. The Context The world was unaware of the outbreak of Covid 19 virus in the start of the year 2020. Eventually the entire world had to face lockdown as the only remedy to control the spread of this virus. India had also

taken the decision to lockdown the entire country. Suddenly everything stopped and people had no option to do anything rather than staying at home for safety. Now lockdown was becoming painful to everyone as no outside access was available. It was leading towards mental stress and discouraged everyone. Institute decided to bring a platform that will help people to come out of this situation. And that idea resulted in the launching of an online poster competition to all age groups in society. 5. The Practice The Practice was simply divided into following phases 1. Online Poster was launched through social media platforms such as Facebook. 2. Poster was included with themes, rules, age groups, prizes, assessment criteria and awareness campaign 3. Posters from participants were received through WhatsApp and email 4. Judgement of all entries were done by experts team 5. Results were announced on social media platforms. 6. Cash Prizes were distributed through online mode 7. All Posters were made available on college website and Facebook page for social awareness in society 6. Evidence of Success The Practice was implemented under a social awareness campaign during both lockdowns in 2020 and 2021. This campaign has reached more than 1 lac people in entire Maharashtra and nearby states. More than 500 entries were received in both campaigns from 27 districts in Maharashtra alongwith the entries from districts of other states as well. The massive response was received to the campaign and people appreciated this practice as this platform helped them to come out from a difficult period. All ages of people could fulfill their desire to draw and could become a part of a big social movement during the pandemic. 7. Problems Encountered and Resources Required It was the first attempt by any institute during the pandemic so a huge response was received which led to difficulty in handling big entries. No access was available to the team so online resources were required to use during the whole process. WhatsApp, Emails, Google Drive, Photo Editing Apps were used in this practice

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
http://www.amgoi.org/about/Best-Practices

7.3 – Institutional Distinctiveness

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

Shri Balasaheb Mane Shikshan Prasarak Mandal's Ashokrao Mane Group of Institutions (AMGOI) is started in 2009 to promote Technical Education and Management studies for rural communities. The Integrated Campus is situated beside the Pune-Bangaluru national highway, near Kolhapur, at Vathar Tarf Vadgaon, which is well connected by all modes of transport. The Institute defines and continues to update methods of engineering. It provides its students with modern educational facilities while retaining traditional values, as well as using its strong industrial contacts to mold young, talented individuals who can compete in the global arena. Within an intensely competitive environment, the college has adopted a dynamic, global, high-quality creative and communicative approach in education, as well as research and development. The Institute faced a major problem of communication skill of rural students on the way to achieve the set vision. There was lack of awareness about etiquettes manners amongst students. The communication skill is essential for presenting concepts and designs, critical to the engineering design process and employability. The Engineers with the ability to clearly communicate can confidently present their ideas to decision-makers in presentations, meetings, and reports. But the students admitted in Engineering Management were unable to exhibit these skills. After identifying thrust area the Institute has decided to improve communication skill of students. Although the university curriculum includes soft skills, employability skill development

basic human right courses, the Institute has arranged various communication skill trainings workshops, training sessions on behavioral science, training sessions on confidence boosting conducted mock interviews to enhance their skills. The Institute has also organized hard skill core trainings to enhance their employability. As a result of this, the students have published their research papers through journals, presented their research papers in conferences, and participated in project competitions. This is happened due to communication skill trainings organized for them. The more number of students from rural area are now placed in multinational companies, have become entrepreneurs, established their own consultancy studying abroad. This is the outcome of the efforts taken by the Institute to empower rural community. Institute's mission to educate individuals, to empower them for competitive examination not only in India, but all over the world is becoming true. The students of Civil Engineering are selected in government organization through competitive examinations. The Institute is growing day by day, year by year to achieve the goal of ranking among leading Institutes. Consequently, keeping abreast with modern developments, the Institute is constantly restructuring itself and renovating its physical infrastructure as well as its research and education facilities.

Provide the weblink of the institution
http://www.amgoi.org/Academics/NBA-Accreditation

8.Future Plans of Actions for Next Academic Year

1. To get NIRF ranking in top 200 Institutes As per previous plan three programmes in Institute are NBA accredited. The management has appealed to faculties for increasing ranking of Institute in NIRF framework. To appear in first 200 Institutes in India, some plans to be implemented in coming year. The plan to reach the goal is as follows: i. To receive Research funds from UGC, MHRD, Industry, Consultancy Research is an important part in engineering education. If the faculties are innovative then definitely they will impart a quality education to the students. The faculties get ample of practical knowledge through such activities. The institute is planning for submitting proposals at UGC, MHRD Industry. The consultancy is an important part in exhibiting the knowledge. The Institute is planning to do consultancy work for needy industries. The revenue generated will be useful for updating incubation center. ii. To increase number of start ups in Institute The Institute have incubation center. Department of Civil Engineering is using it for creating entrepreneurs through it. In next academic year remaining departments will utilize the facilities of incubation center and will create entrepreneurs in their fields. iii. To increase number of publications and books The faculty publishes their research work through journals. They exhibit their technical knowledge, experience through it. In next academic year the research papers will be published through renowned journals such as Scopus, Web of Science, National/International journals of repute. The Institute is expecting an outstanding work from faculties in their areas so that they will be honored at State, National, International level. iv. To increase participation of students in paper presentation, project competition The outcome of teaching learning process is assessed through students. The management is expecting participation and honor of students through mentioned events at state, national international level. 2. To enhance Industry Institute Interaction and increase number of placements Industry Institute interaction is very much important in this competitive world. The institute is planning to sign MOUs with Institutions of National/International repute, Core Industries, Software and Hardware Industries. In this regard more number of expert lectures, technical workshops Industrial visit are planned to strengthen technical skills of students. Placement is an important criterion to judge the outcome of teaching learning process. The institute will be recognized, if the students are exhibiting holistic development through their work while working. By keeping this

in mind hard skill soft skill trainings are planned in next year. The Institute is expecting 100 percent placement of students in Multinational companies. 3. To increase number of E-content through SWAYAM, MOOCs YouTube In next year the faculties have planned to develop more number of video lectures through Swayam, Moocs YouTube platform. The students will get benefit of it when they are off campus. 4. To strengthen Outcome Based Education We are practicing various teaching learning methods to impart knowledge to students for holistic development of them. The institute has planned more number of faculty development programs to strengthen OBE.