



## Yearly Status Report - 2018-2019

### Part A

#### Data of the Institution

1. Name of the Institution	DR. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY
Name of the head of the Institution	Prof. (Dr.) Pramod Yeole
Designation	Vice Chancellor
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	0240-2403112
Mobile no.	9422140127
Registered Email	director.iqac@bamu.ac.in
Alternate Email	vc@bamu.ac.in
Address	Main Administrative Building, Jaisingpura, University Campus, Near Soneri Mahal
City/Town	Aurangabad
State/UT	Maharashtra

Pincode	431004																														
<b>2. Institutional Status</b>																															
University	State																														
Type of Institution	Co-education																														
Location	Rural																														
Financial Status	state																														
Name of the IQAC co-ordinator/Director	Prof. Rajesh Ragde																														
Phone no/Alternate Phone no.	02402403205																														
Mobile no.	9422201955																														
Registered Email	director.iqac@bamu.ac.in																														
Alternate Email	iqaccell@bamu.ac.in																														
<b>3. Website Address</b>																															
Web-link of the AQAR: (Previous Academic Year)	<a href="http://bamu.ac.in/iqac/AQAR.aspx">http://bamu.ac.in/iqac/AQAR.aspx</a>																														
<b>4. Whether Academic Calendar prepared during the year</b>	Yes																														
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="http://www.bamu.ac.in/Portals/0/bamu_circulars/Academic-Circulars/revacadcalender_201819.pdf">http://www.bamu.ac.in/Portals/0/bamu_circulars/Academic-Circulars/revacadcalender_201819.pdf</a>																														
<b>5. Accrediation Details</b>																															
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>B+</td> <td>75.05</td> <td>2002</td> <td>01-Oct-2002</td> <td>30-Sep-2007</td> </tr> <tr> <td>2</td> <td>A</td> <td>3.07</td> <td>2013</td> <td>25-Oct-2013</td> <td>24-Oct-2018</td> </tr> <tr> <td>3</td> <td>A</td> <td>3.22</td> <td>2019</td> <td>28-Mar-2019</td> <td>24-Mar-2024</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	B+	75.05	2002	01-Oct-2002	30-Sep-2007	2	A	3.07	2013	25-Oct-2013	24-Oct-2018	3	A	3.22	2019	28-Mar-2019	24-Mar-2024
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2	A	3.07	2013	25-Oct-2013	24-Oct-2018																										
3	A	3.22	2019	28-Mar-2019	24-Mar-2024																										
<b>6. Date of Establishment of IQAC</b>	24-Mar-2003																														
<b>7. Internal Quality Assurance System</b>																															

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Establishment of Bajaj Incubation Centre	14-Aug-2018 01	500
Participation in ARIIA Rankings	02-Jul-2018 01	10
Submission of IIQA to NAAC, Bangalore	27-Aug-2018 01	52
Submission of SSR to NAAC, Bangalore	27-Oct-2018 01	52
Interactive Session on Revised Accreditation Framework	28-Sep-2018 01	95
Awareness Programme on NIRF	20-Oct-2018 01	80
Students Orientation Programme for Student Satisfaction Survey by NAAC	02-Nov-2018 02	271
Presentation Sessions for the Departmental Academic Review	29-Nov-2018 02	52
Participation and Submission of Data for NIRF	30-Nov-2018 01	20
Interactive Session on Outcome Based Education : Question & Answers	10-Dec-2018 01	50
<a href="#">View File</a>		

**8. Provide the list of Special Status conferred 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
Department Economics, Department of Sociology and Department of Political Science	Centre with Potential for Excellence in Particular Area (CPEPA)	University Grants Commission	2017 1825	25000000
Science Technology and Innovation hub for the Empowerment of SC/ST Population for	Science for Equity Empowerment and Development (SEED)	DST, Govt. of India	2019 1095	26186000

Deen Dayal Upadhyay Kaushal Kendra, Dept of CS & IT, Dept of Botany				
Department of Chemical Technology	Drugs and Pharmaceuticals Research Programme (DPRP)	DST, Govt. of India	2019 1095	36678000
<a href="#">View File</a>				

<b>9. Whether composition of IQAC as per latest NAAC guidelines:</b>	Yes
Upload latest notification of formation of IQAC	<a href="#">View File</a>
<b>10. Number of IQAC meetings held during the year :</b>	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	<a href="#">View File</a>
<b>11. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	No
<b>12. Significant contributions made by IQAC during the current year(maximum five bullets)</b>	
<ul style="list-style-type: none"> <li>Academic and Administrative Audit (AAA) of the University Campus, SubCampus was conducted in the month of July 2018 and Action Plan was targeted having purview of the upcoming Assessment Accreditation process.</li> </ul>	
<ul style="list-style-type: none"> <li>External Quality Audit (EQA) was carried out well before the NAAC Peer Team Visit for identifying the grey areas in the Assessment Accreditation process and setting up a path to resolve the same.</li> </ul>	
<ul style="list-style-type: none"> <li>Participated in the National Institutional Ranking Framework (NIRF) and achieved an incremental rank position (from Rank Band 100150 to 85th) amongst list of the overall top universities in the country.</li> </ul>	
<ul style="list-style-type: none"> <li>Internal Quality Assurance Cell (IQAC) of the University has carried out Institutional Assessment Accreditation (AA) process by National Assessment and Accreditation Council (NAAC) for the Third Cycle. University has retained its 'A' Grade with incremental CGPA from 3.07 to 3.22.</li> </ul>	

- Environmental Audit of the University was conducted in the Month of March 2019 for highlighting the environmental sectors of the university, areas for improvement and suggestive measures for addressing the lacunae.

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### 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	Achievements/Outcomes
<ul style="list-style-type: none"> <li>• Institutional Values and Best Practices : Conducting Gender Sensitization Activities, Completion of Green Audit, Water Conservation and Waste Management Initiatives</li> </ul>	<ul style="list-style-type: none"> <li>• Tarabai Shinde Womens Study Center of the University has conducted Eighteen gender sensitization programmes, University has commenced its Green Audit from external verifiers University has developed 12 water resources under Jalyukta Vidyapeeth Scheme and various pits were designed for the waste decomposition</li> </ul>
<ul style="list-style-type: none"> <li>• Governance, Leadership and Management : E-governance implementation; Faculty Empowerment, Initiatives under Internal Quality Assurance System</li> </ul>	<ul style="list-style-type: none"> <li>• Egovernance was uplifted in the University administration under Academic, Establishment and Accounts section UGCHRD has conducted Ten faculty empowerment initiatives during 201819 IQAC has created a quality ecosystem for the overall institutional development IQAC has submitted the five year Self Study Report to NAAC, Bangalore for Assessment and Accreditation for the Third Cycle</li> </ul>
<ul style="list-style-type: none"> <li>• Student Support and Progression : Providing scholarships to students, Organization of student-centric activities, Enhancing placement opportunities</li> </ul>	<ul style="list-style-type: none"> <li>• University has provided various scholarships to its students under GOI schemes and various scholarships from nongovernment sources University has organized several studentcentric activities through organization of Youth Festival, Avishkar Competition, DramaDanceMusic Festivals Four Sixty students are placed in different industries and Three Hundred Five students have opted for the higher studies</li> </ul>
<ul style="list-style-type: none"> <li>• Infrastructure and Learning Resources :- Infrastructural development and maintenance related activities, Strengthening the Knowledge Resource Centre (KRC) and IT resources</li> </ul>	<ul style="list-style-type: none"> <li>• University has completed more than 10 km pedestrian friendly street works moreover established International Students Hostel; Every departmental infrastructure was well maintained during the academic year; KRC was strengthened by effective creation of e-resources and purchase of books, University Network and Information Centre was facilitated with the up-to-date IT resources.</li> </ul>

<p>• Research, Innovation &amp; Extension :- Promoting research &amp; innovation activities, Mobilization of funds for research, Familiarization and Effective implementation of Research/ Consultancy Policies, IPR Awareness and organization of Workshops; Increasing collaborations and linkages Extension Activities in the neighbourhood community</p>	<p>• University has provided seed money of Rs. Twenty Seven Lakhs to its faculty members in the form of minor research projects. University faculty members were encouraged for filing the patents by IPR workshops Good number of revenue was generated through consultancy 45 MoUs were functional during the year and more linkages were created for internships, studentfaculty exchange Various extension activities were conducted in the neighbourhood community, StateLevel Avhan Camp (a disaster management initiative) was noteworthy during the year.</p>				
<p>• Teaching, Learning and Evaluation:- Learning levels assessment, Enriching the ICT facilities, Effective Implementation of Mentor-Mentee Scheme, IT integration and reforms in Examination and Evaluation, Attainment of POs, PSOs, COs etc. Improving the passing percentage</p>	<p>• University Departments have started assessing learning levels of the students more effectively through Class tests, Bridge Courses. University Departments are implementing the mentor-mentee scheme. ICT facilities are strengthened in all the University Departments. Majority of the University departments has evaluated the attainments for their POs, PSOs and Cos.</p>				
<p>• Curricular Aspects :- Strengthening of Outcome based curriculum, enrichment in curriculum, collection/analysis/actions on the feedbacks from all the stakeholders</p>	<p>• Majority of the university departments has implemented the outcome based education system in their curriculums, most of the departments have assigned the field projects, in-plant trainings to the students. 21 value added courses were conducted during 2018-19. And most of the departments have collected the feedbacks from all the stakeholders, prepared analysis over the same and actions on the same have been initiated.</p>				
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<p>14. Whether AQAR was placed before statutory body ?</p>	<p>Yes</p>				
<table border="1"> <tr> <td>Name of Statutory Body</td><td>Meeting Date</td></tr> <tr> <td>Management Council</td><td>07-Oct-2020</td></tr> </table>	Name of Statutory Body	Meeting Date	Management Council	07-Oct-2020	
Name of Statutory Body	Meeting Date				
Management Council	07-Oct-2020				
<p>15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?</p>	<p>Yes</p>				
<p>Date of Visit</p>	<p>25-Mar-2019</p>				

<b>16. Whether institutional data submitted to AISHE:</b>	<b>Yes</b>
Year of Submission	<b>2018</b>
Date of Submission	<b>04-Mar-2018</b>
<b>17. Does the Institution have Management Information System ?</b>	<b>Yes</b>
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p><b>Management Information System (MIS)</b> generally used for the collection, organization and analysis of the Institutional information for quality assurance. Initially keeping the NAAC Criteria at a forefront, Dr. Babasaheb Ambedkar Marathwada University has developed a systemized utility for the collection of overall departmental information with their copies of the supporting documents (wherever required). University has 56 academic departments (04 recently added) and 26 administrative sections, where every user has provided with individual login framework. At the end of every academic year, each user is participating in the data collection process. Data organization having phases of data collections, data enrichments, data consolidations are presently being managed with the same. However, analysis of the data is temporarily being made manually, very soon the technical team will make it happen online.</p>

## Part B

### CRITERION I – CURRICULAR ASPECTS

#### 1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
<b>BTech</b>	<b>BTECHCCTECH01</b>	<b>Chemical</b>	<b>06/01/2018</b>
<b>Mtech</b>	<b>MTECHCHCTECH01</b>	<b>Chemical, Drugs &amp; Pharmaceuticals</b>	<b>06/01/2018</b>
<b>MPhil</b>	<b>MPHILCOM01</b>	<b>Commerce</b>	<b>25/06/2018</b>
<b>MSc</b>	<b>MSCCSCS01</b>	<b>Computer Science</b>	<b>07/05/2018</b>
<b>MEd</b>	<b>MEDOEDU01</b>	<b>Education (Sub-Campus)</b>	<b>21/08/2018</b>

MBA	MBAMGMT01	Business Administration	06/01/2018
MCA	MCAMGMT01	Computer Applications	06/01/2018
BVoc	BVOCATDDUK01	Automobile	30/01/2019
BVoc	BVOCIADDDUK01	Industrial Automation	30/01/2019
MVoc	MVOCDDUK03	Automobile Technology	30/01/2019
<a href="#">View File</a>			

1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BTech	Chemical	06/01/2018	In-Plant Training	06/01/2018
BTech	Chemical	06/01/2018	Engineering Graphics	06/01/2018
BVoc	Industrial Automation	15/06/2018	Industrial Safety Practices	15/06/2018
BVoc	Industrial Automation	15/06/2018	Electrical & Mechanical Systems	15/06/2018
BVoc	Industrial Automation	15/06/2018	Industrial Instrumentation	15/06/2018
BVoc	Automobile	15/06/2018	Automotive Safety and Service	15/06/2018
BVoc	Automobile	15/06/2018	Workshop Technology	15/06/2018
MSc	Computer Science	01/06/2019	Android Programming	01/06/2019
MBA	Business Administration	15/06/2018	Entrepreneurs hip Development	15/06/2018
MCA	Computer Applications	15/06/2018	Software Testing	15/06/2018
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## 1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
MA	Life Long Learning Education & Extension	01/06/2018
MA	Thoughts of Mahatma Phule & Dr. Ambedkar	01/06/2018
MRS	Rural Technology	01/06/2018



MRS	Conservation of Biodiversity	01/06/2018
MRS	Rural, Economic and Banking Industry	01/06/2018
MRS	Socio-cultureal and Political aspects	01/06/2018
<a href="#">View File</a>		

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
MRS	Socio-cultureal and Political aspects	01/06/2018
MRS	Rural, Economic and Banking Industry	01/06/2018
MRS	Conservation of Biodiversity	01/06/2018
MRS	Rural Technology	01/06/2018
MA	Thoughts of Mahatma Phule & Dr. Ambedkar	01/06/2018
MA	Life Long Learning Education & Extension	01/06/2018

### 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
Value Added Course on Personality Development	06/01/2018	23
NSE Certified Capital Market Professional	07/02/2018	10
Value Added Course on Stress Management	08/01/2018	50
Value Added Course on Psychology of Self Development	01/01/2019	20
Value Added Course on Life Skills and Stress Management	01/01/2019	25
Value Added Course on SIM Winners	10/01/2018	36
Mathematics for Biologists	02/09/2019	36
Value Added Course on Design and Fabrication of Solar Powered Electric Vehicle	03/05/2019	30
Value Added Course on AB-PLC and SCADA	01/07/2019	27

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### 1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	Chemical	15
BVoc	Automobile	29
MSc	Chemistry	75
MSc	Environmental Science	19
MSc	Computer Science	15
MSc	Physics	50
MBA	Tourism Administration	15
MEd	Education	18
MBA	Business Administration	24
MCA	Computer Application	22

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## 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

Internal Quality Assurance Cell (IQAC) has developed an online mechanism for the collection of feedbacks from all the stakeholders (Students, Teachers, Parents, Employers and Alumni) with the help of University Programmers. (Link of the Feedback Portal : [https://online.bamu.ac.in/naac\\_ssr/feedback\\_index.php](https://online.bamu.ac.in/naac_ssr/feedback_index.php)) At the end of every last semester of the PG Programme, all the departments were encouraged by the IQAC for carrying out the activity of collecting feedbacks from all the stakeholders. Based on the same, the analysis of feedbacks was prepared at the respective department level. At the beginning of every academic year, University departments have prepared their Action Plan for the year. Analysis of the feedback (recently collected) was discussed in the Department Committee Meeting and suggestions by the all stakeholders were observed, actions on the same were initiated thereby. Feedback Collection, Analysis were regularly used for the preparation of Departmental Yearly Action Plan. Moreover, Internal Quality Assurance Cell (IQAC) of the University has carried out the process of Data Capturing for various purposes, collecting these analysis from various departments and recommendations for the Action Plan for the upcoming Academic Year for carrying out various quality initiatives.

## 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
MA	English	70	283	69
MA	Marathi	70	152	28
MA	Hindi	70	101	31
MA	History	70	307	72
MA	Economics	70	336	74
MSc	Chemistry	70	4092	67
MSc	Computer Science	32	1438	38
MSc	Information Technology	32	156	35
MSc	Zoology	70	713	71
MCom	Commerce	70	2837	60
<a href="#">View File</a>				

## 2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	286	1652	186	186	186

## 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	Number of smart classrooms	E-resources and techniques used
186	181	156	156	22	22

[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)

BAMU has offered a highly-efficient mentoring system through which a group of students depending on the student strengths (10 students) were assigned to a faculty member at the commencement of the academic year 2018-19. Most of the departments from the University has offered such type of system for the students. Mentors regularly met the students and guided them with their studies and extra-curricular activities. They also provided advice relating to selection of major, career guidance and personal problems. The mentors acted as a guides to the students during their winter and summer projects. The mentoring system of BAMU ensures the students to adapt the dynamic learning approach and lead their ways into highly successful careers. Following are the functions noticed by the IQAC under the departmental mentoring system in the University:-

- Mentors were assigned by the departments to monitor and guide students all throughout the academic year 2018-19
- Mentors coordinated with the parents regarding the progress of the students
- Mentors also kept track of the mentees' performance during their field projects/internships by continuous interaction with the guide designated to the student
- Mentors communicated with fellow faculty and promoted mentees at the time of difficulty / opportunity

to help them for developing further in their areas of interest

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1938	186	1:10

## 2.4 – Teacher Profile and Quality

### 2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
259	186	73	0	168

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	Prof. V. K. Hivarale	Professor	Merging voices fellowship
2018	Prof. A. S. Dhabe	Professor	Fellow of International Plant Taxonomy
2018	Dr. N. B. Pandhure	Associate Professor	samajratna puraskar
2018	Dr. A. P. Sarkate	Assistant Professor	Bentham Ambassador award
2018	Dr. B. K. Sakhale	Associate Professor	Award in 8th International Food Convention
2018	Prof. S. T. Gaikwad	Professor	Guru Gaurav Award International Rotary Club Aurangabad
2018	Prof. J. R. Suryawanshi	Professor	Best Teacher Award of Gaints Group of Aurangabad
2018	Prof. V. R. Humbe	Professor	Women Leadership Award - World Marketing Congress 2019
2018	Dr. R. R. Manza	Associate Professor	Nomination as IEEE Senior Member
2018	Dr. K. S. Vyavahare	Associate Professor	Digital Faminism A study in Sanskrit ICSSR New Delhi.

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## 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	Date of declaration of
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			semester-end/ year-end examination	results of semester-end/ year- end examination
BA	BAMUSMUS02	V	22/05/2019	18/07/2019
MSc	MSCPHYPHY01	IV	06/05/2019	24/05/2019
MSc	MSCENVENV01	IV	06/05/2019	16/05/2019
MSc	MSCSCS01	IV	25/05/2019	07/06/2019
MA	MAECOECO01	IV	01/05/2019	04/07/2019
MA	MAENGENG01	IV	09/05/2019	27/06/2019
MA	MAHINHIN01	IV	26/04/2019	06/05/2019
Mtech	MTECHSCS01	IV	31/05/2019	12/06/2019
MCA	MCAOMGMT01	V	14/12/2019	20/12/2019
BTech	BTECHCCTECH01	VIII	07/06/2019	13/07/2019
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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
0	1503	0

## 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.bamu.ac.in/dept\\_computer\\_science/CoursesPrograms/ProgramOutcome.aspx](http://www.bamu.ac.in/dept_computer_science/CoursesPrograms/ProgramOutcome.aspx)

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
MSCBOTBOT01	MSc	Botany	37	34	91.89
MTA01	MTTM	Tourism Administration	20	18	90
LLMLAW01	LLM	Law	49	49	100
MAPALPAL01	MA	Pali & Buddhism	18	18	100
MAMCJJOUR01	MA	Mass Communication & Journalism	23	22	95.65
MAECOECO01	MA	Economics	25	24	96
MCAOMGMT01	MCA	Computer Applications	34	32	94.12
MCOMCOM01	MCom	Commerce	60	52	86.67
BVOCIADDUK01	BVoc	Industrial Automation	39	38	97.44

BADRAMA01	BA	Dramatics	22	21	95.45
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## 2.7 – Student Satisfaction Survey

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

[https://online.bamu.ac.in/naac\\_ssr/feedback\\_index.php](https://online.bamu.ac.in/naac_ssr/feedback_index.php)

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Promotion of Research and Facilities

3.1.1 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
International	Prof. Vandana Hivarale	Merging Voices Fellowship	18/04/2018	European Union
International	Prof. Arvind Dhabe	Nomination as a Committee Member under ERASMUS Plus programme	17/05/2018	European Union
International	Dr. Bina Sengar	Fulbright Scholarship Programme	02/05/2019	Board of Washington DC
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3.1.2 – Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of the fellowship	Funding Agency
Junior Research Fellowship	1095	University Grants Commission
University Research Fellowship	365	Government of Maharashtra
Senior Research Fellowship	365	CSIR
Rajiv Gandhi National Fellowship	1460	University Grants Commission
Post Doctoral Fellowship	365	ICSSR
Project Fellowship	365	IUAC
Dr.Babasaheb Ambedkar National Research Fellowship (BANRF))	1095	Government of Maharashtra
Senior Research Fellowship	1095	ICMR
Junior Research Fellowship	1095	SERC
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### 3.2 – Resource Mobilization for Research

### 3.2.1 – 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
Any Other (Specify)	0	GIAN, IIT Kharagpur	13	13
International Projects	0	European Union	16.9	16.9
Industry sponsored Projects	0	Bajaj Incubation Centre	73	73
Projects sponsored by the University	365	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	7.8	7.8
Major Projects	1095	University Grants Commission	21.69	15.74
Major Projects	1095	SERC	45.25	0
Major Projects	1095	IUAC	9.09	4.07
Major Projects	1095	DAE, Govt. of India	22.52	2.58
Major Projects	1095	DST, Govt. of India	836.09	178.53
Minor Projects	365	Government of Maharashtra	3.72	3.72
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### 3.3 – Innovation Ecosystem

#### 3.3.1 – 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
Changing Dimensions of Regional Imbalance in India	DEPARTMENT OF ECONOMICS	15/03/2019
IPR, Incubation center and Industry academia practices	DEPARTMENT OF MANAGEMENT SCIENCE OSMANABAD	20/04/2019
Refugees, Migration and Citizenship : Issues and Challenges	DEPARTMENT OF SOCIOLOGY	06/03/2019
Intellectual Property Right	DEPARTMENT OF ELECTRONICS	05/10/2019
Socio-Political Transitions after Decolonization in the African-Asian Societies	LIBERAL ARTS	02/07/2018
<a href="#">View File</a>		

### 3.3.2 – 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
Tube in Tube Type Counter Flow Helical Heat Exchanger Utilizing Waste Heat for Car Air Conditioning	Mr. Amogh Anil Sambare	Avishkar Cell Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (MS) Contact - Professor Bharti W. Gawali (Coordinator, IQAC Cell) - 9011652174	05/01/2019	Teacher
Celebration of 60 Foundation of Dr.BAMU and award of Cash Prize to winners	SALVE CHHAYA SHIRMANT	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	23/08/2018	Student
Clean Environment Promotion Award 2018	Dr Satish Sudhakar Rao Patil	International Benevolent Research Foundation, Kolkata	15/07/2018	Teacher
Scientist of the Year 2017 award	Dr Satish Sudhakar Rao Patil	International foundation for Environment and Ecology, Kolkata	02/12/2018	Teacher
Scientist of the Year 2018 award	Dr Satish Sudhakar Rao Patil	International foundation for Environment and Ecology, Kolkata	19/02/2019	Teacher
Impact of Dimensionality Reduction techniques on Endmember Extraction from Hyperspectral Imagery	Mahesh M Solankar, Hanumant R Gite, Rupali R Surase, Dhananjay B Nalawade, Karbhari V Kale	International Conference on Recent Trends in Image Processing and Pattern Recognition	15/12/2018	Research Scholar
A Framework for crop type recognition based on spectral reflectance through spectral analysis techniques	Rupali R Surase	ESRI India	15/09/2018	Research Scholar



Presentation award in International Seminar Recent Advances on Chemical Sciences and Allied Areas(RA CS2A-2018)	Mr. Premkumar B. Thombre	Indian Chemical Society, Kolkatta	30/12/2018	Research Scholar
International Seminar Recent Advances on Chemical Sciences and Allied Areas(RA CS2A-2018)	Miss Sonali A. Korde	Indian Chemical Society, Kolkatta	30/12/2018	Research Scholar
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### 3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
Incubation Center	Bajaj Incubation Center	Bajaj Auto Pvt. Ltd.	Nil	Nil	14/08/2018
Bajaj Incubation Center	Bajaj Incubation Center	Nil	3D Innovation	Individual	30/05/2019
<a href="#">View File</a>					

## 3.4 – Research Publications and Awards

### 3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Department of Environmental Science	4
Department of Hindi	1
Department of Law	1
Department of Management Science	2
Department of Marathi	1
Department of Mathematics	2
Department of Physical Education	1
Department of Political Science	7
Department of Sociology	1
Department of Statistics	3
Department of Tourism Administration	5
Department of Urdu	3
Department of Zoology	8
Department of Social Work	3
Department of Botany	8

Department of Chemical Technology	3
Department of Chemistry	6
Department of Computer Science IT	8
Department of Economics	9
Department of Education	6
Department of Education (Sub_Campus)	2

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Department of Botany	12	0
International	Department of Chemical Technology	16	0
International	Department of Chemistry	58	0
International	Department of Computer Science IT	35	0
National	Department of Economics	4	0
International	Department of Environmental Science	10	0
International	Department of Physics	84	0
International	Department of Zoology	18	0
International	Department of Statistics	5	0
International	Department of Mathematics	46	0
<a href="#">View File</a>			

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

Department	Number of Publication
Department of Urdu	1
Department of Political Science	8
Department of Law	2
Department of Education	14
Department of Social Work	2
Department of Physical Education	2
Department of Management Science	6
Deen Dayal Upadhyay Kaushal Kendra	7
Department of Computer Science IT	34

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## 3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
UID BASED PREFERENTIAL ELECTRONIC VOTING MACHINE AND SYSTEM THEREOF	Published	201721023260	04/01/2019
AN EMERGENCY VEHICLE TRANSIT AND PUBLIC ALERT SYSTEM THEREOF (EVT-PAS)	Published	201721010262	12/07/2019
Enlargement of Crops Spectral Signature using Multiband Frequencies	Published	201721044623	07/12/2018
Method and System to prompt Agricultural Geospatial Information for Decision Making	Published	201721047446	14/12/2018
Method And System To Assess Urban Realm Change Detection From Plural Sensors Data	Published	201821010661	14/12/2018
Method of Automated Endmember Identification, Selection and Extraction from Hyperspectral Imagery	Published	201921003451	28/01/2019
Method for Exploration of Major Soil Nutrients Based on Spectral Band s and Development of Digital SP	Published	201721047448	14/12/2018
SOPES: Method, Apparatus, System, Protocol and Process of Self Organized Emergency Services	Published	201821037901,	10/06/2018
An Annunciator for Pernicious Presence of Ammonia In	Published	201721000262	01/01/2018

Air.(Published))			
An Annunciator For Sensing Presence Of Ammonia In Air And A Method For The Same	Published	201721000262	06/06/2019
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3.4.5 – 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
EXECUTION OF TPM TQM	PROF M A LOKHANDE	RESEARCH JOURNAL OF SOCIAL SCIENCE MANAGEMENT	2018	5	DEPARTMENT OF COMMERCE	167
Comparative study of gamma ray shielding competence of WO <sub>3</sub> -TeO <sub>2</sub> -PbO glass system to different glasses and concretes	Gaikwad, D. K. Obaid, Shamsan S. Sayyed, M. I. Bhosale, R. R. Awasmol, V. V. Kumar, Ashok Shirsat, M. D. Pawar, P. P.	MATERIALS CHEMISTRY AND PHYSICS	2018	32	DEPARTMENT OF ELECTRONICS	1302
Nanocomposite Platform Based on EDTA Modified Ppy/SWNTs for the Sensing of Pb(II) Ions by Electrochemical Method	Megha A. Deshmukh, Gajanan A. Bodkhe, Sumedh Shirsat, Arunas Ram anavicius and Mahendra D. Shirsat	Frontiers of Chemistry	2018	4	DEEN DAYAL UPADHYAY KAUSHAL KENDRA	5
Systematic analysis on linear and nonlinear optical traits of	R.N.Shaikh, Mohd Anis, M.D. Shirsat, S.S.Hussain	Optik - International Journal for Light and Electron Optics	2018	21	DEEN DAYAL UPADHYAY KAUSHAL KENDRA	4

	citrulline doped NH <sub>4</sub> H <sub>2</sub> PO <sub>4</sub> (ADP) crystal						
	Luminescence, laser induced nonlinear optical and surface microscopic studies of potassium thiourea chloride crystal	23. S.M. Azhar, G. Rabbani, M.D. Shirsat, S.S. Hussaini, M.I. Baig, H.A. Ghramh, Mohd Anis	Optik-International Journal for Light and Electron Optics	2018	12	DEEN DAYAL UPADHYAY KAUSHAL KENDRA	5
	Novel report on SHG efficiency, Z-scan, laser damage threshold, photoluminescence, dielectric and surface microscopic studies of hybrid inorganic ammonium zinc sulphate hydrate single crystal	S.P. Ramteke, M. I. Baig, Mohd Shkir, D. S. Kalainathan, M. D. Shirsat, G. G. Muley, Mohd Anis	Optics and Laser Technology	2018	19	DEEN DAYAL UPADHYAY KAUSHAL KENDRA	10
	Comparative study of gamma ray shielding competence of WO <sub>3</sub> -TeO <sub>2</sub> -PbO glass system to different glasses and concretes	Gaikwad D.K., Obaid S.S., Sayyed M.I., Bhosale R.R., Awasarmol V.V., Kumar A., Mahendra D. Shirsat, Pawar P.P.	Materials Chemistry and Physics	2018	37	DEEN DAYAL UPADHYAY KAUSHAL KENDRA	18
	Tuning	Rushi,	PHYSICA	2018	2	DEPARTMENT	25

Coating Thickness of Iron Tetraphenyl Porphyrin on Single Walled Carbon Nanotubes by Annealing: Effect on Benzene Sensing Performance	Arti Datta, Kunal Ghosh, Prasanta Mulchandani, Ashok Shirsat, Mahendra	STATUS SOLIDI A-APPLICATIONS AND MATERIALS SCIENCE			OF ELECTRONICS	
EDA modified PANI/SWNTs nanocomposite for determination of Ni(II) metal ions	Deshmukh, Megha A. Patil, Harshada K. Bodkhe, Gajanan A. Yasuzawa, Mikito Koinkar, Pankaj Ramanaavicius, Arunas Pandey, Sadhna Shirsat, Mahendra D.	COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS	2018	5	DEPARTMENT OF ELECTRONICS	172
Linear and nonlinear optical analysis on semiorganic L-proline cadmium chloride single crystal	Anis, Mohd Baig, M. I. Hussaini, S. S. Shirsat, M. D. Shkir, Mohd Ghramh, H. A.	CHINESE PHYSICS B	2018	14	DEPARTMENT OF ELECTRONICS	172
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#### 3.4.6 – 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
Dimethylglyoxime modified swift heavy oxygen	Patil, Harshada K. Deshmukh, Megha A. Bodkhe,	MATERIALS RESEARCH EXPRESS	2018	24	172	DEPARTMENT OF ELECTRONICS

ions irradiated polyaniline/single walled carbon nanotubes composite electrode for detection of cobalt ions	Gajanan A. Shirsat, Sumedh M. Asokan, K. Shirsat, Mahendra D.					
Analysis of Heart Rate Variability in Biometric Identification	Dr.K.V.Kale	Proceedings of the 2nd International Conference on Computing Methodologies and Communication, ICCMC 2018	2018	8	0	DEPARTMENT OF COMPUTER SCIENCE AND IT
Analysis and modelling of drinking water utilities by using GIS: in Aurangabad city, Maharashtra, India	G. S. Ragade, R. Dhumal, B. W. Gawali	CSI Transactions on ICT	2018	3	0	DEPARTMENT OF COMPUTER SCIENCE AND IT
EXECUTION OF TPM TQM	PROF M A LOKHANDE	RESEARCH JOURNAL OF SOCIAL SCIENCE MANAGEMENT	2018	5	167	DEPARTMENT OF COMMERCE
Document Level Sentiment Analysis from News Articles	Vishal S. Shirsat, Rajkumar S. Jagdale, Sachin N. Deshmukh	Computing Communication Control and Automation (ICCUBEA)	2018	2	0	DEPARTMENT OF COMPUTER SCIENCE AND IT
Band wise performance evaluation for hyper spectral	Dr.K.V.Kale	Journal of Advanced Research in Dynamical and	2018	8	0	DEPARTMENT OF COMPUTER SCIENCE AND IT

	face recognition		Control Systems				
	Transfiguring structural, optical and dielectric properties of cadmium thiourea acetate crystal by the addition of L-threonine for laser assisted device applications	Kulkarni, Rupali B. Anis, Mohd Hussaini, S. S. Shirsat, Mahendra D.	MATERIALS RESEARCH EXPRESS	2018	24	172	DEPARTMENT OF ELECTRONICS
	Novel report on SHG efficiency, Z-scan, laser damage threshold, photoluminescence, dielectric and surface microscopic studies of hybrid inorganic ammonium zinc sulphate hydrate single crystal	Ramteke, S. P. Baig, M. I. Shkir, Mohd Kalai nathan, S. Shirsat, M. D. Muley, G. G. Anis, Mohd	OPTICS AND LASER TECHNOLOGY	2018	25	172	DEPARTMENT OF ELECTRONICS
	Comparative study of gamma ray shielding competence of WO <sub>3</sub> -TeO <sub>2</sub> -PbO glass system to different glasses and concretes	Gaikwad, D. K. Obaid, Shamsan S. Sayyed, M. I. Bhosale, R. R. Awasarmol, V. V. Kumar, Ashok Shirsat,	MATERIALS CHEMISTRY AND PHYSICS	2018	25	172	DEPARTMENT OF ELECTRONICS



	M. D. Pawar, P. P.					
Sentence Level Sentiment Identification and Calculation from News Articles Using Machine Learning Techniques	Vishal S. Shirsat, Rajkumar S. Jagdale, Sachin N. Deshmukh	Advances in Intelligent Systems and Computing	2018	2	1	DEPARTMENT OF COMPUTER SCIENCE AND IT

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#### 3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Presented papers	23	9	1	0
Attended/Seminars/Workshops	22	16	1	0
Resource persons	0	1	0	0

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### 3.5 – Consultancy

#### 3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	Analysis Services	Departments of Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	51500
Central Facility for Advanced Research Training, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	Instrumentation Facility - Analysis Services	Central Facility for Advanced Research Training, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	30850
University Department of Chemical Technology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	Instrumentation Facility - Analysis Services	University Department of Chemical Technology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	4950
RUSA- Centre for Advanced Sensor	Instrumentation Facility - Analysis	RUSA-Centre for Advanced Sensor	87300

Technology	Services	Technology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	
IMRL Physics	Instrumentation Facility - Analysis Services	Dept. of Physics, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	4500
Pual Herbert DNA Barcoding Centre	Instrumentation Facility - Analysis Services	Paul Herbert DNA Barcoding Centre, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	605500
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### 3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
Dr. B. K. Sakhale	Guidance and Technical Consultancy	Yogeshwari Spices Clusters	40000	100
Departmental Museum	Visitors Arrival Tickets and Publications	Department of History, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	45432	500
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## 3.6 – Extension Activities

### 3.6.1 – 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
Waste Management Project at Waluj	Department of Social Work	3	36
Cancer Awareness in Rural Aurangabad District	Department of Social Work	1	36
One Day Workshop on RURAL ENTREPRENEURSHIP	DEEN DAYAL UPADHYAY KAUSHAL KENDRA	5	33
Samabhav Gender Diversity Film Festival	TARABAI SHINDE WOMEN STUDY CENTER	5	112
Students Training	DEPARTMENT OF	3	110

Programme	ZOOLOGY		
Blood Donation Activity	Civil Hospital Osmanabad	1	7
Social Awareness Programme	Eye Progress Foundation	10	33
Legal Literacy Awareness	DEPARTMENT OF LAW	3	47
Career Counseling and Vocational Guidance	NIELIT, Aurangabad	6	90
33rd IIRS Outreach Programme on Advanced Image Analysis	IIRS, ISRO, Dehradun	0	5
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3.6.2 – 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
National education award regional	Guru Gaurav Award	International Rotary Club Aurangabad	200
Award for literary contribution	Sahityasamrat N. Chi. Kelkar Purskar	Marathi Granthsangrahalaya Pune	40
Appreciation Award for Expert Lecture	Resource Person Felicitation	Milliya Artsm, Science and management Science College, Beed (MS)	68
Appreciation for Waste Management Project at Waluj	Certificate of Appreciation	Poorman Ecovision Foundation	36
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3.6.3 – 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 activities	Number of students participated in such activities
Rally for Blood Donation Awareness	Department OF SOCIAL WORK	Awareness Programme	2	62
Gender Equality	Department OF SOCIAL WORK	Gender Equality	5	56
Legislation for Women and Children	Department OF SOCIAL WORK	Legislation for Women and Children	4	68
Blood Donation Camp	DEEN DAYAL UPADHYAY KAUSHAL KENDRA	Blood Donation Camp	5	81

Swachh Parisar Abhiyan	DEEN DAYAL UPADHYAY KAUSHAL KENDRA	Swachh Parisar Abhiyan	5	250
Swachh Bharat - Swachhata Action Plan	DEPARTMENT OF TOURISM ADMINISTRATION	Swachh Bharat - Swachhata Action Plan	2	40
Swachh Bharat - Swachhata Action Plan	DEPARTMENT OF TOURISM ADMINISTRATION	Swachh Bharat Swachh Paryatan Abhiyan	2	245
Tree Plantation	DEPARTMENT OF MANAGEMENT SCIENCE OSMANABAD	Maharashtra Harit Sena	4	71
Swachh Bharat Abhiyan	NSS Unit	Cleaning Camping	6	44
swachhata abhiyan, Adventure Tranning	Dept. of Chemistry,	swachhata abhiyan	8	70
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### 3.7 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
ERASMUS programme Student Mobility	Ujmagegam Khan	ERASMUS programme Student Mobility	75
Faculty Exchange	DR B.K Sakhale	ErasmusInternational credit mobility program	5
Faculty Exchange	Dr. Satish Mokashe	Tripura University	6
Research Project on An Exploratory Study of Facilities available for Women in Government and Semi-Government Establishment in Marathwada.	Dr Nirmala Jadhav	Govt. of Maharashtra	365
Organization of National Seminar on "Hindu Succession Act Women"	Dr Nirmala Jadhav	Maharashtra State Commission for Women, Mumbai (Maharashtra)	1
Spring School	Nikesk N Ingle	Jasco Scholarship Japan	12
Spring School	Pasha W Sayyad	Jasco Scholarship Japan	12
Spring School	Manasi Mahadik	Jasco Scholarship Japan	12
Design and Development of Sensor Integrated	Dr. Kunal Datta	NRB Industrial Bearing, Shendra MIDC, Aurangabad	05

Bearings			
IPR Seminar	Dr. Suyog Amrutrao	Chh. Shivaji College, Omerga	1
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3.7.2 – 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
Linkage for Internship	Linkage for Internship	Local Self Governments, GeBBS Foundation , SPARC Pune, Mental Health Clinic,	06/05/2019	10/06/2019	All students of IV Semester
Internship	Internship	Precision Power Products Pvt. Ltd., Aurangabad 0240-2554336	25/06/2019	25/07/2019	Gurjalwad Avinash, Ugale Akash
Internship	Internship	Roboorbit Technologies, Aurangabad 7588197392	24/06/2019	09/07/2019	Bodkhe Kiran, Suryawanshi Abhinandan, Tuplondhe Ajay
Internship	Internship	Electromate Robotics and Automation Pvt. Ltd. 02402482090	25/06/2019	09/07/2019	Bankar Shital, Gund Mayuri, Kuril Ajay, Pawar Pradyumna
Collaboration for Internships	Collaboration for Internships	Maharashtra Institute of Technology, Aurangabad	01/04/2019	30/04/2019	teachers, research students, PG and UG students
On Job Training	On Job Training	Goa Tourism Development Corporation	20/05/2019	05/07/2019	Akshay Vijay Salve
Outreach Distance Learning Program	Advanced Image Analysis	IIRS, ISRO, Dehradun	04/06/2019	15/06/2019	Five Students
PG Project Work	Project work	Wockhardt Research	22/01/2019	31/03/2019	Hanuman Baburao

		Centre			Karape
PG Project Work	Project work	Ad. Pharmachem P. Ltd.	22/01/2019	31/03/2019	Garkal Pratiksha Shivaji
PG Project Work	Project work	Wockhardt Research Centre	22/01/2019	31/03/2019	Mhetre Ajesh Khandappa
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3.7.3 – 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
University of Algarve of Portugal	15/05/2018	Research Development, Joint Programmes, Student-Faculty Exchange and Collaborative Academic Activities etc.	28
Southern Federal University, Taganrog, Russia	12/12/2018	Research Development, Joint Programmes, Student-Faculty Exchange and Collaborative Academic Activities etc.	1
National Institute of Electronics and Information Technology, Aurangabad	30/06/2018	Research Development, Joint Programmes, Student-Faculty Exchange and Collaborative Academic Activities etc.	3
Kagawa University, Japan	25/06/2018	Research Development, Joint Programmes, Student-Faculty Exchange and Collaborative Academic Activities etc.	6
FACULTY OF SCIENCE AND TECHNOLOGY TOKUSHIMA UNIVERSITY JAPAN	20/04/2018	Academic research and education between both universities	5
International Centre for Excellence in Engineering and Management, Aurangabad	28/03/2018	Content Delivery, Joint Research and Consultancy	1
Jaldoot Bahuuddeshiya	04/07/2018	Water Conservtion, Small Damm	90

Samajil Sevabhavi Sanstha		Construction	
EndressHauser	12/03/2019	Rs. 25000/- Scholarship for 20 students of PG	20
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## 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
3760	2493

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	Newly Added
Seminar halls with ICT facilities	Newly Added
Video Centre	Existing
Classrooms with Wi-Fi OR LAN	Existing
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### 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
SOUL	Fully	2.0	2010

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	327330	1325	1370	30	328700	1355
e-Books	3218729	177	0	0	3218729	177
Digital Database	17	0	0	0	17	0
CD & Video	4076	0	1076	0	5152	0
Others(spe cify)	181	2	74	1	255	3
<a href="#">View File</a>						

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	Date of launching e-
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		is developed	content
Dr. Ramesh Manza	Biomedical Image Processing Science and Technology	MOOC	10/11/2018
Shri. Satish Bhalshankar	MOODLE Based Website	MOODLE	11/06/2018
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	1862	152	1706	43	1	79	46	1	15
Added	0	0	0	0	0	1	4	0	0
Total	1862	152	1706	43	1	80	50	1	15

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

1 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
Digital Studio	<a href="http://bamu.ac.in/dept-of-masscommunication-journalism/Facilities.aspx">http://bamu.ac.in/dept-of-masscommunication-journalism/Facilities.aspx</a>
Research Laboratories	<a href="http://www.bamu.ac.in/dept_computer_science/Facilities.aspx">http://www.bamu.ac.in/dept_computer_science/Facilities.aspx</a>
Remote Access of E-Resources	<a href="http://www.bamu.ac.in/krc/e-Resources.aspx">http://www.bamu.ac.in/krc/e-Resources.aspx</a>

#### 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 incurred on maintenance of physical facilities
702	404	8155	3309

##### 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 Estate and UNIC Section of the university are the dedicated sections which are maintaining the physical, academic, ICT and other support facilities. Estate Section is responsible for the civil works, electric works, plumbing and carpentry work, horticulture etc maintenance of the infrastructural facilities, various services sectors and procurement of equipments for academic and infrastructural support facilities, while UNIC section is responsible for all the network and ICT infrastructure procurement and its maintenance. The University has systemized guidelines and procedures for the maintenance of various type of equipments/facilities. Laboratory In-Charge/Assistants of each



laboratories in various academic departments are looking after the requirements of repairs / maintenance of the equipments in various UG / PG laboratories. Laboratory In-charge/Assistants of Research Laboratories in various academic departments are looking after the requirement of repair / maintenance of the equipments in various research laboratories. Repairing and maintenance of minor equipments are done through routine procedures. Major laboratory equipments are usually covered under Annual Maintenance Contract (AMC) for their regular preventive and corrective maintenance. Teaching aids such as LCD Projectors, PA Systems, Laptops, Desktops, Printers, Wi-Fi etc. are maintained by UNIC Section. Both Estate and UNIC Section has adequate skilled manpower for the same. As per the Maharashtra Public Universities Act 2016, University has Central Purchase Committee which is dealing with the centralized procedures for purchases/rate contracts for various service/maintenance related expenses. Account Code for Maharashtra Public Universities is strictly being followed for various other expenditures of maintenance / repairs of physical facilities or laboratory infrastructure. The maintenance, repairs having expenses less than Rs. 5,000/- are carried out by the Head of respective department / section, amount of expenses between Rs. 5,000/- upto Rs. 3,00,000/- are carried out by calling quotations and expenses more than Rs. 3,00,000/- are being carried out by following the e-tendering process.

<http://www.bamu.ac.in/Administration/EstateSection.aspx>

## 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	Various Scholarship s/Fellowships to Students	285	2592274
Financial Support from Other Sources			
a) National	Various Scholarship s/Fellowships to Students from Non-Government Sources / Individuals	150	950000
b) International	0	0	0
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#### 5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Soft Skill Development-How to Write research paper	27/02/2019	33	NA
Communication : The Key For Success	23/10/2018	29	Dr. Sucheta Yambal
Importance of Yoga Meditation	19/09/2018	28	Mrs. Smita Dixit
Opportunities For	16/01/2019	27	Mr. S. Mujumdar

management Students			
Enhancement of communication Skills	15/06/2018	18	NA
Career Counseling and Vocational Guidance	28/01/2019	45	NIELIT, Aurangabad
Bridge Course	14/07/2018	21	NA
SET-NET WORKSHOP	15/06/2018	153	DR RASHINKAR KOLAHAPUR UNIVERSITY AND DR N N KARDE SANT TUKDOJI MAHARAJ UNIVERISTY NAGAPUR
Time Management, Team work and Basic soft skills	23/02/2019	23	Communication Cafe, Dr Shilpa Deshpande 9422713856
Career and Skill development workshop in association with department of life long learning and extension	15/02/2019	34	Department of Biochemistry and Department of Lifelong Learning Extension
<a href="#">View File</a>			

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2018	Guidance for NET/SET/GATE	13	13	13	5
2018	Guidance for NET/SET/GATE	170	25	25	25
2018	Planning Forum	54	54	1	1
2018	Career Guidance	32	32	14	8
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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
72	42	7

## 5.2 – Student Progression

### 5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Wipro Ltd., Zee Marathi, Sehgal Foundation, Magneto Pvt. Ltd. etc.	226	43	Real Team Systems Pvt. Ltd., TCS Pvt. Ltd, Presint Automation, 3A Automation, Pagariya Bajaj and many more	450	421
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### 5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2018	49	B.Voc (Automobile)	Deen Dayal Upadhyay Kaushal Kendra	Mumbai University	M. Voc.
2018	49	B.Voc (Automobile)	Deen Dayal Upadhyay Kaushal Kendra	Sinhagad College of PUNE	M. Voc.
2018	49	B.Voc (Automobile)	Deen Dayal Upadhyay Kaushal Kendra	Dept of Management, PUNE University	M. Voc.
2018	36	Bachelor of Performing Art (B.P.A)	Department of Dramatics	Mumbai University	M.P.A Mumbai University
2018	24	Bachelor of Tech (Chemical)	Department of Chemical Technology	Shivaji University Kollhapur	MTech Food tech, Shivaji University Kollhapur
2018	24	Bachelor of Tech (Chemical)	Department of Chemical Technology	Jalgaon University	M.Tech NMUJ
2018	21	MA, Museum Studies	Department of History	Deccan College Pune	Research Assistant, Deccan College Pune
2018	27	M.Sc, Biochemistry	Department of	"National Chemical	Ph.d, National

			Biochemistry	Laboratory, Pune	Chemical Laboratory, Pune
2018	89	M.Sc Chemistry	Department of Chemistry	IISER, Pune	Ph.D, IISER- pune
2018	89	M.Sc Chemistry	Department of Chemistry	IISc Bangalore	Ph.D
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year  
(eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	50
SET	39
GATE	1
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Departmental Workshops, Awareness Sessions and Many More	Institutional	500
Departmental Annual Day Programmes	Institutional	250
Departmental Sports Competitions	Institutional	800
Farewell Functions at the Department Levels	Institutional	500
Sports Day	State	500
One Act Play Mahotsav	State	1000
Indradhanushya Youth Festival	State	100
Central Youth Festival	District	5000
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### 5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	Runner up	National	1	0	2017015201 074960	Bhargavi Kale
2018	Captainship of State level Kho kho	National	1	0	2018015201 005380	Nikita Pawar
2018	Bronze	National	1	0	NA	Mr .

	Medal					Harshal Thite
2018	1 Gold, 1 silver Medal	National	2	0	NA	Mr. Tushar Aher
2018	Bronze Medal	National	1	0	NA	Miss. Madhuri Gherade
2018	Silver Medal	National	1	0	NA	Mr. Chavan Lakhani Pandit
2018	Gold Medal	National	1	0	NA	Darak Hris haikesh
2018	Gold Medal	National	1	0	NA	Durrani Sa ifmohamad
2018	Silver Medal	National	1	0	NA	Hatankar Harshad
2018	Branze Medal	National	1	0	NA	Pathan Shayaan
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

As per Maharashtra Public Universities Act 2016 Section 99 (B), it is directed to constitute a Student Council in the University for looking after the welfare measures of the students and for promoting and co-ordinating the extra-curricular activities of different students associations for better corporate life. Dr. Babasaheb Ambedkar Marathwada University, Aurangabad have already initiated the process for the elections of the same in Academic Year 2018-19. However, in between, the Government of Maharashtra has directed to all the Universities for keeping the election procedure on hold till the further notice. Furthermore, as per the Maharashtra Public Universities Act 2016, University has reserved the positions for the involvement of students in various committees and bodies through Student Council representatives. University is constantly taking follow-up from Government of Maharashtra regarding the same and looking forward for further directives soon.

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Dr. Babasaheb Ambedkar Marathwada University, Aurangabad has a Registered Alumni Association since 2005. The Dr. Babasaheb Ambedkar Marathwada University Alumni Association aims at working for an all-time interaction and a feeling of fraternity among alumni of the University. The association also provides opportunities for interaction between past present graduates and faculty of the University department. The alumni of our university have found and will keep on finding positions in institutions of National International repute and the association being a platform for mutual awareness among all. Association is working with a vision of "A university that fosters a sense of community while instilling in its students a lifelong commitment to our alma mater" and a mission of "To advance the University through programs that enhance the student experience, promote student-alumni interaction, establish a spirit of loyalty to the university, and cultivate relationships between students: past, present,

and future" Association is working: i) To foster the feeling of Dr. Babasaheb Ambedkar Marathwada University fraternity among university alumni through interaction by promoting and propagating the achievements of the members and the Alma Mater through exhibitions, newsletters, media, E mails etc. ii) Promoting academic and professional excellence by organizing or sponsoring seminars/ conferences/ guest lecturers / publications etc for benefit of society at large. iii) Providing career guidance in both academic and extracurricular field to the public at large and students of the Alma Mater and creating opportunity for transfer of technology/ knowledge amongst the members and the Alma Mater. iv) Encouraging advancement of Science Technology through Industry- Academia interaction and sponsored project. v) Interacting with similar Alumni Associations on common issues. Dr. Babasaheb Ambedkar Marathwada University (BAMU) has extensive list of Alumni (honouring highly esteemed positions) that includes Sukhadeo Thorat ( former UGC Chairman), Nirupama Rao (former Foreign Secretary), Sunil Gaikwad (MP), Madhusudan Manikrao Kendre, Varsha Usgaonkar (Marathi Film Actress), Yogesh Shirsath ( Marathi Film Actor), Janardan Waghmare ( Former Vice Chancellor of SRTM University, Nanded) etc. Most of them are actively involved in overall development of University. Moreover, many University departments have their own registered alumni associations at their department levels with the vast number of registered alumni.

5.4.2 – No. of registered Alumni:

5000

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

154741

5.4.4 – Meetings/activities organized by Alumni Association :

05 : Central Alumni Association and 17 : Various Department Level Alumni

## 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)

Dr. Babasaheb Ambedkar Marathwada University, Aurangabad practices Decentralization and Participative Management. The University promotes the culture of involving all the stakeholders for the institutional development wide its various operational levels. Strategy Level: University Administration follows the healthy practice of constituting various committees and teams before the decision-making process for analysing the probable decision outcomes and getting the recommendations from relevant authorities. Relevant authorities of the Universities as Academic Council, Management Council are devised as per the Maharashtra Public Universities Act 2016 with participative approach. All the relevant authorities' decisions pertaining to academic and administrative strategies are obtained after the inputs/interactions with the concerned faculties, departments and subject/area experts. Functioning Level: University ensures the inclusiveness of its stakeholders Viz. teachers, students, alumni, subject experts and distinguished persons from local society/area and decentralization in its functioning levels. The administrative and academic responsibilities are decentralized to provide effective educational leadership for effective implementation monitoring of various policies, regulations guidelines at various levels.

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
Curriculum Development	During the academic year 2018-19, University has decided to adopt the Outcome Based Education system in its curriculum. Most of academic programmes mainly in the Faculty of Science Technology, departments have started implementing the Outcome Based Education system. Internal Quality Assurance Cell has centrally conducted several workshops for familiarizing the academic departments with Outcome Based Education System.
Teaching and Learning	For students to achieve the academic excellence with built-in employability, University has rigorously made reforms in its teaching-learning process. Majority of the departments are supported with the ICT resources. Faculty members are promoted for ICT based teaching while using the chalk talk based tools for teaching. Several SWAYAM, MOOC, NPTEL courses are introduced during 2018-19. Moreover, facilities for the development of e-content are strengthened by supporting the ICT resources at laboratory levels.
Examination and Evaluation	IT integration in examination and evaluation kept on forefront during 2018-19. A dedicated Online Platform has been developed since from the student admission where the students have been assigned with the Permanent Registration Number (PRN) from dedicated MKCL portal. Issuing identity cards, timetables and hall-tickets for the examination and declaration of result is being maintained through online mode.
Research and Development	Research and Innovation activities are being governed under the Research Policy, Consultancy Policy. Board of Research has been formulated as per the Maharashtra Public Universities Act 2016. For capacity building and growth of the Marathwada region, University has established Bajaj Incubation Centre during 2018-19 with recruitment of dedicated Director (Innovation, Incubation Linkages). Research facilities at various research centres have been strengthened with the required support of state-of-the-art



	<p>infrastructure. DST-sponsored Science, Technology and Innovation Hub has been established for the empowerment of the SC/ST population in the neighbourhood community.</p>
<p>Library, ICT and Physical Infrastructure / Instrumentation</p>	<p>By considering the third cycle of assessment from NAAC in the academic year 2018-19, notable reforms have been made in the physical infrastructure, library and other ICT resources. All the infrastructural requirements from the academic departments were fulfilled with creation and maintenance related activities. Student-centric facilities like hostel, playgrounds, catering facilities etc were strengthened. University has provided IT Facilities including Broadband and WiFi facility, classrooms with ICT facilities, up-gradation and maintenance of university website and other computing equipments during 2018-19.</p>
<p>Human Resource Management</p>	<p>University has come up with various faculty empowerment strategies and faculty development programmes for its teaching and non-teaching staff. Welfare mechanisms such as financial assistance for attending conferences, workshops etc medical/festival advances seed money in the form of minor research projects on-campus medical facilities, on-campus staying and sports facility has been provided. Dedicated UGC-Human Resource Development Center as well as departments have conducted various Refresher/Orientation courses for teaching and non-teaching staff.</p>
<p>Industry Interaction / Collaboration</p>	<p>University has dedicated University-Industry Interaction Cell with full time Officer-on-Special-Duty. The Cell has worked for the Industry-Academia linkages and collaboration. University has 52 active MoUs signed with institutions/industries of national/international repute and NGOs for various student-centric activities. Bajaj Incubation Center of the university has started working for creating the start-ups various hackathons, training sessions were organized for the aspirant incubates from the region. Moreover, Center for International Relations of the university had a tie up with European Union under Enhancing Quality Assurance in South Asia (EQASA) Project aiming</p>



the support for the socio-economic growth in South Asia.

#### Admission of Students

Centralized Admission Process is being carried out for all the academic programmes of the university since long. The intake capacities for various academic programmes was restructured by considering the students demands well before the admission process. The promotional and advertisement related activities, curricular reforms were made for increasing student admissions particularly for the low-demand academic programmes. Moreover, special powers of recommendations was conferred upon the Heads of the Departments subject for the approval of competent authority for filling up the vacant student positions.

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

E-governance area	Details
Examination	University has implemented the e-governance system in Examinations too. Examination Section has dedicated MKCL portal for collection of examination forms, issuing hall tickets and declaration of results. Initially during the admission process, every student is being registered with Permanent Registration Number (PRN) and dedicated window is being provided to him, where all the examination related communication is being monitored there.
Student Admission and Support	University has adopted the Online Admission System from 2017-18 onwards. University has dedicated portal for student admissions. All the admission process is centrally being monitored through online platform from registrations, publishing the provisional allotment letters till the final admissions list. For Student Support, University has dedicated 'Student Corner' portal particularly for the students where students are being able to get the notifications/notices and other relevant source of information through online platform. Moreover, University is planning to create and implement the Student Grievance System through same platform.
Finance and Accounts	Finance Accounts section of the University has implemented the e-governance since long. Finance Accounts

	<p>section has its dedicated software for its routine transactions and annual accountings. University has started online transaction mechanism from 2018-19. Each payment of the vendors, salary of the employees is being transacted through online mode.</p>
Administration	<p>University has increasingly implementing e-governance in its administration. Various circulars/notices are being published over the website for all the stakeholders. Every faculty member has independent profile over the website for creating the working database. Establishment section of the university is regularly practicing the e-culture for data monitoring. Moreover, university is planning to create and implement its own File Tracking System in the upcoming academic year.</p>
Planning and Development	<p>University has started adopting the e-governance mechanism in its planning and development. University has updated website through which the activities are being showcased publicly. Moreover, Planning Statistics section of the university is inviting/accepting proposals from various stakeholders through online mode. Annual Report of the University is also being prepared and e-copy of the same is available on the University website.</p>

### 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
2018	Dr. Ramesh Chougule	Indo-Canadian Multidisciplinary Research and Management.	Institute of Infrastructure Technology, Research and Management, Ahmedabad	10000
2018	Dr. M. K. Lande	International Seminar 55th Annual Convention of Chemists 2018, Indian chemical society	Indian Chemical Society, Kolkatta	10000
2018	Dr. Giribala M.	106th ISCA-2019	Indian Science	10000

	Bondle	Indian Science congress association	Congress Association, Kolkatta	
2018	Prof. Sunil S. Patil	Lecture Series	RV College of Engineering, Bengalore	10000
2018	Dr. Deepak B. Pachpatte	Presentation at 3rd International Conference on Recent Advance in Mathematical Science and it's Application (RAMSA-2019)	JIIT, Noida	10000
2018	Dr. Satish Mokashe	105 Indian Science Congress an delivering "Invited Lecture"	Indian Science Congress, Manipur	10000
2018	Dr. Suresh T. Gaikwad	International Seminar 55th Annual Convention of Chemists 2018, Indian chemical society	Indian Chemical Society, Kolkatta	10000
2018	Dr. Bhaskar R. Sathe	International Conference on E lectrochemistry in Advanced Materials, Corrosion and R adiopharmaceuti cals (CEAMCR-2018)	DAE Convention Centre, Mumbai	10000
2018	Dr. Anjali S. Rajbhoj	International Seminar 55th Annual Convention of Chemists 2018, Indian chemical society	Indian Chemical Society, Kolkatta	10000
2018	Dr. Anar Ravindra Salunke	National Level Workshop on Leadership Development and Institution Building	Savitribai Phule Pune University, Pune	10000

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6.3.2 – Number of professional development / administrative training programmes organized by the University 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)
2018	Workshop on Research Methodology for Research Guides in the Faculty of Commerce and Management Science	NA	12/04/2019	13/04/2019	11	0
2018	Awareness Program of e-Resources provided by Balani Group of Companies under e-ShodhSindh Consortium	Awareness Program of e-Resources provided by Balani Group of Companies under e-ShodhSindh Consortium	26/11/2018	26/11/2018	35	6
2018	One Day workshop for librarians Awareness Program of Springer Nature e-resources	One Day workshop for librarians Awareness Program of Springer Nature e-resources	27/09/2018	27/09/2018	110	4
2019	One Day Author workshop on Scientific Writing Publishing Scholarly Articles	One Day Author workshop on Scientific Writing Publishing Scholarly Articles	30/01/2019	30/01/2019	25	10
2019	Awareness Training Program of J-Gate E-Journal Consortia	Awareness Training Program of J-Gate E-Journal Consortia	21/02/2019	21/02/2019	8	12

2019	Awareness Program of Springer Nature E-Books	Awareness Program of Springer Nature E-Books	06/03/2019	06/03/2019	5	3
2019	Awareness Program of McGraw Hill E-Books	Awareness Program of McGraw Hill E-Books	15/03/2019	15/03/2019	9	0
2019	Awareness Training Program of Web of Science	Awareness Training Program of Web of Science	28/05/2019	28/05/2019	50	4
2019	NA	Professional Development For Administrative Staff	26/04/2018	26/04/2018	0	34
2018	STC in Research Methodology for Social Science Humanities and Commerce/Management	STC in Research Methodology for Social Science Humanities and Commerce/Management	16/07/2018	21/07/2018	43	0
<a href="#">View File</a>						

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
Management Development Programme on "MULTIVARIATE DATA ANALYSIS" (MDA 2018 )	1	02/07/2019	07/07/2019	06
NRDMS-DST SUMMER SCHOOL ON GEOSPATIAL TECHNOLOGIES (LEVEL1)	3	10/06/2019	30/06/2019	20
REFRESHER COURSE ON Bio medical Image processing Science and TechnologyBIOMEDIC	2	01/11/2018	28/02/2019	90

AL IMAGE PROCESSING BY SWAYAM (MOOC COURSE)				
ISI-ICTP Summer School on Internet of Things	2	22/07/2019	25/07/2019	03
Development of Soft Skills and Personality	1	01/08/2018	31/10/2018	30
Short Term Course Research Methodology [Science]	1	24/06/2019	29/06/2019	05
Refresher course	1	23/11/2019	13/12/2019	15
Special Summer School	2	22/06/2018	12/07/2018	15
UGC Sponsered Short Term Programme in Gender Sensitisation	1	19/03/2019	25/03/2019	06
FDP - Global Business FOundational Skills	2	21/08/2018	29/08/2018	07
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
0	0	0	1

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
1) Financial assistance for attending conferences/workshops 2) Seed Money in the form of Minor Research Projects 3) On campus medical facilities with subsidized rates 4) Dedicated cabins and workshops for faculty members 5) Physical facilities including Housing, Bank, Post Office, Sports facilities, Gymnasium etc.	1) Financial assistance to meet emergency medical expenses of staff and family members 2) Concession in tuition fees for ward of employees 3) Provision of Festival/Medical advances 4) Amenities like Housing, Health Center, Sports arena, Swimming Pool, Bank etc.	1) Dedicated Students Development Section with Full Time Director and supporting staff 2) Financial Assistance to Students from 'Earn While Learn Scheme' 3) Common Rooms for Girls 4) Ramps and other necessary measures for divyangajans 5) Organization of Yearly Youth Festivals, Sports Festivals and NSS activities 6) Provision of Special Scholarships/Fellowships

## 6.4 – Financial Management and Resource Mobilization

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

University's accounting procedures are being governed by the Standard Account Code published for the Maharashtra State Universities by Government of Maharashtra. The University is conducting its financial internal and external audit. Finance and Accounts Section is headed by a full-time Finance and Accounts Officer followed by Accounts Officer, Deputy Registrar, Assistant Registrar being assisted by several Senior and Junior Assistants, along with dedicated Audit section for ensuring the smooth financial transaction and maintenance of annual accounts moreover the balance sheet of the University and audit thereof. The University has independent internal audit section supported by well-qualified chartered accountants and experienced audit personnels. The University's finances are regularly being audited (internally and externally) by qualified independent auditors and observations / objections are being addressed time to time. Internal and external financial audit are carried out for improving financial Governance, and management control. Finance and Accounts Section reviews each element of University Accounting System in accordance of internal control policies of Account code. The University has also conducted AG (Audit General) audit successfully. The objections raised were successfully addressed.

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
Scholarships from EndressHauser Automation Pvt. Ltd., Late R. N. Bagla Scholarship	950000	Scholarships to the Students
<a href="#">View File</a>		

6.4.3 – Total corpus fund generated

No Data Entered/Not Applicable !!!

## 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	Experts committee inclusive of members of national/international reputation constituted by Honble Vice-Chancellor	Yes	Honble Pro-Vice-Chancellor
Administrative	Yes	Experts committee inclusive of members of national/international reputation constituted by Honble Vice-Chancellor	Yes	Honble Vice-Chancellor

	onal/international reputation constituted by Honble Vice-Chancellor	
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6.5.2 – What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable)

As per the time-to-time recommendations from University Grants Commission, University is promoting its affiliated colleges for the promotion of autonomy in affiliated colleges. Several meetings with the Principals of the affiliated colleges were conducted and promoted them for starting the preparations for proposing the autonomy. Moreover, university is focusing on the promotional initiatives to be taken for granting the autonomy in affiliated colleges.

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

Each department of the university practices the Parent-Teacher mechanism formally/informally. Parent is being treated as the major stakeholder amongst the University. Since university is following the mentor-mentee scheme, every student has dedicated mentor who is looking after their parent interaction timely. Moreover, student's growth record is quarterly being communicated to the parents and parent-teacher meeting is being organized regularly. 1) Structured feedback mechanism from Parents 2) Parent-Teachers interactive session during the Induction Meeting 3) Sharing of students growth record to parents 4) Involving the parent representatives on several departmental committees

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

University Administrative/Teaching departments are regularly organizing the development programmes for supporting staff. Several training sessions/workshops were organized for supporting staff. Moreover, university is offering a short-term diploma course on 'Office Management' for its supporting staff. Some of the initiatives taken are listed as follows : 1) Workshop on Right to Information Act 2) Training Session cum Workshop on ISO Certification 3) Training Sessions for University Programmers 4) Regular sessions on Human Values and Professional Ethics

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

University has successfully completed its third cycle of assessment and accreditation by NAAC on 28th March 2020 by retaining its 'A' grade with incremental CGPA of 3.22. The following are some of the post accreditation initiatives carried out so far : 1) Circulation and familiarization of the Peer Team Report and Scorecards 2) Brief analysis and documentation of the Assessment Outcome after Third Cycle of NAAC Accreditation targeting the specific points for respective action plan 3) Establishment of DST-Sponsored Science, Technology and Innovation Hub for the empowerment of SC/ST population in the neighborhood community

6.5.6 – 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

6.5.7 – Number of Quality Initiatives undertaken during the year



Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	Interactive Session on Outcome Based Education : Question Answers	10/12/2018	10/12/2018	10/12/2018	50
2018	Participation and Submission of Data for NIRF	30/11/2018	30/11/2018	30/11/2018	20
2018	Presentation Sessions for the Departmental Academic Review	29/11/2018	29/11/2018	29/11/2018	52
2018	Students Orientation Programme for Student Satisfaction Survey by NAAC	02/11/2018	02/11/2018	02/11/2018	271
2018	Awareness Programme on NIRF	20/10/2018	20/10/2018	20/10/2018	80
2018	Interactive Session on Revised Accreditation Framework	28/09/2018	28/09/2018	28/09/2018	95
2018	Submission of SSR to NAAC, Bangalore	27/10/2018	27/10/2018	27/10/2018	52
2018	Submission of IIQA to NAAC, Bangalore	27/08/2018	27/08/2018	27/08/2018	52
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## CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male

National Seminar on "Hindu Succession Act Women"	30/11/2018	30/11/2018	112	79
Understanding Dr. Ambedkar's Theory & Practice"	21/01/2019	25/01/2019	35	49
Caste in India and Rethinking of Gender History	04/10/2018	04/10/2018	54	26
Property Rights and Women	09/10/2018	09/10/2018	11	14
Political Economy of Land Ownership	17/10/2018	17/10/2018	8	5
Popular Culture- 'Jatra' in Rural Maharashtra	25/10/2018	25/10/2018	6	14
Tarabai Shinde: The Great Indian Feminist Thinker	09/04/2019	09/04/2019	19	10
Inheritance Rights and Women: Successfull Vaijapur Pattern	08/10/2018	08/10/2018	4	13
Friday Film Club - offside	06/07/2018	06/07/2018	10	10
Friday Film Club - Nishant	20/07/2018	20/07/2018	16	12
Friday Film Club - Not only Misses Raut	03/08/2018	03/08/2018	33	13
Friday Film Club - Roughbook	07/09/2018	07/09/2018	56	22
Friday Film Club - A Billion Color Story	04/10/2018	04/10/2018	18	12
Friday Film Club - Akira	19/10/2018	19/10/2018	16	19
Friday Film Club - Newton	02/11/2018	02/11/2018	23	6

Friday Film Club - Raazi	12/04/2019	12/04/2019	27	10
Satyashodhak -Act	11/04/2019	11/04/2019	18	17
language and power politics	10/10/2018	10/10/2018	12	16
Samabhav Gender diversity film festival	08/03/2019	09/03/2019	66	52
Gender Equality	28/11/2018	28/11/2018	48	20
Refresher Course in Gender Sensitization	01/02/2019	22/09/2019	45	20

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
<p>University practices the environmental consciousness and sustainability/alternate energy initiatives. University has dedicated Department of Environmental Science and Estate and Garden Section who is looking after the initiation of these initiatives. Throughout the academic year 2018-19, University has largely strengthened in its green practices. University has adopted the green practices such as strengthening of pedestrian friendly roads, water conservation measures, waste management practices, less-plastic campus, paperless office concept etc. In Alternate Energy initiatives, University has solar panels routed in most of its departments by which 26.36 of annual power requirement met by the renewable energy sources. LED bulbs are being widely used during all the campus and sub-campus. Moreover, during 2018-19, University has undergone through Energy Audit as well as Green Audit. University is striving hard towards developing water conservation and water efficiency measures through promotion of water conservation measures, monitoring and minimizing the water consumption, implementing the planting initiatives etc.</p>

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	10
Ramp/Rails	Yes	10
Braille Software/facilities	Yes	10
Rest Rooms	Yes	750
Special skill development for differently abled students	Yes	5
Any other similar facility	Yes	10

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational	Number of initiatives taken to engage with	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
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	advantages and disadvantages	and contribute to local community					
2018	4	4	08/05/2019	30	Establishment of Science, Technology and Innovation Hub for Empowerment of SC/ST Community in University campus	Unemployment and Poor livelihood of SC/ST population in Chikal than Village of Kannad taluka	6
2018	6	6	01/08/2018	30	Adoption of villages and activities in the neighbourhood community	Awareness on social causes, disaster management training etc	4
2018	4	4	23/08/2018	07	Life Long Learning Activities	Soft Skills Training Camps, Workshops and Awareness Sessions on Social Issues	2
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#### 7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
E-copy of Code of conduct handbook for students, teachers, administrative and supporting staffs	27/07/2018	IQAC has published an e-copy of Code of conduct handbook for students, teachers, administrative and supporting staffs. The copy of Code of conduct handbook was published on the university website and this has been widely familiarized amongst the stakeholders by conducting the sessions and routine interactions.
Value-added courses and	02/08/2018	IQAC of the University

workshops on Human Values and Professional Ethics:	has centrally conducted 20 value-added courses in various departments of the University on Human Values and Professional Ethics. Moreover, Departments at their respective levels regularly conducts various interactive sessions on Human Values and Professional Ethics
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#### 7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Community Services	01/07/2018	13/11/2018	18
Marathi Bhasha Gaurav Saptah	20/02/2019	25/02/2019	100
Prof. W. L. Kulkarni Lecture Series	20/02/2019	20/02/2019	70
Prof Narhar kurundkar Lecture series .	21/02/2019	21/02/2019	60
Studnet Author Meet	15/10/2018	15/10/2018	60
Republic Day Celebrations	26/01/2019	26/01/2019	500
Maharashtra Foundation Day Celebration	01/05/2019	01/05/2019	500
Independence Day Celebration	15/08/2019	15/08/2019	500
Science Day Celebrations	27/02/2019	28/02/2019	500
Yoga Day Activities	21/06/2019	21/06/2019	100

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

University is having a picturesque background of campus of over 725 acres. Department of Botany and Garden Section of the University is routinely maintaining the botanical garden, plantations, lawns and gardens. Following are some of the initiatives taken for the making the campus eco-friendly: 1) Pedestrian Friendly Roads: During the academic year 2018-19, university has developed 3.5 kms of pedestrian friendly roads, earlier it was 1.5 kms. 2) Placing of Garbage Bins all over the Campus: University has placed over 50 dustbins for solid and liquid waste each all throughout the campus so as to maintain the waste segregation measure. Cleaning agency is looking after maintaining the same. Moreover stakeholders were encouraged to maintain the cleanliness by promoting the dashboards and other necessary initiatives. 3) Clean India Initiatives by NSS: NSS Unit of the University has conducted various initiatives under Clean India Campaign. 80 NSS volunteers participated during this initiative. 4) Waste Management Initiatives: University was following the healthy practice for the waste management by creating various

pits. During 2018-19, the pits were increased and waste is being segregated at each level and being well-managed 5) E-Waste Management Strategies: During 2018-19, University has planned various strategies and implemented for the reuse, recycle of available e-waste. And it was also decided that e-waste generated from hardware which cannot be reused or recycled is being disposed off centrally through authorized vendors.

## 7.2 – Best Practices

### 7.2.1 – Describe at least two institutional best practices

**Best Practices 1 : Teaching-Learning Practices**  
**Title of the Best Practice :** Teaching-Learning Process  
**Objectives of the Practice :**

- To create a learners-centric reciprocity of education by implementing structured appropriate methodologies in the teaching-learning practices of the institution such as participative, experiential and collaborative learning modes
- To augment initiatives in teaching-learning modality, strengthening facilities for effective teaching-learning process
- To make teaching-learning process more creative, innovative, dynamic and individualized by introducing various digital/e-resources, familiarity with the learning management systems (LMSs)
- To carry out the reformation of various pilot initiatives for catering to the students diversity

**The Context :** Dr. Babasaheb Ambedkar Marathwada Univesrity, Aurangabad is established with the status of Rural University. Our analysis of the student backgrounds shows 75 of the prevailing students including boys and girls are hailing from the rural side. To provide a platform for rural, women, socially disadvantaged and specially-abled groups to achieve Academic Excellence with in-built Employability is one of the mission of the University, and University is rigorously looking forward for complying its Vision and Mission. Therefore, University has created a learners-centric, student-friendly teaching-learning process.

**The Practice :** Dr. Babasaheb Ambedkar Marathwada University, Aurangabad is effectuating time-to-time updations in its Teaching-Learning Process. University has adopted a highly transparent, learners-oriented and competitive mechanism for learning environment. Every updation in the teaching-learning processes conducted on a pilot basis in few of the departments and later the same is being operationalized in rest of the departments of the University. Every Department of the University adopts a balanced blend of classic and modern methods of teaching-learning. 95 of the faculty members prefer ICT based teaching while using chalk talk based tools for further explanation as illustration aid. In order to enable visualization based understanding of certain topics, open source videos are embedded in power point presentations for example NPTEL courses, MOOC lecture modules, MIT freeware lecture modules etc. Some departments adopt lecture demonstration by using dedicated ICT tools for lab based lectures. Various methods of experiential and participatory / collaborative learning are adopted to ensure active participation of students in the teaching-learning process.

1. The participatory learning activities adopted by the faculty to develop an application based outlook of student are: Group discussions Case Studies Role plays Projects Designs Presentations Seminar Home Assignments Minor / Major Project, Dissertations Industry internships Field works Exhibits, Practical Demonstrations etc.
2. The University has introduced compulsory research components in every semester for PG programme across the departments, wherein first semester offers research methodology and from second semester onwards, students are needed to work in research laboratories/ or on industrial problems in close conjunction with research community of the University/ industry personnel. During this period, students encounter problems of varied complexity that they have to solve through evidence-based thinking and judicious decision-making.
3. University-Industry Interaction is being organized annually. Students' participate in this summit to understand the requirements of the industry
4. Students are encouraged to participate in inter-university

competitions, technical competitions, sports competitions, corporate competitions Skill Enhancement Courses. To support students' overall development, University also offers discipline-specific Skill enhancement courses. Evidence of Success : Teaching-learning process of the University has triggered the enhancement in the quality improvement of the institution.

University in its Third Cycle of assessment and accreditation by NAAC, Bangalore has achieved the incremental CGPA from 3.07 to 3.22 with retaining the 'A' Grade. Following are some of the key features and significant achievements recorded based on the teaching-learning process of the University

- • Student Learning Environment, Student Learning Outcome: University Teachers has been undergoing from cognitive and metacognitive learning processes in order to achieve learning outcome in the form of changed believes about their practice or, even better, change in behavior. These processes has evolved cognitive thinking activities that are used in processing the learning content. University has introduced Outcome Based Education system for most of academic programmes. • Extensive Use of Technology: The Use of Technology in teaching-learning has changed the face of learning and has created more educational opportunities for students. Teachers have learned how to integrate technology in their classrooms and students are getting more interested in learning with technology. The process has augmented various state-of-the-art ICT resources in the infrastructure. Problems Encountered and Resources Required : One of the major problem/challenge University has encountered is to shape out the student's interests for the ICT-based learning approach. Since most of the applicants to the University programmes are applying from rural background, students requires training/demonstration for the use of technical resources during the process. Therefore, University is being organizing special familiarization sessions for students regarding the use of ICT resources during the teaching-learning. Since communication skills is found to be a critical concern amongst the students from rural background, University has established a Languages Lab which is well-utilized. Best Practices 2 : Students Admission Process Title of the Best Practice : Student Admission Process (Online)

Objectives of the Practice : To provide an online mechanism through which applicants can directly apply online to various courses and colleges affiliated to university To minimize the time processing in the institutional admission process To maximize the availability of the admission sign ups in 24x7 mode for students To enable applicants from distant/remote locations to apply to colleges of their choice without physically going to college for purchasing brochure, standing in a long queues, admission forms etc. initially To create the precise, reliable and user friendly admission process with the existing manpower and for carrying out the less paper work The Context : Dr. Babasaheb Ambedkar Marathwada Univesrity, Aurangabad is an University with the status of Rural University. Most probably with the previous analysis of the student backgrounds, 75 of the prevailing students including boys and girls are hailing from the rural side. To provide a platform for rural, women, socially disadvantaged and differently-abled groups to achieve Academic Excellence with in-built Employability is one of the mission of the University, and University is rigorously looking forward for complying its Vision, Mission. Therefore, University has set up a simplified student-friendly reliable procedure for the student's admissions (UG PG) with exercising the conduct of department-wise Common Entrance Test. The Practice : Dr. Babasaheb Ambedkar Marathwada University, Aurangabad has effectuated the Online Student Admission Process from academic year 2016-17. University has adopted a highly transparent and competitive mechanism for commencing the Online Student Admission Process.

Initially, the activity was channelized for the University Campus academic programmes on exercise mode, later the same has been operationalized to all the University and its affiliates (UG PG). At the beginning of the every academic year, University level IQAC collect, analyze the feedbacks from the stakeholders and prepares a comprehensive action plan based on which the



recommendations used to be communicated with the University authorities.

University constitutes an 'Admission Committee' by assigning the responsibilities to Co-ordinator and members of the committee under the supervision of the Board of Deans. The Committee prepares a detailed faculty-wise schedule for the admissions, eligibility for the admissions and various familiarization sessions for the same. Conduct of Common Entrance Tests :- The

Faculty Department-wise Common Entrance Tests are being governed by the Admission Committee. Setting up of the question papers, overall conduct of the common entrance tests is being arranged by the respective departments. Results of the examinations are declared within the two/three days. Later, the merit lists 1/2/3 are published by the respective departments based on the CET scores. The remaining vacant seats are filled up through the spot admission process. Online Utility for the Admission Process:- A dedicated web portal is developed by the University Programmers for keeping regular track of the admission process. Student registrations, display of subject-wise eligibility for the admissions/time-to-time circulars, issue of hall-tickets, results declaration, merit lists 1/2/3 are being managed by the portal. Provisional admission letters are later issued to the candidates. The document submission of the short-listed candidates is managed through the portal. Final admission letters are issued after the successful document verification by the respective departments. Evidence of Success : More-or-less 2,25,000 students from the University's jurisdiction have been benefitted since the inception of this process. Following briefed are some of the key features and significant achievements recorded after the initiation of this process - the process is marked rapid, flexible, cost/manpower saving, effortless, highly transparent and competitive by most of the University stakeholders University Administrators have benefitted through this systemized approach of the student management by creating student profiles with unlimited custom categories and fields for data submission, enrollment, attendance, schedule and more, moreover to share academic records with the faculties and administrators the process itself is creating student's database which resulted into no data redundancy, healthy data encapsulation, systemized data abstraction for creating the institutional real-time reports it has created a easiness in the institutional activities regarding the Examinations, Event Scheduling, Library Services, Scholarships/Fellowships, Hostel Management etc. Problems Encountered and Resources Required : One of the major problem/challenge University has encountered is facilitation to the students for technical help to the students.

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

<http://bamu.ac.in/igac/AQAR.aspx>

### 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

Nurturing Innovation, Incubation Linkages in the University Campus • As per Maharashtra Public Universities Act 2016, Universities are expected for creating and cultivating the enabling environment for propagating the concept of innovation, for converting innovative ideas into working models through a process of incubation which shall finally lead to creation of an enterprise and to cultivate, establish, maintain and strengthen the link of the university with premier and international universities and institution. • Dr. Babasaheb Ambedkar Marathwada University, has always nurtured a holistic and congenial atmosphere for sustained escalation in frontier level research and development in various sectors of technical and economic significance. • Keeping this as a focused objective, University has started creating the enterprise environment for Innovation, Incubation and Linkages Establishment of Bajaj Incubation



Centre • During the Academic Year 2017-18, University has proposed a request to Bajaj Auto Pvt. Ltd. for the financial assistance under Corporate Social Responsibility (CSR) for creating the infrastructure and basic enterprise. • The proposal was accepted by Bajaj Auto Pvt. Ltd and they've sanctioned Rs. 1.5 Cr for the construction of building. The centre was inaugurated in academic year 2018-19 on 14th August 2018 named 'Bajaj Incubation Centre (BIC)'. It is the first incubation centre among all the universities in Maharashtra. • Later, as per the Maharashtra Public Universities Act 2016 and time-to-time guidelines form the Government of Maharashtra, University has appointed a full time Director for Innovation, Incubation and Linkages (IIL) with dedicated supporting staff. Ongoing status of the Innovation, Incubation Linkages • The Incubation Center under Maharashtra State Innovative Start-up Policy -2018 has the core aim to work through its frame of constitution, on one hand, establishing the state-of- the art inter-disciplinary and market-faceted research facilities to allow students and faculties work on their ideas in a congenial environment. • Dedicated Incubation, IPR cell, University Industry Interaction Cell are putting their efforts in required track towards - successful property right generation, technology transfer, mass production of prototypes through development partners and Incubatee entrepreneurship abilities to small and medium scale industries. • The Center is imparting regular training towards methodical development of entrepreneurship skill at various strategic levels and strengths which are ever remaining as one mainstay of the Centre activities. • Dedicated panels are setting up for identifying the potential ideas, timely monitoring and guidance to shape the ideas to be commercially viable product • University has 52 active MoUs with various industries/institutions of national/international repute • MSInS Incubation Center supported by Govt. of Maharashtra and Atal Incubation Center supported by MHRD are the upcoming key fronts heading Distinct features of the Centre • Ready-to-serve physical environment i.e. air-conditioned floor space, equipped conference rooms along with OHP and video-conferencing unit, workstations and pre incubation blocks with physical security, high bandwidth networking, WiFi facility • State-of-the-art infrastructural facilities including proof or concept lab prototyping and fabrication lab, in-house library and IPR Cell along with Industry-Interaction and Market Research Cell • Accounting and administrative block including photocopy, scanning, printing equipments

Provide the weblink of the institution

<http://www.bamu.ac.in/bic/Home.aspx>

## 8.Future Plans of Actions for Next Academic Year

Curricular Aspects:- • Strengthening of Existing Outcome Based Education System • Revision of Need based curriculum and thoughtful planning for new courses • Initiation of innovation, entrepreneurship and creativity courses • Conduction of value-added courses • Strengthening structured online feedback mechanism Teaching-Learning and Evaluation:- • Developing strategies for increasing the demand ratio for certain programmes • Reforms in the learning-levels assessment and active implementation of mentor-mentee scheme • Motivating and promoting teachers for national/international fellowships • Adoption of ICT tools in teaching-learning, conduction of online MOOC, NPTEL courses and promotion and development of e-content, e-material • Attainment of COs, POs, outcome analysis and bridging the gaps • Continuous internal assessment and integration of IT in Examination Evaluation • Improving the passing percentage • Interactive sessions with students, faculty and administrative staff Research, Innovation Extension • Awareness, operationalization and updating the Research Policy • Provision of seed money and 'Research-for-Society' initiative • Ideation of start-ups and IPR Workshops • Improving collaborations and linkages and activities under the same • Motivating the faculty and scholars for the research publications in journals of national/international repute with high impact factor • Creating Awareness to

undertake consultancy projects and operationalization of Consultancy Policy and revenue generation from the same Infrastructure and Learning Resources • Strengthening of Laboratory and ICT Infrastructure • Creation of E-content development infrastructure • In-door, outdoor sports facilities and organizing cultural activities Student Support and Progression • Structured mechanism for tracking the student progression • Creation of placement opportunities for students and ideation of capability enhancement schemes • Student grievance redressal mechanism and strengthening of foreign student cell • Active involvement of alumni and generation of funds from alumni Governance, Leadership and Management • Filling up of vacant teaching, non-teaching and supportive staffs posts • Strengthening of e-governance in the administration, finances, planning and student support • Organization of FDPs, PDPs, training sessions for teaching, non-teaching staff • Exploring and tapping funds from non-government sources • Conduct Academic Administrative Audit, ISO and NBA • Developing Institutional quality assurance strategies and its implementation Institutional Values and Best Practices • Carrying out gender sensitization and equity promotion schemes • Green initiatives and waste management (Solid, Liquid and e-waste) • Initiatives for addressing locational advantages/disadvantages • Strengthening of best practices and creating distinct resources as per regional needs • Conducting Cleanliness Drive under Swacchata Action Plan • Catering to the Emotional and Mental Health of students