

**Prof. Ram Meghe Institute of Technology and
Research, Badnera- Amravati**

**Annual Quality Assurance Report
(01 July to 30 June)
Academic Year 2017-18**



Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

Bangalore

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The Annual Quality Assurance Report 2017-18 (AQAR) of the IQAC

Part – A

1. Details of the Institution

1.1 Name of the Institution

Prof. Ram Meghe Institute of Technology
and Research, Badnera-Amravati

1.2 Address Line 1

Anjangaon Bari Road

Address Line 2

New Amravati Bypass

City/Town

Badnera- Amravati

State

Maharashtra

Pin Code

444701

Institution e-mail address

principal@mitra.ac.in

Contact Nos.

Tel.: 0721-2681246
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Name of the Head of the Institution:

Dr. Amol P. Bodkhe

Tel. No. with STD Code:

0721-2681246 Ext. -202

Mobile:

9422917590

Name of the IQAC Co-ordinator:

Dr. Chandrashekhar N Deshmukh

Mobile:

9820004158

IQAC e-mail address:

iqac_prmitr@mitra.ac.in

1.3 NAAC Track ID (For ex. MHCOGN 18879)

MHCOGN 26837

1.4 NAAC Executive Committee No. & Date:

EC (SC)/24/A&A/39.1 dated 02-05-2017

1.5 Website address:

<http://www.mitra.ac.in>

Web-link of the AQAR:

<http://www.mitra.ac.in/naac-self-study-report/>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	A	3.12	2017	05 Years
2	2 nd Cycle	--	--	--	--
3	3 rd Cycle	--	--	--	--
4	4 th Cycle	--	--	--	--

1.7 Date of Establishment of IQAC:(DD/MM/YYYY)

16 June 2016

1.8 AQAR for the year (for example 2010-11)

2017-18

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11 submitted to NAAC on 12-10-2011)

1. AQAR

Not Applicable

(DD/MM/YYYY)

1.10 Institutional Status

University State Central Deemed Private

Affiliated College Yes No

Constituent College Yes No

Autonomous college of UGC Yes No

Regulatory Agency approved Institution Yes No

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education Men Women

Urban Rural Tribal

Financial Status Grant-in-aid UGC 2(f) UGC 12B

Grant-in-aid + Self Financing Totally Self-financing

1.11 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

1.12 Name of the Affiliating University (*for the Colleges*)

Sant Gadge Baba Amravati
University, Amravati

1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc -NA-

Autonomy by State/Central Govt. / University

University with Potential for Excellence	--	UGC-CPE	--
DST Star Scheme	--	UGC-CE	--
UGC-Special Assistance Programme	--	DST-FIST	--
UGC-Innovative PG programmes	--	Any other (<i>Specify</i>)	--
UGC-COP Programmes	--		

2. IQAC Composition and Activities

2.1 No. of Teachers	08		
2.2 No. of Administrative/Technical staff	08		
2.3 No. of students	01		
2.4 No. of Management representatives	01		
2.5 No. of Alumni	01		
2. 6 No. of any other stakeholder and community representatives	01		
2.7 No. of Employers/ Industrialists	01		
2.8 No. of other External Experts	Nil		
2.9 Total No. of members	21		
2.10 No. of IQAC meetings held			
2.11 No. of meetings with various stakeholders:	No.	10	Faculty
			7
Non-Teaching Staff Students	01	Alumni	02
		Others	--

2.12 Has IQAC received any funding from UGC during the year? Yes No

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. International National State Institution Level

(ii) Themes

2.14 Significant Activities and contributions made by IQAC

In respect to Department of Civil Engineering:

Significant Activities	Contribution
Techo Wall – Wall magazine	Bridging curricular gaps, Introduction to latest technologies and trends
Techno News – Newsletter	Bridging curricular gaps, Introduction to latest technologies and trends
Poster Competition	Development of Creative aspects of student personality.
Hobby Club	Social, Cultural, Creative and Academic development of students, Development of Interpersonal and Communication skills. Bridging curricular gaps
Expert Lectures	Bridging curricular gaps
Industrial Visits	Bridging curricular gaps
One day Seminar on Energy Efficient Buildings	Bridging curricular gaps
Participation in Unnat Maharashtra Abhiyan	Development of students as a Socially Responsible Citizen
“Constructo” Model Making Competition	Bridging curricular gaps
Paper Presentation Comptetion	Bridging curricular gaps
One day Seminar on “Precautions to be taken during execution of concrete work”	Bridging curricular gaps
One day seminar on Role of Civil Engineers in Construction Industry	Bridging curricular gaps

In respect to Department of Computer Science and Engineering:

Significant Activities	Contribution
Guest Lecture	Bridging curricular gaps, Introduction to latest technologies and trends
Workshops	Bridging curricular gaps, Introduction to latest technologies and hands on practices for the same.
Entrepreneurship Activity	Developed advanced knowledge on how to assess business opportunities and an in-depth understanding.
Spoken Tutorial Activity	The Spoken Tutorial Project is the initiative of the "Talk to a Teacher" project at IIT Bombay, National Mission on Education through ICT, MHRD, Govt. of India, to spread IT Literacy all over India. It provides a variety of Spoken Tutorials on various courses to the students.
Peer to Peer Learning	This learning involves individuals exchanging Knowledge and experience with peers.
Industrial Visits	Bridging curricular gaps
Parents Meet	To help the parents realize their respective roles in promoting integrated education, co-operation and involvement in the programme.
Wall magazine	Bridging curricular gaps, Introduction to latest technologies and trends
Art Club	Providing students platform to exhibit to their arts, skills.
Paper Presentation Competition	Provides a platform to express Knowledge, explore ideas and compete.
Project Modeling Competition	Bridging curricular gaps
Visit to Orphanage	Bridging Social Aspects.
Blind C & Code Hunter Competition	Provides a platform to express Knowledge, explore ideas and compete.
Celebrations of "National Inventor Day" & "Engineer Day" by Poster Making Models Making ,Presentation Competition	Provides a platform to express Knowledge, explore ideas and compete.
Celebrations of International Women's Day	To recognized women's achievements without regard to divisions, whether national, ethnic, linguistic, cultural, economic or political.
Celebrations of "CSI Foundation Day" & "Teacher Day" by Web Einstein, Jumbled C, Sell Your Idea, Android master Competition	Provides a platform to express Knowledge, explore ideas and compete.

In respect to Department of Electronics and Telecommunication Engineering:

Significant Activities	Contribution
Guest Lecture on "HOW TO QUALIFY GATE"	Making students aware about GATE and motivating students to pursue higher education and
Guest Lecture on "C"Language	Bridging curricular gaps
Two days Training Program on SOLAR PANNEL DESIGN	Introducing students with the emerging opportunities solar energy technology
Techo Wall – Wall magazine	Bridging curricular gaps, Introduction to latest technologies and trends
Two days Workshop on Arduino and MATLAB	Bridging curricular gaps
Four days Workshop on EMBEDDED SYSTEM	Introducing students with the opportunities embedded system technology
Workshop on INDUSTRIAL AUTOMATION	Introducing students with the recent trends in industrial automation technology
Campus Recruitment Training	Training the students skills required for recruitment test
Mini Project Competition	Creating innovative abilities and motivating students to develop new hardware
Two days Workshop on Personality Development	Development of student's communication and presentation skills
Hobby Club	Introducing the basics of electronic component and practical skills to students Bridging curricular gaps
Expert Lectures	Bridging curricular gaps
Training Phase I on PG diploma course INDUSTRIAL AUTOMATION	Providing the training to students to acquire the required skills for placement in the industrial automation technology
Industrial Visit	Bridging curricular gaps
Guest lecture on" UNNAT MAHARASTRA ABHIYAAN JALYUKT SHIVAR"	Development of students as a Socially Responsible Citizen
Circuit Designing Competition	Bridging curricular gaps
Paper Presentation Competition Tech-Know docx	Bridging curricular gaps
Five day Workshop on Android Application Development	Introducing students with the latest technology
Two day Workshop on PCB Designing	Introducing the basics of PCB designing software and methods to students Bridging curricular gaps

In respect to Department of Information Technology:

Significant Activities	Contribution
Workshop on how to decide final year project	Organized one day workshop on “How to decide final year projects” for B.E. third year students. 29th July 2017.
Workshop on Resume Building and Research Paper Writing	Conducted one day workshop on resume writing and research paper writing for B. E final year students on 29th July 2017
Wall Magazine- Poster Competition	Organized wall magazine activity for poster presentation competition on 15th September 2017 under IEI student chapter.
Movie making competition	Arranged movie making competition on 15th September by IEI student chapter
Rangoli Competition	Organized an event Rangoli Competition under ACM and IEI student chapters on 15th September. The Theme of Rangoli competition was “ INDIA IN MY DREAM 2022 ”.
DIGITAL POSTER PRESENTATION	Organized Digital Poster presentation for students on the occasion of engineer’s day, 15th September. Topic of the digital poster presentation was “ HOW GADGETS CHANGED THE LIFE ”
Tree Plantation	Tree Plantation was organized on 23rd Sept 2017
Parents Meet	Parents Meet was organized on 19th August 2017
STTP on “Big Data and IoT Convergence”	Organized two weeks AICTE-ISTE approved Fresher program from 13th November to 21st November
Inauguration of Association for Computing Machinery (ACM) Student Chapter	Initialized ACM student Chapter and its Executive committee on 23rd September 2017.
One Day program on “Technical Presentation on Special Interest” 25th Sept 2017	Technical Presentation on Special Interests” on 25th Sept 2017 under ACM student chapter.
Workshop On Arduino, Linux, Python, PHP & MYSQL	Organized IIT Spoken Tutorial Training Session on Linux, Python, Php & MySql for second, third, and Final Year students respectively on 5th August 2017. Arduino training for Faculty Members was conducted on 6th August.
Two Day Workshop On “IOT Based Application Development on Android”	Organized two day’s Workshop on “IOT Based Application Development on Android” on 3rd & 4th Oct 2017 under ACM student Chapter.
Two Day Workshop on “Computer Hardware”.	Organized two day’s Workshop on “Computer Hardware” on 7th & 8th July 2017 as contents beyond syllabi. The Trainers for the course were Prof. R. M. Hushangabade, Prof. A. A. Gulhane, Prof. A. S. Mahalle, Prof. P. R. Nerkar, Prof. R. R. Papalkar & Prof. N. S. Wadhe
Teachers Day Celebration	On the occasion of Teacher’s day the students of the department organized a teacher’s day program for the faculty members of IT department on 5th September 2017.
Internship Drive	Pinnaculum Pvt. Ltd., Amravati conducted the industry internship drive on 8th July 2017. IBase Electrosoft LLP on 15th July 2017

Parents Meet	The parent meet was organized by the Department of Information Technology, PRMIT&R, Badnera on 24th Feb 2018
Flower Decoration & IT Showcase	organized Flower decoration & IT Showcase events under IEEE, IETE & IEI student chapters on the 24th Feb 2018
Industrial Tour for Third Year	Organized one day Industrial visit of B.E. third year students to Suryalakshmi Textile Pvt. Ltd. at Nandgoan Peth MIDC, Amravati on 24th March 2018 under IEI, IEEE student chapters.
Industrial Tour for Final Year	Industrial tour was taken from 10th December to 21st December 2017 . Visits were made to Industries like Juno Software Pvt. Ltd. (Software Development) and Pinaki Technologies Pvt. Ltd. (Software Development), Delhi was done well in advance. Students also visited the renowned industries at Chandigarh like Computer Care Pvt. Ltd, Star India Pvt. Ltd., IND Swift and INSAN Steels Pvt. Ltd.
Android workshop under IEEE	Organized workshop on “Android & How to make money” under IEEE student chapter on 9th & 10th March 2018 .
Farewell Function for Final Year Batch 2017-18	Organized Farewell function on 16th April 2018 for B. E. Final year students of batch 2014-2018
Japanese Visit	Professors from SGBAU and under this Technological collaboration five professors from Prof. Ram Meghe Institute of Technology & Research, Badnera visited IOT Japan in November 2017
Guests lectures & expert lectures	<ol style="list-style-type: none"> 1. The Department of Information Technology organized <i>induction Program</i> for B. E. Second Year by head of the department Dr. P. V. Ingole on 3rd July 2017. 2. The Department of Information Technology organized a guest lecture on “<i>GATE Awareness and preparation</i>” for B. E. third year students by GATE forum, Amravati on 11th July 2017. 3. The Department of Information Technology organized a guest lecture on “<i>project development and research</i>” by Mr. Shrikant Mehare research scholar from IIT Kharagpur for B. E. final Year on 12th July 2017. 4. The Department of Information Technology organized a guest lecture on “<i>Internet of things</i>” by Mr. M. D. Bharti, director Ibase Electrosoft LLP Amravati” for B. E. Second Year students on 15th July 2017. 5. The Department of Information Technology organized a guest lecture on “<i>Hadoop –Big Data Analytics</i>” by Mr. Shrikant Pande Director, Citronic solutions pvt. Ltd. And Mr. R. D. Tembey, director Teknikuckoo, President of alumni association GCOE, Amravati. For B. E. Final Year students on 22nd July 2017. 6. The Department of Information Technology organized a guest lecture on “<i>web designing</i>” by Mr. Suyesh Jawar Marketing Head Effigrity Solutions for B. E. third Year students on 31st July 2017. 7. The Department of Information Technology organized a expert lecture on “<i>Research methodology</i>” by Dr. P. V. Ingole for faculty members of the department on 5th Aug. 2017. 8. The Department of Information Technology organized a guest lecture on “<i>Importance of industry internship</i>” for B. E. third year students by Mr. Nikhil Shende, on 23rd Jan 2018. 9. The Department of Information Technology organized a guest lecture on “<i>Importance of industry internship</i>” for B. E. Second year students by Mr. Nikhil Shende, on 25th Jan 2018.

	<p>10. The Department of Information Technology organized a guest lecture on “<i>Employability Skill</i>” for B. E. Second year students by Mr. Dinesh Sonkusare, Director Pinnaculum info. Tech. Amravati, 3rd Feb 2018.</p> <p>11. The Department of Information Technology organized a guest lecture on “<i>Intellectual property rights & patenting</i>” for B. E. Second year students by Dr. Shashank Wekhande, CEO Avantgarde solution pvt. Ltd., Pune, 21st Feb 2018.</p> <p>12. The Department of Information Technology organized a guest lecture on “<i>Ethical Hacking and cyber security</i>” for B. E. Third year students by Mr. Ajinkya Lohkare Founder Social Spectra, Nashik, 5th March 2018.</p> <p>13. The Department of Information Technology organized a guest lecture on “<i>Higher Study Opportunities</i>” for B. E. Third year students by Mr. Prasad Nandurkar MS Electrical Engineering & Information Tech. (Germany) specialization power Engineering , system development and test engineer, Bomdardier PRIMOVE, GmvH, Mannheim, Germany, on 4th Jan 2018.</p>
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In respect to Department of Mechanical Engineering:

Significant Activities	Contribution
Techo Wall – Wall magazine	Bridging curricular gaps, Introduction to latest technologies and trends
Poster Competition	Development of Creative aspects of student personality.
Hobby Club	Social, Cultural, Creative and Academic development of students, Development of Interpersonal and Communication skills; Awareness about nature; Bridging curricular gaps
Expert Lectures	Bridging curricular gaps
Industrial Visits	Bridging curricular gaps
Industrial Training (in-plant training)	Bridging curricular gaps
Entrepreneurship Training	Bridging curricular gaps
Two day workshop on “Industrial Automation by Pneumatic & Hydraulics”	Bridging curricular gaps
GATE coaching in association with Vidyalkar Institute, Mumbai	Bridging curricular gaps
Paper Presentation Competition	Bridging curricular gaps
Two-day workshop on “Arduino”	Bridging curricular gaps
Workshop on “Combat Robots” (Rob war robots)	Bridging curricular gaps

In respect to Department of Management Studies (MBA):

Significant Activities	Contribution
AAROHAN-AN INDUCTION TRAINING PROGRAMME-To Get ready to kick start the journey Management Education	An Induction Training Programme helped the Budding Managers to acquaint themselves with Management Education environment.
Pre-Recruitment Programme for MBA II Year	This Programme prepared the Students of MBA II year to face the campus drives.
Communication Skill Practical Session for B.E.Students	Conducted Practical Sessions by the MBA Staff for B.E. Students for Communication Skill.
Mirror-Departmental Wall Magazine	Wall Magazine encouraged students to showcase their creativity in designing of Business Oriented ideas on canvas.
Expert Talk-Guest Lecture Series by Corporate Professionals	Throught the year, The expert from corporate houses are invited to deliver the Guest Lecture & Interact with students to make them aware about latest trends in Business sector.
Prayukti-Inter Collegiate Management Festival	Prayukti actively engaged students as Event Manager being organizer & motivates participants to showcase their talent in various management related sub-events.
B-Spark-Business Plan Competition.	This is Annual Technical Event at National level organize with a aim to develop & Motivate Budding Entrepreneurs in the region.

In respect to Post Graduate Department of Computer Application (MCA):

Significant Activities	Contribution
Technical Workshop	Development and implementation of technical skills
Technical Event –“Oculus-17”	Creative and Academic development of students, Development of Interpersonal , Communication ,organizational, Presentation skills
Wall Magazine	Awareness of latest technologies and trends ,development of creative skills and teamwork.
Guest Lecture	Bridging curricular gaps
STTP on Cyber Security	Update the knowledge of faculty and keep them abreast with new trends and technology
Induction Program	Orient the students to the new college environment
Pool Campus Drive	Placement opportunity for students
Programming Basics Course	Development and implementation of technical skills

SuperGeek Online Quiz Series	Social activity for other college students
MAH-MCA-CET Workshop at VYWS for graduation Students	Social activity for other college students
Technical Workshop & Test under spoken tutorials	Development and implementation of technical skills.

2.15 Plan of Action by IQAC/Outcome

In respect to Department of Civil Engineering:

Plan of Action	Achievements
<p>Goal: Improvement in student participation in Internship and Training.</p> <p>Plan of Action: Establishment of Training Cell Counseling sessions – Individual and Group</p>	<p>Significant improvement in number of students doing internship.</p>
<p>Goal: Improvement in In-Campus Student Placement</p> <p>Plan of Action: Visit to Industries Interaction with Industry Professionals about curriculum gaps Interaction with industries for Internships Student counseling Student awareness programs about realities of Job market and industry needs.</p>	<p>Faculty visited 12 industries and collected suggestions from industry. Based on feedback following strategies have been adopted.</p> <p>Campus Recruitment Training Program Expert Lectures by Industry Professionals Technical Training; Soft Skills Training Counseling; Awareness about Industry Needs</p>

In respect to Department of Computer Science and Engineering:

Plan of Action	Achievements
<p>Goal: Improvement in student participation in Internship and Training.</p> <p>Plan of Action: Counseling sessions – Individual and Group. Provide the Local Industry for the internship Training</p>	<p>Significant improvement in number of students attending internship.</p>
<p>Goal: Induction Program for Second and Third Year Students.</p> <p>Plan of Action: Visit to Industries Interaction with Industry Professionals about curriculum gaps Interaction with industries for Internships Student counseling</p>	<p>To integrate Second Year students into the Department and make them understand the systems and procedures followed by the Department.</p> <p>To Motivate, guide the third Year students in related to placement and make them industry ready.</p>
<p>Goal: Improvement in In-Campus Students placement.</p> <p>Plan of Action: Alumni Interaction. Interaction with industries for Internships Student counseling. Interaction With Placed Students. Student awareness programs about realities of Job market and industry needs.</p>	<p>Campus Recruitment Training Program Expert Lectures by Industry Professionals Technical Training, Soft Skills Training Counseling, Resume Writing, Email Writing, Mock Interviews, and Online Aptitude Test Awareness about Industry Needs</p>

In respect to Department of Electronics and Telecommunication Engineering:

Plan of Action	Achievements
<p>Goal: Introducing students to latest android programming</p> <p>Plan of Action: Organized Five day Workshop on Android Application Development</p>	<p>Students acquired basic android programming skills and four groups have uploaded their own android app. on Google Play Store</p>
<p>Goal: Introducing students to the area of industrial automation</p> <p>Plan of Action: Organized Workshop and Training on industrial automation</p>	<p>8 students are acquiring PG diploma in Industrial Automation from Prolific Systems and Technologies Pvt. Ltd. and will get assured placement assistant in related industries</p>
<p>Goal: Improvement in student participation in Internship and Training.</p> <p>Plan of Action: Establishment of Training Cell Counseling sessions – Individual and Group</p>	<p>Significant improvement in number of students doing internship. 35 students done Internship at reputed companies</p>
<p>Goal: Improvement in In-Campus Student Placement</p> <p>Plan of Action: Interaction with Industry Professionals about curriculum gaps Interaction with industries for Internships Student counseling about industry needs.</p>	<p>Based on feedback from various Industry Professionals following strategies have been adopted. Campus Recruitment Training Program Technical Training Soft Skills Training Awareness about Industry Needs</p>

In respect to Department of Information Technology:

Plan of Action	Achievements
<p>Goal: Develop Projects on Aurdino and Raspberry Pi Plan of Action: Third Year students from Sec-A and Sec-B in the group of 7-8 developed the projects based on Aurdino and Raspberry Pi kits available in the department.</p>	<p>Students of Third Year were made conversant with latest technology and developed different working models based on this controllers. This exercise will help the students during final year projects.</p>
<p>Goal: Delivering content beyond syllabus and bridging curriculum gaps Plan of Action: Organization of guest Lectures by Industry Experts, Alumni , etc.</p>	<p>Guest Lectures by Industry Expert / Alumni were organized.</p>
<p>Goal: To connect to Industry Plan of Action: MoU with the following industries Ibase Electrosoft Ltd, Amravati Udaradhi Technologies Pvt Ltd, Pune Pinnaculum Pvt Ltd, Amravati Ctronics Systems Ltd , Amravati Malaysian Slod state Science and Technology Society VisitfreshEnterprises , Amravati Bytron , Amravati</p>	<p>Significant improvement in number of students doing internship. Students get Technical Training Program and knowledge about current trends in IT Industry</p>
<p>Start ACM Student Chapter</p>	<p>Initialized ACM student Chapter and its Executive committee on 23rd September 2017.</p>
<p>Form IEEE student chapter</p>	<p>IEEE Student branch PRMIT&R started from 1st Jan 2018</p>

In respect to Department of Mechanical Engineering:

Plan of Action	Achievements
<p>Goal: Improvement in results.</p> <p>Plan of Action: Formation of Class Monitoring Committee Conducting Open Book Test</p>	Improvement in results and syllabus coverage.
<p>Goal: Increasing interaction of faculty with industry</p> <p>Plan of action: Scheduled industrial visits</p>	Faculty visited various industries and got industrial projects and consultancy work through the exposure to the industry.
<p>Goal: Improvement in In-Campus Student Placement</p> <p>Plan of Action: Interaction with industries for Internships' Student counseling. Campus Recruitment Training Program' Expert Lectures by Industry Professionals' Technical Training (in-plant & in-house) Soft Skills Training' Awareness about Industry Needs'</p>	Better opportunity of In-campus student placement.

In respect to Department of Management Studies (MBA):

Plan of Action	Achievement
Monitoring of Summer Internship Program(40 days)	01/06/2017 to 10/07/2018 : Bridging the gap between industry institute interface
AAROHAN- Induction training program for Fresher MBA (One week)	First week of August -2017: To Educate to fresher MBA about this PG course, how it's different than other PG courses?
Intensive Resume writing practice	Third week of August -2017 : Help for placement drive
Psychometric Test of each student through Outsource Agencies	Second Week of September t -2017 : Understand Skill sets of the students scientifically.
CNBA –Sessions (Current News Business Awareness)	Every alternate week for three hours /Batch : To create business awareness about what's happening in the present market , it's helps in improvement in placements
Computer Program of MS-Excel , MS –PPT and MS-Word	Every week for two hours/batch : Developed the computer literacy among the students.
Communication Skill Module	Every week for two hours/batch : Effective communication is need of today's business environment.
Group Discussion Module	Every week for two hours/batch : It's helps in improvement in placements
Personal Interview Module	Every week for two hours/batch : It's helps in improvement in placements
LEAD Program–Learn, Earn & Developed	Every week for two hours/batch : To assist to students stipendiary assistant program.

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Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	05	NIL	05	NIL
PG	13	NIL	13	NIL
UG	05	NIL	05	NIL
PG Diploma	NIL	NIL	NIL	NIL
Advanced Diploma	NIL	NIL	NIL	NIL
Diploma	NIL	NIL	NIL	NIL
Certificate	NIL	05*	NIL	05*
Others	NIL	NIL	NIL	NIL
Total	23	05	23	05
Interdisciplinary	NIL	NIL	NIL	NIL
Innovative	NIL	NIL	NIL	NIL

* → Under Pradhan Mantri Kaushal Vikas Yojna

1.2 (i) Flexibility of the Curriculum:– Core, Elective option, and Open options along with CGPA

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	05 (UG) + 13 (PG)
Trimester	--
Annual	05 (PhD)

1.3 Feedback from stakeholders* Alumni:- Parents:- Employers:- Students:-
(On all aspects)

Mode of feedback: Online:- Manual:- Co-operating schools (for PEI):-

**Please provide an analysis of the feedback in the Annexure*

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

CIVIL and CSE : NO revision/ update in syllabi for 2017-18
<p>ENTC: Yes</p> <ul style="list-style-type: none"> • New syllabus divided into three phases from which second year started in academic year 2017-2018 , third year will applicable in 2018-19 , and final year in 2019-2020. • Addition of 6 skill development lab starting from third semester to eight semester will provide basic knowledge of Measurements, Testing & Instrumentation , PCB Designing Methods , improve programing skills as well as focussing on web development technologies, it also explore various simulation tools , applications of microcontrollers in real world problem, real time operating systems etc. • Regrouping of subject in each semester considering hardware aspect, signal processing and communication based distribution • Inclusion of new professional electives considering the requirement of industry standard which provide prior knowledge to student about industry work culture
IT and Mechanical : NO revision/ update in syllabi for 2017-18
MBA and MCA : NO revision/ update in syllabi for 2017-18

1.5 Any new Department/Centre introduced during the year. If yes, give details.

<p>ENTC: Yes</p> <p>Department of Electronics and Telecommunication Engineering, PRMIT & R , Badnera Signed Memorandum of Understanding with Eduvance , The Educational Arm of Vanmat Technologies Pvt. Ltd In association With Sardar Patel Institute Of Technology Mumbai Setup an Embedded system Lab.</p>
<p>Mechanical : Yes</p> <p>Business Incubation Center Sanctioned by Ministry of MSME New Delhi</p>

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
127	67	32	26	02*

* System Manager, Student Counsellor

2.2 No. of permanent faculty with Ph.D. :-

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
117*	Nil	Nil	Nil	Nil	Nil	Nil	Nil	117	Nil

*On contract basis (Recruited before start of academic year)

2.4 No. of Guest and Visiting faculty and Temporary faculty:-

Guest faculty	Visiting faculty	No. Of Temporary
Nil	02	Nil

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	14	45	0
Presented papers	50	10	0
Resource Persons	05	01	0

2.6 Innovative processes adopted by the institution in Teaching and Learning:

<p>CSE:</p> <ul style="list-style-type: none"> • Moodle for flip classroom • Spoken Tutorial :- IIT Bombay Initiative for teaching advance technical skills online • MyExamo (Online Examination for GATE, Aptitude etc.)
<p>ENTC:</p> <ul style="list-style-type: none"> • Use of e-resources like e-books, Video Lectures, Animations etc. for effective illustration and understanding of the concept • Multiple Choice Questions • Seminars/ Workshops to deliver content beyond syllabus • Open Book Test and Role plays to enhance teaching learning process • Stress on self learning through seminars, workshops, quiz, group discussions, presentations etc. for enabling the students to understand the concepts in engineering and technology
<p>IT:</p> <ul style="list-style-type: none"> • Presentation /animation/videos are regularly being used apart from regular conventional black board method. • In practical session additional practical on Internet of Things and mini projects on various technical subjects are added for better learning. • Learning new technologies through IIT spoken tutorial and additional slot is added in regular timetable. • Practical evaluation by ACIPV format. A-Attendance C- Competency, I-Innovation P-Performance , V-Viva. Individual student is monitored using above format.
<p>Mech:</p> <ul style="list-style-type: none"> • Video lectures • Mini project • NPTEL lectures • Virtual lab • Implant & in-house training
<p>MBA:</p> <ul style="list-style-type: none"> • Case study / Case let Analysis Approach for each subject • Conduct Market Survey from students on basis of theoretical contents • Live Projects on Core subjects for period of 15 days • Presentation / Seminars on particular topics • Regular teaching through LCD projectors with internet connection to show live concept like functioning of Bombay stock Exchange
<p>MCA:</p> <ul style="list-style-type: none"> • Implementation of a Flipped Classroom activity through moodle courses on departmental moodle platform. • Assignment of user accounts to students in the computer laboratory • Time stamps on practical program outputs

2.7 Total No. of actual teaching days during this academic year:

189 days during academic year 2017-2018

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar_Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

<ul style="list-style-type: none"> As per SGBAU policy Online question paper delivery system and Online paper valuation. Open Book Examination Online Multiple Choice Questions for few subjects Quiz on various subjects containing Multiple Choice Questions are prepared and uploaded on departmental moodle website for students.
<p>MBA :</p> <ul style="list-style-type: none"> Separate Passing of External and Internal Evaluation(70:30) along with 50% passing Pre and Post Mid Test carry's weight age of 20% (combination of theoretical question, Situation based or Case study based Test) Assignment in written and in presentation form

2.9 No. of faculty members involved in curriculum restructuring /revision /syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

Board of Study	Board of Faculty	Curriculum Development Workshop
14	13	05

2.10 Average percentage of attendance of students: -

2.11 Course/Programme wise distribution of pass percentage:

For Academic Year 2017-18:

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B.E. (Civil)	224	77.23	18.30	00.00	00.00	95.53
B.E. (CSE)	214	21.50	73.83	00.00	00.00	95.33
B.E. (ENTC)	224	33.93	43.30	00.00	00.00	77.23
B.E. (IT)	125	35.20	56.00	00.80	00.00	92.00
B.E. (Mech)	220	13.18	76.82	00.00	00.00	90.00
M.E. (Environ.)	02	100.00	00.00	00.00	00.00	100.00
M.E. (Struct.)	09	100.00	00.00	00.00	00.00	100.00
M.E. (CSE)	23	13.04	56.52	00.00	00.00	69.56
M.E. (Dig. Elex)	05	00.00	20.00	00.00	00.00	20.00
M.E. (Extc)	11	00.00	00.00	00.00	00.00	00.00
M.E. (IT)	00	-	-	-	-	-
M.E. (CAD/CAM)	08	00.00	75.00	00.00	00.00	75.00
M.E. (Thermal)	06	00.00	83.33	00.00	00.00	83.33
M.E. (Prod.Tech)	03	00.00	33.33	00.00	00.00	33.33
MBA#	52	64.00	02.00	00.00	00.00	66.00
MCA~	23	00.00	39.13	17.39	00.00	56.52

- # Based on THIRD Semester results as FOURTH Semester results are awaited.
 ~ Based on FIFTH Semester results as SIXTH Semester results are awaited.

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

- IQAC ensures preparation of academic calendar and activity planner before commencement of academic year
- IQAC monitors the conduction of regular theory and practical, syllabus completion and internal assessment mechanisms on regular basis
- IQAC keep track of execution all academic activities mentioned in the academic calendar
- IQAC seeks regular feedback from departmental DAC Committee to evaluate students progress in terms of university results, performance in class tests, execution of final projects, attendance and satisfaction of course outcomes(COs)
- IQAC conducts regular survey from the stakeholders (Students, Faculty, Alumni, Employers, Institutes of higher education, Campus recruiters and Parents) so as to provide appropriate corrective actions to satisfy the programme outcomes(POs) and PEOs
- IQAC also monitors participation of students in various co-curricular and extra co-curricular activities
- IQAC contributes by suggesting better evaluation techniques to the department for continuous improvement in assessment and evaluation
- IQAC through its meeting discuss the performance of various programmes on regular basis and suggest remedial actions if required
- IQAC conducts academic and administrative audit for each academic year
- IQAC through Institutes research and consultancy and entrepreneurship cell encourages the research and entrepreneurship development environment by conducting seminars/workshops and encouraging faculty & students for active participations.

2.13 Initiatives undertaken towards faculty development :-

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	07
UGC – Faculty Improvement Programme	38
HRD programmes	01
Orientation programmes	36
Faculty exchange programme	01
Staff training conducted by the university/Institution	35
Staff training conducted by other institutions	25
Summer / Winter schools, Workshops, etc.	84
Others	114

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	33	NIL	NIL	NIL
Technical Staff	55	NIL	NIL	NIL
Supporting Staff	70	NIL	NIL	NIL

Criterion – III**3. Research, Consultancy and Extension****3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution**

- IQAC through the departments promotes faculties as well as students to apply for major and minor research projects
- The Institute provides grants for student projects on recommendation of Research Promotion Cell
- Organization of innovative product competition and project competition and encouraging students to participate in similar events conducted by other organizations
- IQAC through the Research Promotion Cell conducts invited lectures for promoting research climate amongst its fraternity
- Encouraged students to participate in start up idea competitions
- As an Institutional policy, all financial expenses for filing patents are borne by the institute.
- A team of 5 members from PRMITR visited Monotsukuri University, Tokyo, as a part of MoU under exchange of academic and research faculty
- Received a grant of 25lacs in Academic year 2017-18 from AICTE under MODROB, FDP & Seminar Grant.
- Participation in one day G2K Seminar on “Armament Research and Development Avenues for Institutes and Industries”
- Participation in One day Seminar on “Millennium Alliance-An Innovation Participation for Global Development” organized by FICCI and USAID
- Participated in SGB Amravati University organized STARTUP India 2018 project competition and five groups of various departments received a price of Rs.10000 /- & Rs.5000 /-
- Submitted 19 proposals under scheme of AQIS of AICTE amounting Rs.1, 73, 74236 /- for the academic year 2017-18.
- Submitted 06 proposals under SERB-EMR costing Rs.2,30,40643 /- for academic year 2017-18
- Submitted proposal under SERB-ECR costing Rs.2500000 /-
- Submitted a proposal under FIST of Rs.1, 90, 32666 /- governed by DST-GOI.

3.2 Details regarding major projects (Yr 2017-18)

	Completed	Ongoing	Sanctioned	Submitted
Number	4	02	-	-
Outlay in Rs. Lakhs	14.11	0.9	-	-

3.3 Details regarding minor projects (Yr 2017-18)

	Completed	Ongoing	Sanctioned	Submitted
Number	6	-	-	-
Outlay in Rs. Lakhs	3.94	-	-	-

3.4 Details on research publications (Yr 2017-18)

	International	National	Others
Peer Review Journals	38	-	-
Non-Peer Review Journals	11	-	-
e-Journals	75	-	-
Conference proceedings	42	01	-

3.5 Details on Impact factor of publications:

Department	Range	Average	h-index (Since 2013)	Nos. in SCOPUS
Civil	3.00 to 4.00	3.55	4*	04
CSE	2.50 to 5.94	4.20	1.7*	NIL
ENTC	0.60 to 3.80	0.84	1.5*	NIL
IT	0.70 to 5.97	3.35	2.8*	01
MECH	0.60 to 5.00	1.75	03*	04
MBA	3.11 to 5.97	4.76	NIL	NIL
MCA	0 to 2.87	2.87	NIL	NIL
First Year Engg	0 to 6.38	3.85	1.08*	04

* Above h index is average of h-indexes of all the faculties who have published papers during academic year 2017-2018 only

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	1 Yr	PRMITR,Badnera	9,52,450	5,13,200
Minor Projects	-	-	-	-
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	1 Yr (CSE)	PRMITR,Badnera	30,527	30,527
	1 Yr (ENTC)	PRMITR,Badnera	35,600	35,600
	1 Yr (MECH)	PRMITR,Badnera	1,47,450	1,47,014
Students research projects <i>(other than compulsory by the University)</i>	1 Yr	PRMITR,Badnera	1,25,705	1,00,000
Any other(Specify)	-	-	-	-
Total	--	--	12,91,732	8,26,341

3.7 No. of books published

- i) With ISBN No. :- Chapters in Edited Books: -
- ii) Without ISBN No.: Chapters in Edited Books: -

3.8 No. of University Departments receiving funds from --NA--

- i) UGC-SAP ii) CAS iii) DST-FIST
- iv) DPE v) DBT Scheme/funds

3.9 For colleges

- Autonomy :- CPE :- DBT Star Scheme :- INSPIRE :-
- CE :- Any Other (specify) :- 02

- 3.99L for FDP from AICTE
- 66.26L for Business Incubation Centre from MSME (Institute level)

3.10 Revenue generated through consultancy:

3.11 No. of conferences organized by the Institution (Yr 2017-18)

Level	International	National	State	University	College
Number	0	0	0	0	0
Sponsoring agencies	--	--	--	--	--

3.12 No. of faculty served as experts, chairpersons or resource persons:

3.13 No. of collaborations

International	National	Any other
00	15	00

3.14 No. of linkages created during this year :-

3.15 Total budget for research for current year in lakhs:

From Funding agency	From Management of University/College	Total
NIL	25.00	25.00

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	14
	Granted	00
International	Applied	00
	Granted	00
Commercialised	Applied	00
	Granted	00

3.17 No. of research awards/ recognitions received by faculty and research fellows of the institute in the year

Total	International	National	State	University	Dist	College
02	-	02	--	-	--	--

3.18 No. of faculty from the Institution who are Ph. D. Guides and students registered under them

No of Ph.D. Guides	No. of Students registered under them
Civil: 02	08
CSE: 04	08
ENTC: 04	11
IT: 02	12
MECH: 11	41
First Yr: 04	03
Total :- 28	Total Students:- 83

3.19 No. of Ph.D. awarded by faculty from the Institution: -

14

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF	SRF	Project Fellows	Any other
0	0	0	0

3.21 No. of students Participated in NSS events:

University level	State level	National level	International level
200	Nil	Nil	Nil

3.22 No. of students participated in NCC events:

University level	State level	National level	International level
Nil	Nil	Nil	Nil

3.23 No. of Awards won in NSS:

University level	State level	National level	International level
01	Nil	01	Nil

3.24 No. of Awards won in NCC:

University level	State level	National level	International level
Nil	Nil	Nil	Nil

3.25 No. of Extension activities organized

University forum	College forum	NCC	NSS	Any Other
Nil	03	Nil	11	06

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

<p>NSS:</p> <ul style="list-style-type: none"> • Traffic Awareness Program as a part of “Rasta Suraksha Abhiyaan”. • Blood , ECG, Lipid Profile Check –up camp, • Drawing sheets distribution to Blind students for writing "BRAILL LIPI" • Footwear distribution to all needy Students of Ashramshala • Mega Blood Donation Camp • Participation of Staff & Volunteers in Women's Safety Awareness Program • Cleanliness Program as Part of 'SWACHH BHARAT AABHIYAAN' • Organ Donation Awareness Program • Tree Plantation • Naturopathy Awareness Program by Dr. Vilas Patil & Dr. Yogesh Ukey • Construction of Weir.

<p>CIVIL:</p> <ul style="list-style-type: none">• CTARA, IIT-B & the Unnat Maharashtra Abhiyan (UMA) of the directorate of technical education, are organising Jalyukta Shivar Assessment report submitted. We check the increase in GWT or not. This was this was third party assessment work.• Third party assessment of rural water supply schemes under UMA. The two schemes assessed were: 1) RWS, Loni, Tq. Warud Dist. Amravati and 2) RWS Deomali, Tq. Achalpur Dist. Amravati.
<p>MECH:</p> <ul style="list-style-type: none">• Nirmalya Sankalan (Collection & processing of Nirmalya during Ganpati Festival)• Vihang (Distribution of earthen water pots for birds)
<p>MBA:</p> <ul style="list-style-type: none">• Educational Institute Social Responsibility activity organized on 25th September 2017 “Residential School” at Bahilolpur which is run by V.Y.W. Society Amravati.
<p>MCA:</p> <ul style="list-style-type: none">• CET Entrance Exam training Course during 3 February 2018 to 24 February 2018 on every Saturday.
<p>First Year Engg:</p> <ul style="list-style-type: none">• Road safety awareness program organised• Counselling to Ashram school students at Bahilolpur near Badnera.• Medicines & Fruits provided to old-age home.

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	13.24 Acres	-	-	13.24 Acres
Classrooms	42	-	-	42
Laboratories	51	-		51
Seminar Halls	07	-	-	07
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	38	08	-	-
Value of the equipment purchased during the year (Rs. in Lakhs)	103.6	25.23	-	-
Others:				
Canteen	01	-		01
Department of Physical Education	01	-		01
Library	01	-	Ministry of	01
Open Air theatre	01	-	MSME	01
Business Incubation Centre	00	01	New Delhi	01

4.2 Computerization of administration and library

- ERP System for Academic and Administrative coherence is available. Institute has developed a customized ERP system capable of integrating all information related to students, faculty, finance academics etc.
- Academic ERP software is installed throughout the campus to collect data. The data regarding student performance activities is collected from faculty members and recorded online in ERP.
- Library automation: Libsys-4 (Rel- 5.7-2) under windows NT/2003 along with web OPAC.
- Dedicated 20 machines for digital database access and internet are available in Digital Library Section. Also the access of e-resources is also available in Departmental Library through campus LAN
- OPAC: - With the help of Server based Libsys Software we provide OPAC service for searching the books by Author, Title, and Subject. Similarly OPAC handles “Finding a Book” query by providing the Accession No., call no. of the books along with its location.
- Bar code based automation of Library is in regular practice
- Internet band width/ speed: -BSNL Broadband Leased Lines : 03 separate (Total = 10+20+50 Mbps)
- Institutional Repository and Content management system for e-learning:- The main server for NPTEL in library is maintained to provision this facility. Similarly, users can access through Intra-net Server in the college campus. High Speed Document Scanner for scan any document.
- Participation in Resource sharing networks: - DELNET is used as a resource sharing network.
- WiFi enabled library and CTV surveillance installed in library

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	73587	17170903	1976	8,19,426	75563	17990329
Reference Books	2048	18,46,756	25	1,53,242	2073	20,00,000
e-Books	954	11,500	954	11,500	954	11,500
Journals	Yearly Sub.	21,48,208	129	1,52,675	Yearly Sub.	23,00,883
e-Journals	Yearly Sub.	11999238	1424	5,72,974	Yearly Sub.	1,25,72,212
Digital Database	129	50,000	--	--	129	50,000
CD & Video	110	50,000	--	--	110	50,000
Others (specify)						

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	832	17	80 Mbps	01	02	01	08	06
Added	55	5	20 Mbps	01	-	-	-	-
Total	887	22	100Mbps	02 *	02	01	08	06#

* Apart from dedicated browsing centres the institute has started the work for providing Wi-Fi enabled campus. Also Browsing services can also be availed in departmental labs.

includes T&P, Library, Sports, Maintenance (Estate Office), Research Cell and IQAC office.

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

- A workshop on “Android Application Development” was organized for Second year students of ENTC department
- A workshop on Python was organized for Third year students of ENTC department
- Hardware and networking workshop is conducted every year by internal faculty members for students as well as for technical staff by IT department.
- Short term training programme approved by AICTE-ISTE on “Cyber Security and Advanced Ethical Hacking” during 12th Dec 2017 to 16th Dec 2017.
- One week workshop on “Android Application Development” for MCA III year students
- “Android Application Development” workshop for MCA I and MCA II year students
- Spoken tutorial Workshops and Tests conducted by IITB on Python and Drupal

- CSI (Computer Society of India) Student's Chapter has organized following workshops
 - PHP With MySQL (01 Day)
 - Big Data & Hadoop (03 Days)
 - Internet of Things (IoT) (08 Days)
 - Multimedia & Web Designing (01 Day)
 - Real Time Web Based Application Development (02 Days)
 - Advanced Embedded System (01 Day)
 - Arduino UNO (01 Day)

4.6 Amount spent on maintenance in lakhs:

i) ICT	:	23.74
ii) Campus Infrastructure and facilities	:	57.37
iii) Equipments	:	10.80
iv) Others	:	04.38
Total	:	96.29

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- Updates on notice board and college website to ensure active participation of students in various activities such as Campus recruitment, Training for competitive exams, career guidance etc.
- Creating awareness amongst students regarding various government scholarship and free-ship schemes
- MOUs with NGOs such as Leela Poonawala Foundation for Scholarship to girls from economically backward section.
- Creating awareness about Institutional Scholarship to meritorious students
- Providing necessary support to needy students for availing financial aid
- Institutional counsellor for student counselling
- Teacher Guardian scheme for student counselling as well as career guidance
- Promoting sports and cultural activities by active participation in different Games and Sports and Cultural Festivals.
- Felicitation of achievers in academics ,sports and other activities to create awareness
- Suggestion boxes are available with each department to address student grievances, if any. These suggestions and complaints are handled at appropriate level for their speedy resolution
- Similarly, for girl students, a separate women grievance committee functions under the professor rank lady faculty member and other senior members
- Providing wide publicity to activities undertaken by students so as to enhance awareness
- NSS activities create awareness amongst students related to environment, social cause, team spirit, ethics, etc.
- Conduction of gender sensitisation programmes through Women Cell
- Conducting Entrepreneur awareness programmes through Entrepreneurship Cell
- Interaction between alumni and students
- Enabling students to organize and participate in various events such as project exhibitions, student chapter events etc.
- Wide coverage to Anti-ragging provisions of government

5.2 Efforts made by the institution for tracking the progression

- Assessment reports of Accreditation bodies like NAAC and NBA are discussed in details at different levels of administration so as to initiate corrective measures
- Institute Academic Council and IQAC deals with suggesting various corrective actions/ new initiatives so as to enhance student progression.
- All Departments have DAAC committee to evaluate each parameter of student performance through their results & various feedback surveys. It also takes necessary corrective action.
- All departments including Training & Placement have the mechanism to take feedbacks from students, faculty, alumni, parents and employers. In addition to the feedbacks, the Institute seeks data through personal interaction with alumni in annual meeting as well as interaction with industry personnel during campus drives. Data is also sought from the individual departments through the well defined various feedback forms. The feedback is compiled & analyzed, as required corrective actions are taken with due diligence at high level of administration.
- T & P department generates an annual report so that necessary initiatives can be undertaken so as to enhance support mechanism for training and student placement
- All departments are implementing teacher guardian scheme. Under this scheme, 20 students are allotted to individual teacher who mentors the students' activities. These students are free to interact with their mentor for issues ranging from career guidance to personal grievances
- Monitoring co-curricular and extracurricular activities of students by class teachers and teacher guardian

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
3673	388	83	195

(b) No. of students outside the state:

(c) No. of international students:

Men

Number	Percentage
2488	61.27

Women

Number	Percentage
1573	38.73

Last Year (2016-17)						This Year (2017-18)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
809	630	71	2564	01	4075	779	618	67	2596	01	4061

Demand ratio: -

Dropout %: -

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

MYEXAMO PORTAL FOR COMPETITIVE EXAMS: A Web Based Portal for Online Aptitude & Technical Tests. The Portal provides the feasibility for conduction of online test & allows the faculty to upload the test as well as refer the 5,000 questions from the Online database for creating the test on the portal. The portal provides the students with real time environment of the online test. Negative Marking and random display of questions are some features of the portal. Through this portal various aptitudes, technical, English & GATE Mock test are conducted

SPOKEN TUTORIAL: The Spoken Tutorial project is the initiative of the ‘Talk to a Teacher’ activity of the National Mission on Education through Information and Communication Technology (ICT), launched by the Ministry of Human Resources and Development, Government of India. The use of spoken tutorials to popularize software development and its use will be coordinated through this website. (The Spoken Tutorial project is being developed by IIT Bombay for MHRD, Government of India) IIT Bombay conducts software training workshops using spoken tutorials and give certificates to those who pass an online test. Various courses such as Linux, Python, PHP-MySQL, BOSS-Linux and Java are conducted.

Guidance classes for GATE Exams by external agency to create awareness amongst students. Similarly, faculties provide practice questions for GATE, related to their subjects/ courses. Also solution sets for earlier GATE examination are provided. Recently, Mechanical Engg. Department has started conducting GATE classes in collaboration with Vidyalkar institute, Mumbai.

Seminars on Information and awareness of GATE and other competitive examination are regularly conducted by experts. Career guidance program workshop on Higher studies outside India are conducted on regular basis

Campus Recruitment Training Program and Soft skill development programmes are conducted through Training & Placement department. In addition to this AMCAT Online Test and Cocubes Pre Assessment Test are conducted by T&P cell.

No. of students beneficiaries:- 3543

5.5 No. of students qualified in these examinations

NET	-	SET/SLET	-	GATE	28	CAT	01
IAS/IPS etc	-	State PSC	12	UPSC	-	Others	09

5.6 Details of student counselling and career guidance

Student Counselling : Formation of various committees & their responsibilities

Sr.No.	Name of the committee	Remark
1	Parents Meet	1. Conduct of Parent's meet in each semester 2. Evaluation of parent's feedback
2	Guardian Scheme	1. Two meetings each semester 2. Group of 15-20 students is allotted to particular faculties, asked to carry out individual counselling of such students 3. Teacher guardians are always in contact with students & counsel them regarding academic & other students related issues
3	Students Advisory Committee	1. Two meetings each semester 2. Group of five students of each class is selected as member of Advisory Committee, Students feedback is disused with Head of Department.
4	Mentor / Peer Learning Scheme	1. Two meetings each semester 2. Peer teaching is a method by which one student teaches and shares his/her knowledge with his/her peers.

Career guidance

The Departments of Institute very effectively render the information regarding career planning to the students, through Departmental Training and Placement Cell and through other similar activities of the department. This helps the students in deciding the gray areas those need improvement. The aptitude of the students is also reflected in this process. With these inputs, the department continuously helps the students in proper planning of their career.

Following activities are conducted every year by this cell:

- Conducting a self assessment seminar for students.
- Guidance for choosing proper career.
- Personal counselling for opportunities of higher studies in India and abroad.
- Seminar and Coaching for GATE.
- Informative seminar about MBA entrance exams and coaching facilities.
- Seminar on Higher education abroad, by various expert agencies.
- Online Test through MyExamo Portal for aptitude
- Resume Writing, Mock Interview,

Following activities are conducted every year by Department (Apart from activities of T & P Cell)

- Conducting guest lecture for career prospective and personality development.
- Conducting extensive training to enhance soft skills
- Conducting extensive training to enhance additional technical skills (Skill set) so as to provide them a better opportunity during placement.

- Conducting expert lecture/Seminar/Workshops to apprise the students about various Government Schemes for skill development, entrepreneurship development, Start-ups etc.
- The students from Vernacular Background opting for specialization especially in MBA department face difficulties. Such Students are counseled by their respective Teacher Guardians.
- Students are counselled for Internship Programmes so as to achieve active participation.

First Year Engg:

- Teacher Guardian scheme: Teacher guardian scheme is introduced to bridge the gap between the students and the teacher and to impart a friendly touch to the learning process. For each section, 3 teachers are appointed as faculty advisors. Each faculty advisor is assigned with nearly 22 students. The students can discuss freely their problems regarding the academics and sometimes even personal. The students are encouraged by the faculty advisor to improve upon by hard work and corrective guidance. The parents are also assured that their wards are under absolute regular supervision and continuous guidance. Performance of the students is communicated to the parents. Apart from faculty advisors the class teachers also play an important role in proper guidance of students.
- Counselling of students for CAP process: A facilitation centre is set up in the college to provide all necessary information regarding the admission and form filling process for the aspirants seeking admissions to the first year and direct second year in various courses of the institutions. Each and every information regarding eligibility criteria, form-filling, CAP rounds etc. Is provided free of cost to the students. The faculties of the college also provide assistance to the needy students to fill up the online forms and scanning their required documents.

No. of students benefitted:

5.7 Details of campus placement

<i>On campus</i>		<i>Off Campus</i>	
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
73	683	272	42

5.8 Details of gender sensitization programmes

- One day workshop on “Empowering Women, Empowering Humanity” held on 8th March 2018 organized by the Department of Computer Science & Engineering with Nirbhaya Foundation Amravati.
- One Day Workshop on “Encouragement of Girl Students for Skilled Work in Industry” under ‘Mahila’ Industrial Development Programme held on 12th March 2018 by MIDC, Amravati.

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level	282	National level	01	International level	00
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No. of students participated in cultural events

State/ University level	40	National level	02	International level	00
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No. of students participated in other events

State/ University level	343	National level	401	International level	00
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5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports:

State/ University level	00	National level	00	International level	00
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Cultural:

State/ University level	00	National level	00	International level	00
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Other events

State/ University level	16	National level	138	International level	00
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5.10 Scholarships and Financial Support in Lakhs

	Number of students	Amount (In Lakhs)
Financial support from institution	41	12.78
Financial support from government	1694	1789.48
Financial support from other sources	50	17.20
Number of students who received International/ National recognitions	04	0.24

5.11 Student organised / initiatives

Fairs:

State/ University level	1	National level	0	International level	--
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Exhibition:

State/ University level	--	National level	1	International level	--
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5.12 No. of social initiatives undertaken by the students : - **02**

5.13 Major grievances of students (if any) redressed:- **NIL**

Criterion – VI Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

VISION OF THE INSTITUTE <i>To become a pace-setting Centre of Excellence believing in three Universal values namely Synergy, Trust and Passion, with zeal to serve the Nation in the Global scenario</i>
MISSION OF THE INSTITUTE <i>To dedicate ourselves to the highest standard of technical education research in core & emerging engineering disciplines and strive for the overall personality development of students so as to nurture not only quintessential technocrats but also responsible citizens</i> Following are the Distinctive Characteristics of MISSION : <ul style="list-style-type: none">• Commitment to achieve the highest standard in imparting technical education• Commitment to undertake the research of social values and national interests• Commitment to develop and nurture technical qualities amongst the students• Commitment for overall personality development of the students• Commitment to make the students into responsible citizens.

6.2 Does the Institution has a management Information System

Yes, The Institute has a customized ERP system capable of integrating all information related to students, faculty, finance academics etc.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

- Curriculum development is an unending continuous process. Faculty members are involved in course restructuring and revision committees constituted by SGB Amravati University
- Feedback from many stakeholders such as Industry representatives, renowned academicians, students and Alumni is taken into consideration for adding new technologies in curriculum.
- Recently in line with policies of GOI, Skill Development Labs have been introduced from III to VIII Semester for department of ENTC engineering.
- Professional Electives as suggested by industry has also been incorporated in revised syllabi.
- Curriculum development workshop and short term training programmes are conducted to acquaint faculties with latest trends and Industry requirement
- Case studies, situation based studies and numerical methodology introduced in MBA
- Suggesting suitable amendments in curriculum to BOS of different programmes
- Identification of curriculum gap through interaction with stake holders and annual assessment
- Filling the curriculum gap by delivering content beyond syllabus through guest/expert lectures, seminars/webinars, workshops etc.

6.3.2 Teaching and Learning

- Tutorials are conducted in small groups of students so as to provide them an opportunity to clarify their concepts and solve their subject related queries.
- Mentoring system to help students at individual level: This caters the need of personal queries, encouragement for participation in personality building activities, and professional guidance.
- Continuous feedback from students: The feedback is analyzed on the basis of 13 point parameters. This feedback after analysis is used to fine tune the teaching learning process
- Scope for self-learning: Activities of professional student chapters (ACM, IEEE , IE(I),ISTE, IETE, MESA, CSI), offering interdisciplinary elective subjects, Industrial visits, participation in technical expositions organized by industrial forums and renowned institutions like IIT Bombay aid self learning process amongst students
- Expert lectures by industry personnel, distinguished academicians and alumni of the institute, mini project at pre-final year, Student seminar, Technical workshops etc. are some of the strategies adopted to improve teaching learning process
- Inclusion of IIT spoken tutorials on new technologies and online test in academic plan
- Identification of weaker students through set performance parameters and conduction of Remedial classes and laboratory sessions for such weaker students
- The Institute has a collaborative arrangement with IIT Powai and IIT Kharagpur whereby workshops/STTPs are conducted regularly. The beyond syllabus need of students is catered with NPTEL video tutorials. Students are exposed to industries through programs such as, TCS Code – vita KPIT Sparkle, MCAT etc.
- Maintaining lesson delivery and execution plan by each faculty
- Encouraging Group discussion on related topics, Seminars by students on current trends in engineering and technology, Cue cards method, learning through MOODLE/MOOC are few such strategies adopted
- Conducting Surveys and Live projects of the industries (Industry –Institute –Interface) are followed in MBA
- Organisation of STTP/ FDP/ Workshops for the faculty members to improve and update their knowledge and skills.
- Implementation of Innovative methods for improving quality of teaching and learning process such as flipped classroom, assignment of user accounts, use of timestamp on practical program outputs etc.
- Peer to Peer learning

6.3.3 Examination and Evaluation

- MCQ Test through MOODLE Platform so as to analyse student learning quotient
- Phase wise evaluation of final year project work for internal assessment
- Outcome based assessment of final year project work by external examiner
- Continuous outcome based internal assessment through Unit test and Remedial test, Assignments, Seminars/ Presentations etc.
- Identification of the students as per KSA approach (Knowledge: Skill: Attitude) for handling the particular Job /task /portfolio
- Outcome based evaluation of Guest lecture/ Workshops/ STTP and FDP etc.

6.3.4 Research and Development

- Departments are encourage to identify thrust research areas of research and submit proposals to funding agencies such as AICTE, UGC, SERB, DST, DRDO, etc.
- Quality enhancement of UG & PG projects to satisfy local requirements as well as social requirements.
- Encouraging students and faculties to file patents through Institute's IPR Cell
- Enhancing International exposure to faculties so as to explore latest trends in the field of science and technology by providing financial support to visit foreign countries and thus helping to improve research & development environment
- Time to time upgradation of research Labs
- Encouraging students to work on Industry sponsored/driven projects by liaison with industries
- To improve quality of Publications by students and faculties
- Involving alumni so as to enhance research activities
- Product development strategy to encourage product development.
- Research promotion by conducting expert lectures through Research Promotion Cell

6.3.5 Library, ICT and physical infrastructure / instrumentation

- Increasing number of Titles related to different disciplines on yearly basis
- All faculty & almost 80% of students are registered on the National Digital Library (NDL) portal which provides vast scope for research work
- Introduction of New Digital Current Awareness Service provides scanned "Content Pages" of all the latest National and International Journals (Branch-wise) thus enabling ready reference for research work to the faculty
- Improvement in OPAC services allows students and faculty to do fast searching through use of important contents / keywords of text books/ reference books
- To establish Wi-Fi enabled campus
- Online course material is made available through MOODLE
- Online examinations for aptitude development and spoken tutorial for technical skill development
- NPTEL (National Programme on Technology Enhanced Learning) is a joint initiative of the IITs and IISc. Through this initiative, we offer online courses and certification in various topics to our students
- Collaborative arrangement with Institutes of National importance like IIT Powai, IIT Kharagpur etc. for conducting online workshops/FDPs
- Identifying funding agencies and submitting proposals for modernization and removal of obsolescence
- Phase wise removal of obsolescence (old equipment) in accordance with institute budgetary provisions

6.3.6 Human Resource Management

- Adhering to the principle of participative management, deans have been nominated to look after various portfolios for administrative convenience.
- Maintaining Gender Equity for women in leadership positions
- Organising training workshops for faculties as well as non-teaching staff for career improvement at Institute level
- Sponsoring faculties for attending seminar/ workshops/ STTP/ FDP/ Conferences/ Technology summit and for Foreign collaboration
- Medical facility and medical insurance is provided

6.3.7 Faculty and Staff recruitment

- Conduction of written test for screening of candidates and Interviews prior to recruitment
- Provision of providing due consideration for previous experience (Industry/Other Organisation) in the field during recruitment
- Maintaining Gender Equity for women in leadership positions
- Compassionate employment in event of demise of employee while in service

6.3.8 Industry Interaction / Collaboration

- Institute Level MoU with **MITCON & Lemon School of Entrepreneurship, Nagpur:-** Entrepreneurship development programme for students and faculty of all departments was organized under this MoU

CSE:

- MoU with **Udaradhi Technologies Pvt Ltd., Pune:-** Two Days workshop on Real Time Web Based Application Development was conducted under this MoU
- MoU with **iBase Electrosoft Amravati:-** Two Sessions of Four Days workshop on Internet of Things was conducted under this MoU
- MoU with **Poornadwait Solutions Pvt.Ltd, Amravati:-** Provision of Internship for 25 Third Year Students was made under this MoU
- MoU with **ARTech Electronics Solution Provider Amravati:-** One Day Workshop for faculty was conducted under this MoU. Similarly, Industry Visit for Second Year Students was arranged through this MoU

ENTC:

- MoU with **KPIT Pune:-** Industry specific training for Third and Final year students on 'Automotive Electronics' was conducted within the campus
- MOU with **ISTC Pune:-** Selected students of Third Year have undertaken Internship of 3-4 weeks under this MoU.
- MoU with **Coppertrack Industries Nashik:-** Students of Second Year were provided PCB designing training along with Industrial Visit under this MoU
- MoU with **Prolific Systems Pune:-** Workshop for students on 'Embedded Systems and Industrial Automation' were organized under this MoU

IT:

- MoU with **Ibase Electrosoft Ltd, Amravati** – A Guest Lecture was organized on “*Internet of things*” by director Ibase Electrosoft LLP Amravati” for B. E. Second Year students under this MoU. Similarly, IBase Electrosoft LLP Internship drive was conducted on 15th July 2017 and 8 Students developed project under IBase Electronics
- MoU with **Pinnaculum Pvt Ltd, Amravati**: - Organized a guest lecture on “*Employability Skill*” for B. E. Second year students by Mr. Dinesh Sonkusare, Director Pinnaculum info. Tech. Amravati, under this MoU. Similarly, Internship drive was conducted on 5th feb 2018 and 48 students developed projects under Pinnaculum info. Tech
- MoU with **Ctronics Systems Ltd , Amravati** : - Organized a guest lecture on “*Hadoop –Big Data Analytics*” by Mr. Shrikant Pande Director, Citronic solutions pvt. Ltd. And Mr. R. D. Tembey, director Teknikuckoo, President of alumni association GCOE, Amravati. for B. E. Final Year students , under this MoU.
- MoU with **Malaysian Slod state Science and Technology Society**
- MoU with **VisitfreshEnterprises , Amravati** :- Organized a guest lecture on “*web designing*” by Mr. Suyesh Janwar Director, Visitfresh Pvt Ltd. for B. E. third Year students under this MoU.
- MoU with **Bytron , Amravati** :- 4 students developed projects under Bytron , Amravati

Mech

- MOUs with **IGTR, DCS, Sengar Industries, Jadhoo Icon & Still, Sk Agrotech & MGIRI**. Various Guest lectures, workshops and Internship Programmes were conducted under these MoUs.

6.3.9 Admission of Students

- Publication of articles and other significant information in media, demarcating the potential and scope of for various UG and PG programmes run by the institute before the start of academic session
- Incorporation of Facilitation centre for students guidance and counselling during UG and PG admissions
- Reprographic facility at concessional rate
- Portal for online fee payment

6.4 Welfare schemes for

Teaching	<ul style="list-style-type: none"> ▪ Accidental Insurance Scheme (ICICI LOMBARD) ▪ Employee Provident Fund ▪ LIC Gratuity fund ▪ Medical Dispensary unit
Non teaching	<ul style="list-style-type: none"> ▪ Accidental Insurance Scheme (ICICI LOMBARD), ▪ Employee Provident Fund ▪ LIC Gratuity fund ▪ Scholarship to wards of non-teaching staff studying in the institute ▪ Medical Dispensary unit
Students	<ul style="list-style-type: none"> • Accidental Insurance Scheme • Institutional Merit Scholarship • Counselling Facility • Medical Dispensary unit

6.5 Total corpus fund generated: NIL

6.6 Whether annual financial audit has been done (Yes/No) → **YES**

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	--	Yes	Principal & Chairman IQAC
Administrative	No	--	Yes	

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes: Yes No

For PG Programmes: Yes No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

- | |
|--|
| <ul style="list-style-type: none"> • University started online valuation and provided valuation centres to institutes to speed up valuation process and result declaration. • Entire university examination process is automated with the help of external agencies • Decentralization of University Examinations of Various Courses in all Faculties Excluding P.G. Examinations as per SANT GADGE BABA AMRAVATI UNIVERSITY GAZETTE, (Extra Ordinary) Direction No.24/2018 dated 27-03-2018 • First year evaluation is done at institute level so as to speed up the overall process and to minimise burden on university. • Online e-admission card (Hall Ticket) and e-Mark-sheets are available to students |
|--|

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

Board of College and University Development invariably organizes meetings with the Principals of affiliated colleges on various quality reforms including promotion of autonomy enabling the students to choose the place of higher education of their choice

6.11 Activities and support from the Alumni Association

- The institute is in continuous touch with its alumni through its Alumni Association.
- Alumni meet for 1996 batch students was organized in academic year 2017-18 at the Institute
- Similarly, under the umbrella of the Institute Alumni Council, alumni are frequently invited to the department for guest lectures, discussions with faculty & students etc.
- Feedback (Both Verbal and Written) taken from alumni is analyzed in order to understand the curricular gaps, latest areas of research, etc. and thus plan the activities to address this concerns
- Involvement of Alumni in placement activities
- Guest lecture on Industrial requirements/ needs by Mr. Sachin Malviya, Capgemini, London
- Guest lecture on preparation for PG studies by Mr. Rohit Rathi, Infoscheme, UK
- Expert lecture on Embedded system was conducted by Mr. Saurabh Jaiswal

6.12 Activities and support from the Parent – Teacher Association

- Organisation of Parents-Teacher meet in every semester at department level
- Reports of absence and academic progress of student is communicated to the parents.
- Discussions are held with parents during parents meet to assess students progress and to identify areas for improvement
- Feedback from parents regarding Teaching-Learning process, various facilities available in campus and educational ambience etc. helps the department to adopt measures for improvement

6.13 Development programmes for support staff

- Regular programmes are conducted at department level to educate the support staff to enhance their computer literacy especially related to office automation.
- Active involvement of the technical support staff i.e. Lab Assistant, Lab Technician, Workshop Instructors and Lab Attendants in handling and maintenance of existing equipments
- Providing training to support staff for handling new installations
- Conducting awareness programmes for fire safety, electrical safety, environment protection etc.

6.14 Initiatives taken by the institution to make the campus eco-friendly

- Use of solar street light in campus
- Effective implementation of 'save paper' campaign, involving activities like reduced use of paper with the help of office automation, reuse of paper, use of both sides of paper for printing project reports/ dissertation report
- Massive tree plantation in the campus
- Rain water harvesting on various buildings in the campus.
- Promoting the use of cloth bags rather than plastic carry bags
- Proper segregation of digestible and non-digestible solid waste and adoption of systematic disposal method
- Various energy conservation methods adopted for conservation of electricity.
- The institute is winner of environment award hosted by SGB Amravati University
- Institute received certificate of merit from AICTE WRO under 'Swachha Bharat Abhiyan' for clean and green campus

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

CIVIL:

- The T&P cell subdivided into three separate cells Training, Placement and Higher Education cell for effective implementation of T&P policies and activities
- Visits by faculty to various industries in the industrial belt of Maharashtra to enhance Placement, Training and Internship act
- Formation of Hobby Club for cultural and academic activities

CSE:

- Launching Moodle Course in the department for improving Technical, Programming Skill of Students. Also bridging curricular gaps.
- Launching MyExamo Portal for conducting online Aptitude Test, English Test for improving in Placement.
- The Department Training And Placement Committee(DTPC) responsibilities are separated into Training, Placement ,Higher studies and Alumni for effective implementation of T&P policies and activities
- Visits to Four industries under Entrepreneurship for motivating students to have their Start up.
 - Aretech Electronics, Solutions Provider ,Amravati
 - Aayushree packaging,MIDC Amravati
 - National Electricals, MIDC,Amravati
 - Pushpraj Creation , MIDC,Amravati
- Providing Hardware like Raspberry kits, Sensors, etc to final year students for Project Development.
- Formation of Art Club for exhibiting to arts, skills.

ENTC:

- Organization of Mini Project and classroom Decoration competition resulted in enhancement of student's implementation capabilities of converting their innovative ideas into project development and imbibing the attribute of Team work
- Formation of Hobby Club for improvement in student's involvement in circuit designing and development.
- The T&P cell subdivided into separate cells Training cell and Placement cell for effective implementation of T&P policies and activities

IT:

- Formation of ACM Student Chapter- 12 students from Department of Information Technology became member of the ACM student chapter and got opportunity to connect to other ACM student chapters.
- Formation of IEEE Student Branch- IEEE Student branch of Prof. Ram Meghe Institute of Technology and Research, Badnera (STB63151) started this year and 12 students are now part of Executive committee of the branch.
- Arranging of IT Showcase on occasion of Parents Meet which gave students an opportunity to showcase their talent to the Parents.

MECH:

- Formation of academic monitoring committee
- Visits by faculty to various industries in the industrial belt of Maharashtra to enhance Placement, Training and Internship activities.

MBA:

- EXIT-Interview of MBA II Year Students: Passed out Students were given a feedback for by the Department. Students were asked to give suggestions & feedback about the Department. It was kept confidential. After Analyzing the data, We have found major areas for improvement such as: Soft Skill Training Need
- Formation & Constitution of Hobby Clubs: Total 09 Hobby clubs were constituted such as Dramatics, Nature, Photography, etc: Through Dramatics & singing, 05 students participated in University youth festival. Student got selected at National Level Youth festival in Drama Event. Introduction of Hobby club helped to develop & create all-rounder managers

MCA:

- Implementation of a Flipped Classroom activity through moodle courses on departmental moodle platform.
- Assignment of user accounts to students.
- Time stamps on practical program outputs.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the Beginning of the year

CIVIL:

Plan of Action	Action Taken
Trifurcation of Training Cell	Departmental T&P cell trifurcated in Placement Cell, Training Cell and Higher Education Cell
Counseling sessions – Individual and Group	Training Cell In-charge is assigned duty of conducting counseling sessions in group and individually as need arises
Visit to Industries	6 Faculty visited 12 industries and collected suggestions from industry.
Interaction with Industry Professionals about curriculum gaps	Based on feedback strategies for improving placement percentage have been adopted. <ul style="list-style-type: none"> • Campus Recruitment Training Program • Expert Lectures by Industry Professionals • Technical Training • Soft Skills Training
Student awareness programs about realities of Job market and industry needs.	Counseling sessions organized for spreading awareness about Industry Needs

CSE:

Plan of Action	Action Taken
Conduction of Guest Lectures	Distribution of responsibilities to faculty for arranging Gust Lectures.
Conduction of workshop	Distribution of responsibilities to faculty for arranging Workshop semester wise.
Entrepreneurship Activity.	Arranging Expert Lecture and industry Visit by faculty and students.
Enhancing In-Campus Placement	Department Training and Placement Committee (DTPC) Performs the responsibility of <ul style="list-style-type: none"> • Campus Recruitment Training Program • Technical Training • Soft Skills Training • Email Writing • Resume Writing • Online Aptitude Test.
Remedial Classes	After Completion of Teaching of Semester, arranging Remedial Classes for backlog students for their respective subjects.
e-yantra Projects	Motivating the Students to develop e-yantra based projects, for which time to time workshops are arrange for them.

ENTC:

Plan of Action	Action Taken
Bifurcation of Training Cell	Departmental T&P cell bi-furcated in Placement Cell and Training Cell
Organization of various workshops to introduce students to latest technologies which are not included in curriculum	Six different workshops were organized for overall development of students in various domains of technology
Interaction with Industry Professionals about curriculum gaps	Based on feedback strategies for improving placement percentage have been adopted. <ul style="list-style-type: none"> • Campus Recruitment Training Program • Technical Training • Soft Skills Training
Guest lectures by industry and academic experts	Various sessions are conducted which motivated students to prepare in directed manner for campus placement and/or pursue higher education

IT:

Plan of Action	Action taken
Conduction of Guest Lectures by Industry people	Guest lecture's delivered by Mr. Swanand ZADE, Wipro Pvt. Ltd, Pune, Dr. Shashank Wekhande, Avant Garde Solutions Pvt Ltd.and Mr. Ajinkya Lohkare, Social Spectra, Nashik.
Inclusion of additional practical on IoT	In Time table extra slot for IoT practical was added for third year students and each group developed miniproject on IOT using Arduino and Raspberry Pi Kit
Conduction of extra classes for weaker and direct second year students	Department conducted extra classes timetable and circulated amongst faculties and students and as per schedule faculties conducted the extra classes.
Departmental E-Magazine	Department is already publishing its departmental E-Magazine for last four years but this year it made it more student centric and new ideas of students were added in it.
Promoting students for industry internship	8 Students developed project under IBase Electronics 48 students developed projects under Pinnaculum info. Tech 4 students developed projects under Bytron , Amravati
In-house Workshop for students	<ul style="list-style-type: none"> Organized two day's Workshop on "Computer Hardware" on 7th & 8th July 2017 as contents beyond syllabi. The Trainers for the course were Prof. R. M. Hushangabade, Prof. A. A. Gulhane, Prof. A. S. Mahalle, Prof. P. R. Nerkar, Prof. R. R. Papalkar & Prof. N. S. Wadhe Organized workshop on "Android & How to make money" under IEEE student chapter on 9th & 10th March 2018 by the students for the students.
Start ACM Student Chapter	Initialized ACM student Chapter and its Executive committee on 23rd September 2017 .
Form IEEE student chapter	IEEE Student branch PRMIT&R started from 1st Jan 2018

MECH:

Plan of Action	Action Taken
Result Improvement	Open book test, remedial test and extra classes conducted
Industrial Visits of faculty.	14 Faculty visited industries and various institutes
Reformation of departmental Training Cell	Separation of Training & Placement portfolios Appointed students coordinators
Improvement in In-Campus Student Placement	Following actions are taken: <ul style="list-style-type: none"> • Campus Recruitment Training Program • Expert Lectures by Industry Professionals • Technical Training • Soft Skills Training • MoU with CAD center Pune
Student awareness programs for social responsibilities.	Counseling sessions by Nature club organized. Students participated in Nirmalya & Vihang programs.

MBA:

S.No	Activity	Proposed Week/Month/Year	Level	Status
1	Monitoring of Summer Internship Program (40 days)	01/06/2017 to 10/07/2018	Department	Completed
2	AAROHAN- Induction training program for Fresher MBA (One week)	First week of August -2017	Department	Completed
3	Intensive Resume writing practice	Third week of August -2017	Department	Completed
4	Psychometric Test of each student through Outsource Agencies	Second week of September t -2017	Department	Completed
5	CNBA –Sessions (Current News Business Awareness)	Every alternate week for three hours /Batch	Department	Completed
6	Computer Program of MS-Excel , MS –PPT and MS-Word	Every week for two hours/batch	Department	Completed
7	Communication Skill Module	Every week for two hours/batch	Department	Completed
8	Group Discussion Module	Every week for two hours/batch	Department	Completed
9	Personal Interview Module	Every week for two hours/batch	Department	Completed
10	LEAD Program–Learn, Earn & Developed	Every week for two hours/batch	Department	Completed

S.No	Activity	Proposed Week/Month/Year	Level	Status
1	TEACHERS-DAY CELEBRATION -Students -Faculty Interaction -Teacher-Guardian Role Enhancement	05-09-2017	COLLEGE	Completed
2	MIRROR-WALL-MAGAZINE -Fortnightly Display of Business Sector wise information	2nd Week/September 2017	DEPARTMENT	Completed
3	Hobby Club-Panache -Inauguration & Activities on every 2nd & 4th Saturday	4th Week of September'2017	DEPARTMENT	Completed
4	PARENTS MEET -Teacher-Parents Interaction	09-10-2017	DEPARTMENT	Completed
5	PRAYUKTI -Inter-University Management Festival	13-01-2017	UNIVERSITY	Completed
6	Community Kitchen -Essence of Integrity	Jan'2018	DEPARTMENT	Completed
7	ESPERANZA-B-SPARK -Business Plan Competition	26-03-2018	NATIONAL	Completed
8	ESPERANZA-TECHKNOWDOX -Paper Presentation	26-03-2018	NATIONAL	Completed
9	REMINISCENCE: -Annual Farewell Programme	28-04-2018	DEPARTMENT	Completed

MCA:

Sr. No.	Activity	Details	Status
1	Technical Workshop	3 days Android workshop was organized for the students from MCA- III	Completed
2	Technical Event –“Oculus-17”	This one day event named ‘Oculus-17’ was organized for students from other colleges from Amravati region. This event included different competitions.	Completed
3	Wall Magazine	Wall magazine was inaugurated by the Parents. Where posters made by students from MCA-I, II & III were displayed.	Completed
4	Parents Meet	Organized and conducted successfully	Completed
5	Guest Lecture	Four Guest lecturers were organized for the students by Kartik Sharma, CEO SKBIT, Amravati, Roshan Padole from Thinkcode, Amravati, Naved Ahmad from Unikainhats Software Soutions, Mr. Anand Dandge	Completed
6	2 days Programming skills workshop	Cancelled due to unavailability of dates(instead conducted basics of programming training)	Not Completed
7	IITB Workshop	This workshop was conducted under Spoken tutorial Project of IITB for MCA II –Workshop & Test on Python MCA III - Workshop & Test on Drupal	Completed

		MCAII - Drupal Workshop and Test MCA-I - Python Workshop and Test	
8	4 Days IITB Workshop on C & C++	Rescheduled in next semester	Not Completed
9	One Week STTP on Cyber Security	This Short term training program was organized for the teaching staff members of engineering and technology faculty from the region.	Completed
10	Induction Program by Mr. Subodh Deshmukh	This induction program was organized for MCA-I and III year students	Completed
11	Pool Campus Drive for graduation and Post Graduation Students (Infosys, Amdocs, Sanrun Solutions)	This drive was conducted for the students from graduation and post graduation from different colleges	Completed
12	CPP Workshop and Test	Contents were covered in Programming Basics course and test is rescheduled in next semester	Completed
13	Programming Basics Course	These courses were designed and conducted throughout the semester for MCA-I and MCA-II	Completed
14	SuperGeek Online Quiz Series	This online quiz series was designed and conducted successfully for students from our college as well as outside students from computer background.	Completed
15	MAH-MCA-CET Workshop at VYWS for graduation Students	This workshop was conducted for the MCA aspirants in the month of Feb-18	Completed

7.3 Give two Best Practices of the institution (please see the format in the NAAC Self-study Manuals)

1. **Title 1:** - Implementation of a Flipped Classroom activity through MOODLE courses on departmental MOODLE platform (Refer Annexure 2 to AQAR)
2. **Title 2:** - Improvement in Student activities concerning with prolific technical development (Refer Annexure 3 to AQAR)

**Provide the details in annexure (annexure need to be numbered as i, ii, iii)*

7.4 Contribution to environmental awareness / protection

- Vibrant 'NSS unit' of the institute regularly organizes environmental awareness program.
- Around 3500 students of the institute is member of 'Green Army' of Maharashtra forest department. Highest membership number in SGB Amravati University
- The institute regularly organizes lecture / slide shows on topics like, climate change, pollution, wild life conservation, biodiversity etc. to boost environmental awareness
- Institute is the winner of Vasundhara award- 2016 based on overall performance of the students in year round environment protection activities
- The institute recycles the waste water of the tune of around 50000 litres per month which is used for gardening. Waste water treatment plant having a capacity of 3000 litres per day is established in institute
- Canteen waste is safely disposed in biogas digester which produces 200 litres of biogas per day
- Students are advised to take the bus facility of college or city bus, do carpooling, or to share bike ride to cut down on greenhouse gas emissions.

7.5 Whether environmental audit was conducted? (Yes / No) No

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

Strengths	Weakness
<ul style="list-style-type: none"> Green environment Three Programs (UG Program in Civil, Mech. And ENTC) are NBA accredited till June 2020. Accredited by NAAC with Grade "A" Well experienced faculty Highly equipped laboratories Excellent student Placement 	<ul style="list-style-type: none"> Foreign university Collaboration
Opportunities	Challenges
<ul style="list-style-type: none"> International accreditation of the degree programmes to open up global avenues for the students Technical skill development training centre. 	<ul style="list-style-type: none"> Up-gradation of contemporary knowledge To bring about a common understanding among various educational institutions and universities in ways of deciding course equivalence, evaluation and credit sharing policies and prepare common syllabi

8. Plans of institution for next year

Refer Annexure 4 to AQAR Report

Name: Chandrashekhar N. Deshmukh

Name: Amol P. Bodkhe




Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC
