



## Yearly Status Report - 2018-2019

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>	BAPURAO DESHMUKH COLLEGE OF ENGINEERING, SEVAGRAM
Name of the head of the Institution	Girish Vishweshwarrao Thakre
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	07152-284378
Mobile no.	9970089261
Registered Email	princi.bdces@gmail.com
Alternate Email	pri.bdce@gmail.com
Address	At -Sevagram, Tah.Dist. Wardha, Pin-442 102
City/Town	Sevagram
State/UT	Maharashtra
Pincode	442102

<b>2. Institutional Status</b>					
Affiliated / Constituent		Affiliated			
Type of Institution		Co-education			
Location		Rural			
Financial Status		private			
Name of the IQAC co-ordinator/Director		Prof. R. J. Dahake			
Phone no/Alternate Phone no.		07152284378			
Mobile no.		9422140248			
Registered Email		iqac.bdce@gmail.com			
Alternate Email		rajaykr@rediffmail.com			
<b>3. Website Address</b>					
Web-link of the AQAR: (Previous Academic Year)		<a href="http://www.bdce.edu.in/Utility/ShowPDF/AQAR/1">http://www.bdce.edu.in/Utility/ShowPDF/AQAR/1</a>			
<b>4. Whether Academic Calendar prepared during the year</b>		Yes			
if yes, whether it is uploaded in the institutional website: Weblink :		<a href="http://www.bdce.edu.in/Utility/Download/AcademicCalendar">http://www.bdce.edu.in/Utility/Download/AcademicCalendar</a>			
<b>5. Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
1	B+	2.7	2018	26-Sep-2018	25-Sep-2023
<b>6. Date of Establishment of IQAC</b>			01-May-2014		
<b>7. Internal Quality Assurance System</b>					
Quality initiatives by IQAC during the year for promoting quality culture					
Item /Title of the quality initiative by IQAC		Date & Duration		Number of participants/ beneficiaries	

Regular meeting of Internal Quality Assurance Cell (IQAC)	13-Oct-2018 1	11
Regular meeting of Internal Quality Assurance Cell (IQAC)	15-Dec-2018 1	14
Feed back of from alumni	27-Feb-2019 16	32
Orientation Program Ethical Hacking and Cyber Security	01-Feb-2019 3	35
Feedback from Parents	09-Feb-2019 9	58
Submission of data on AISHE Portal	14-Feb-2019 45	10
Organization of National TechFest WheelSpin2019 for Students	21-Feb-2019 1	1400
Regular meeting of Internal Quality Assurance Cell (IQAC)	28-Feb-2019 1	14
Regular meeting of Internal Quality Assurance Cell (IQAC)	22-Apr-2019 1	17
Feedback from Students	25-Apr-2019 30	1097
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**8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.**

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Institution	Unnat Bharat Abhiyan	IIT Delhi	2018 365	50000
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**9. Whether composition of IQAC as per latest NAAC guidelines:**

Yes

Upload latest notification of formation of IQAC

No Files Uploaded !!!

**10. Number of IQAC meetings held during the year :**

4

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report	<a href="#">View File</a>
<b>11. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	No
<b>12. Significant contributions made by IQAC during the current year(maximum five bullets)</b>	
1. IQAC has been driving the system and processes for achieving a level of targeted Quality. 2. Organized various activities and guest lectures. 3. SOP for working has been established and executed for various sections and departments. 4. Students inplant training mechanism has been strengthened.	
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<b>13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year</b>	
Plan of Action	Achivements/Outcomes
2) National Level TechFest WHEELSPIN2019	Paper presentation skill and technical competency of the students improved.
3) Skill improvement programs organized	Employability Skills enhanced.
4) Drafting Administrative SOP	Ease of working.
5) Emphasis on Students' in-plant training	Student participation in in-plant training improved significantly.
1) Organizing Short Term Training Programmes (STTP and FDPs):	Practical and academic performance of the faculty and students was improved.
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<b>14. Whether AQAR was placed before statutory body ?</b>	Yes
Name of Statutory Body	Meeting Date
Governing Body	08-Dec-2019
<b>15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?</b>	No
<b>16. Whether institutional data submitted to AISHE:</b>	Yes
Year of Submission	2018
Date of Submission	14-Feb-2019

<b>17. Does the Institution have Management Information System ?</b>	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	In the year 2018_19, Institution is having ERP Software designed maintained by Masters Software Company located at Nagpur. Currently, operational modules are Accounts, Students Admissions and Salary. In addition to this, Central Library is having SLIM version 3.00 software. Thus it may be stated that the institution is having partial Management Information System.

## Part B

### **CRITERION I – CURRICULAR ASPECTS**

#### **1.1 – Curriculum Planning and Implementation**

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

The institution meticulously develops action plans for the effective implementation of the curriculum. At the outset, the Principal conducts meeting with the various heads of department to develop strategies for effective implementation of the curriculum. At the beginning of each academic year, the affiliating University provides guidelines about the dates of commencement and end of the semester, schedule of theory and practical examinations and holidays. Academic Monitoring Committee prepares the Academic Calendar which is finalized by the I.Q.A.C Each department conducts departmental meeting in the beginning of every semester under the guidance of Head of Department with all the faculty members. The objective of conducting the meeting is to discuss and chalk out the action plan for effective implementation of the curriculum. Every department also prepares its own academic calendar in accordance with the College Academic calendar. The syllabus of courses is discussed and allocated to appropriate faculty member to handle and justify it. Faculty members get enough time to study the subject, to prepare the course file, notes, Power Point Presentation, question bank and other materials. Teaching plan is prepared well in advance topic-wise with understanding of the blueprint of the course. Faculty member is deputed for orientation program of new courses so they can impart it to the students effectively. Teachers are encouraged to impart the curriculum through innovative teaching methods such as presentations, assignments, discussions, workshops, seminars and industrial visits besides the regular /traditional chalk and talk methods. Time-table is prepared by the faculty under the guidance of HOD in consideration of curriculum of the course. As a part of the curriculum, students are given assignments and are assessed regularly to keep them focused and upgraded. Most of the time faculty members use PPT along with discussion and brain storming sessions. The technical projects of BE students are allocated by the faculty members as per their area of interest and experience. Project progress is regularly monitored. The students are given a choice to opt the elective courses listed in the university curriculum. Industrial visits, seminars, workshops, paper presentations are planned and executed depending on the need of the curriculum. Monthly attendance report is displayed and the defaulter students are instructed. Parent meeting is conducted once in a semester. At the end of every month, Head of Department collects the information related to syllabus coverage and laboratory work coverage. In addition to the curriculum,

students are educated about the latest developments in their respective fields by arranging expert lectures, guest lectures, industrial and field visits, etc.

For analyzing the effectiveness of teaching learning process, students' feedback is conducted in every semester. Continuous evaluation of students is carried out by conducting regularly Class Tests, Quiz, and Pre University Test.

Resource planning is carried out before commencement of the term. Stock verification of laboratories, need of new equipment & instruments, software, and repair of existing instruments is identified. Quotations are called for and sent to central office for further process of procurement. Mentor- Mentee scheme is also implemented effectively.

#### 1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
LINUX		15/01/2019	60	Employability	Software Skill
C C		15/01/2019	60	Employability	Software Skill
Open FOAM		15/01/2019	60	Employability	Software Skill
PHP MySQL		15/01/2019	60	Employability	Software Skill
LaTex		15/01/2019	60	Employability	Software Skill
Scilab		15/01/2019	60	Employability	Software Skill

### 1.2 – Academic Flexibility

#### 1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BE	ZERO	01/07/2018
Mtech	ZERO	01/07/2018
MBA	ZERO	01/07/2018
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#### 1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
Mtech	CAD/CAM	02/07/2018
Mtech	Structural Engineering	02/07/2018
Mtech	Electronics	02/07/2018
Mtech	VLSI	02/07/2018
Mtech	Computer Science and engineering	02/07/2018

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

	Certificate	Diploma Course
Number of Students	989	0

### 1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
Two Days Workshop on Web Page Development Using Sublime Text Editor	11/09/2018	73
Three Days Workshop on "Android and IOT Implementation"	17/09/2018	64
Training on "Android Application Development"	07/01/2019	31
Training on "Machine Learning"	07/01/2019	36
Three Days Workshop on "Auto CAD"	06/02/2019	48
One Day Workshop on PLC and Ladder Programming	09/03/2019	112
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#### 1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	Mechanical Engineering	136
BE	Civil Engineering	240
BE	Computer Engineering	83
BE	Electrical Engineering	26
BE	Electronic & Telecommunication Engineering	32
MBA	MBA	17
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### 1.4 – Feedback System

#### 1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	No
Employers	No
Alumni	Yes
Parents	Yes

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

Feedback Obtained
There is a formal mechanism to obtain feedback from stakeholders on curriculum and facilities. Questionnaires for different stakeholders viz. Parents, Alumni and Students are prepared, approved by the Institute level committee and circulated to the stakeholders. Feedback is taken from the students in each

semester in the prescribed format. Feedback analysis is carried out for improving teaching learning process. Students are asked to rate on ten different parameters related to teaching learning i.e. communication skill, presentation skill, technical knowledge, practical knowledge, etc. For each parameter student has to rate out of 10. The average score of parameter describes the overall performance in teaching learning. Students' feedback on facilities is also taken. The Feedback committee analyzes the responses and prepare report on rating and remarks. Head of the concerned department communicates the feedback on teaching learning to individual faculty member through letter and sends the summary report to the Principal. Similarly, the Alumni Feedback and Parents Feedback is taken on various parameters and they are asked to rate the parameters. The average score of rating is taken and remarks are also noted. The summary report is sent to the Principal. The Principal calls the meeting of all Heads of the department, IQAC Coordinator and Internal Members of the College Development Committee for discussion on the summary reports of different feedback. After brain storming session action plan is prepared by the Principal to take the corrective measures on the findings of feedback analysis.

## CRITERION II – TEACHING- LEARNING AND EVALUATION

### 2.1 – Student Enrolment and Profile

#### 2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BE	Civil Engineering(First Shift)	85	60	60
BE	Computer Engineering(First Shift)	132	86	86
BE	Electronics and Power Engineering (First Shift)	113	36	36
BE	Electronics and Telecommunication Engineering( First Shift)	129	12	12
BE	Mechanical Engineering (First Shift)	211	70	70
BE	Civil Engineering(Second Shift)	111	28	28
BE	Electronics and Telecommunication Engineering( Second Shift)	72	0	0
Mtech	Electronics(First Shift)	18	2	2
Mtech	CAD/CAM(First Shift)	24	6	6
Mtech	Computer	24	7	7



	Science and Engineering (First Shift)			
Mtech	VLSI(Second Shift)	24	3	3
Mtech	Structural Engineering (Second Shift)	24	16	16
MBA	Master of Business Administration(First Shift)	60	60	60
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## 2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	1514	186	69	5	25

## 2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
99	89	6	8	2	10

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

Beginning ones life at technical college involves the making of a crucial transition from the familiar environment of school life to a professional institution. As the shackles of parental control are broken away in the wake of globalization and modernization, one finds oneself in a bewildering variety of situations. On this backdrop so as to acclimatize the students, who may have come from diverse backgrounds to the professional education culture, it is necessary to have a broader and more sophisticated notion of mentoring which plays a vital role in preparing future engineering professional graduates. In order to assist students in their studies and to monitor their academic performance on regular basis, students' mentoring has become an essential tool in the modern technical educational system. Therefore, BDCE has developed and implemented a Mentor Mentee Scheme. This scheme aims at enabling, fostering and nurturing constructive and positive interaction, guidance and mentorship of students by the faculty members. It operates to facilitate regular dialogue between teachers and students. In this scheme a faculty member is designated as Mentor and is assigned a batch of 1520 students who are referred as Mentees. This allotment of a batch to a mentor is for a period of one academic year for two consecutive semesters and next year again new allotment is made. The Head of Department and FYBE Coordinator is the Chief Mentor in this system. The mentor works as a friend, philosopher, adviser and guide for his mentees. He keeps the track of every mentee's day to day activities and behavioral aspects. He identifies weak areas of mentee's personality and work out proper remedies in consultation with Chief Mentor, teachers and parents. He provides emotional support to mentees on individual basis and helps them to overcome home sickness. He establishes a rapport between mentees, teachers and parents. Mentor organizes weekly followup meetings with his mentees to review academic and overall performance of the mentees. The Chief Mentor organize monthly followup meeting with Mentors and suggest some remedial measures to the mentors if asked for. Mentor note down the minutes of every meeting mentioning mentees' problems and remedial measures

taken upon. He maintains complete record of his mentees in the Mentor's Diary and submits the diary to the Chief Mentor at the end of semester. The Head of Department keeps the record of all such Mentor's Diaries semesterwise in his office. First year students have mentors from the departments of Basic Sciences and Second, Third, Fourth Year students have mentors from the parent department. The mentors conduct meeting with the mentees, whereby they are acquainted with the institution and department, its vision, mission, and goals, the facilities available, code of conduct and other regulations. This helps the students realize their responsibilities at the early stage itself. This scheme is further continued by all parent departments from second year onwards. A separate mentoring and counselling hour is kept for each class in the timetable.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1514	99	1 : 16

## 2.4 – Teacher Profile and Quality

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

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
142	99	43	14	16

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr. S. W. Mohod	Associate Professor	Best Paper Award in 2nd International Conference on Ideas, Innovation and impact in Science Technology organised by SKN College of Engineering , Pune on 19/03/2019

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## 2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BE	1_2181615647	4th Sem	10/05/2019	14/06/2019
BE	1_2181615647	6th Sem	11/05/2019	19/06/2019
BE	1_2181615647	8th Sem	10/05/2019	12/06/2019
BE	1_1357620332	4th Sem	10/05/2019	14/06/2019
BE	1_1357620332	6th Sem	11/05/2019	19/06/2019
BE	1_1357620332	8th Sem	10/05/2019	12/06/2019
BE	1_1357620334	4th Sem	10/05/2019	14/06/2019
BE	1_1357620334	6th Sem	11/05/2019	19/06/2019

BE	1_1357620334	8th Sem	10/05/2019	12/06/2019
BE	1_1357620336	6th Sem	11/05/2019	19/06/2019
BE	1_1357620336	8th Sem	10/05/2019	12/06/2019
BE	1_1357620338	4th Sem	10/05/2019	14/06/2019
BE	1_1357620338	6th Sem	11/05/2019	19/06/2019
BE	1_1357620338	8th Sem	10/05/2019	12/06/2019
BE	1_1357620340	4th Sem	10/05/2019	14/06/2019
BE	1_1357620340	6th Sem	11/05/2019	14/06/2019
BE	1_1357620340	8th Sem	10/05/2019	12/06/2019
BE	1_1357620352	4th Sem	10/05/2019	14/06/2019
BE	1_1357620352	6th Sem	11/05/2019	19/06/2019
BE	1_1357620352	8th Sem	10/05/2019	12/06/2019
BE	1_1357620366	6th Sem	11/05/2019	14/06/2019
BE	1_1357620366	8th Sem	10/05/2019	12/06/2019
BE	1_1360447811	4th Sem	10/05/2019	14/06/2019
BE	1_1360447811	6th Sem	11/05/2019	19/06/2019
BE	1_1360447811	8th Sem	10/05/2019	12/06/2019
BE	1_1357620329	4th Sem	10/05/2019	14/06/2019
BE	1_1357620329	6th Sem	10/05/2019	19/06/2019
BE	1_1357620329	8th Sem	10/05/2019	12/06/2019
Mtech	1_1357620354	4th Sem	22/06/2019	10/07/2019
Mtech	1_1357620364	4th Sem	22/06/2019	10/07/2019
Mtech	1_1357620360	4th Sem	22/06/2019	10/07/2019
Mtech	1_1357620358	4th Sem	22/06/2019	10/07/2019
Mtech	1_1357620362	4th Sem	22/06/2019	10/07/2019
MBA	1_1357620356	4th Sem	17/05/2019	13/06/2019
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#### 2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Continuous Internal Evaluation (CIE) and project work are the internal modes of assessment. The college being affiliated to RTM Nagpur University, Nagpur adheres to its syllabus. An academic calendar clearly specifies the date/time of various academic activities. Semester examinations are held as per RTMNU examination schedule at the semester end. The evaluation system has two components viz. 1. The Continuous Internal Evaluation (CIE) 2. The End Semester Examination (ESE) The ratio of Weightage is 20 in CIE and 80 in ESE for UG (for theory) and 30 in CIE and 70 in ESE for PG (for theory). For practical, it is 50 each for both UG and PG. For effective implementation of CIE system at institutional level, three class tests are conducted in odd semester and two class tests with one PreUniversity Test in even semester. Each class test based on two units of RTMNU syllabus. In addition to class tests, CIE component also includes MCQs, home assignments, Lab Exercises. The marks obtained in every CIE component are shown to students along with their answer scripts by the teacher concerned before the marks are forwarded to examination section. It also promotes the student to participate in mini project, model exhibition, programming skill competitions, competitive examinations, higher studies, mega

projects, technical paper presentation, workshop, seminar etc. Students are encouraged to get involved in industry sponsored projects as a part of their curriculum in final year. The institute organizes parent meet and also communicates progress report of their ward to parents.

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

The institute being affiliated to RTM Nagpur University, Nagpur adhered to the syllabus of University. The academic calendar published by the affiliating university forms the basis for designing the college academic calendar. An academic calendar clearly specify commencement date and last working date, instructional days, and dates for conduction of the internal assessment tests and Extracurricular Co curricular activities to take place during the academic session. It is notified prior to the commencement of the academic session. The Principal of the institution conducts meetings regularly with the HODs to develop various strategies for effectiveness in curriculum. As per curriculum, courses are allotted to faculty members well in advance. Departmentwise time table is prepared and displayed on notice boards along with academic calendar. The portfolios are allotted to faculty members for the effective implementation of teaching learning process. Every faculty member prepares teaching/laboratory plan in advance. Faculty members maintain the attendance record for theory/laboratory course. Students are informed about the continuous assessment policy in the beginning of every semester. The Class Test, Quiz, Practical and Oral examinations are conducted before University Examination. Students and parents are informed about their performance by notifying it on Notice board and in parent meets. The college collects feedback from the students formally as well as informally on quality of teaching, resources etc.

## 2.6 – Student Performance and Learning Outcomes

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

<http://www.bdce.edu.in/Utility/ShowPDF/21>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
1_1357620340	BE	Mechanical Engineering (First Shift)	133	125	93.98
1_1357620352	BE	Information Technology (First Shift)	19	19	100
1_1357620366	BE	Mechanical Engineering (Second Shift)	48	33	68.75
1_1360447811	BE	Electronics and Telecommunication Engineering (Second Shift)	29	28	96.55
1_1357620329	BE	Civil Engine	80	68	85.00

		ering(Second Shift)			
1_1357620354	Mtech	Electronics(First Shift)	3	3	100
1_1357620364	Mtech	CAD/CAM(First Shift)	4	3	75.00
1_1357620360	Mtech	VLSI(Second Shift)	4	4	100
1_1357620358	Mtech	Computer Science and Engineering (First Shift)	9	9	100
1_1357620362	Mtech	Structural Engineering (Second Shift)	4	4	100
1_1357620356	MBA	MBA (First Shift)	52	38	73.08
1_2181615647	BE	Civil Engineering(First Shift)	80	62	77.5
1_1357620332	BE	Computer Engineering(First Shift)	83	77	92.77
1_1357620334	BE	Electronics and Power Engineering (First Shift)	58	56	96.55
1_1357620336	BE	Electronics Engineering (First Shift)	18	15	83.33
1_1357620338	BE	Electronics and Telecommunication Engineering(First Shift)	30	26	86.67

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## 2.7 – Student Satisfaction Survey

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

<http://www.bdce.edu.in/Utility/ShowPDF/27>

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
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Total	0	ZERO	0	0
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### 3.2 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
Guest Lecture on Transactional Analysis	Electronics and Telecommunication Engg.	23/07/2018
An Expert talk on "Planning a Right Career"	Computer Engg.	06/08/2018
Two Day Workshop on Web Development Using Sublime Text Editor	Computer Engg.	11/09/2018
One Day Workshop on "Empowering Education with Entrepreneur Give Wings to Your Dreams"	Mechanical Engg.	17/09/2018
Three Day Workshop on Android and IOT Implantation	Computer Engg.	17/09/2018
How to Plan and Prepare for Study Abroad	Computer Engg.	01/10/2018
Employability Development through Internship Program	Computer Engg.	03/10/2018
Expert Lecture On Falcon 9 Rocket By Using UGNX CAD Application	Mechanical Engg.	18/10/2018
Expert lecture on "Importance of software in Mech.Engg	Mechanical Engg.	21/12/2018
Guest Lecture on Career Opportunities in ITSector	Computer Engg.	22/12/2018
Alumni Interaction on Selection Process Career Opportunities in Amazon	Electronics and Telecommunication Engg.	15/01/2019
Orientation Program Ethical Hacking and Cyber Security	Computer Engg.	30/01/2019
One day Workshop on Networking	Electronics and Telecommunication Engg.	15/02/2019
Expert Lecture on Advances in Manufacturing Process	Mechanical Engg.	27/02/2019
Workshop on AutoCAD	Civil Engg.	06/03/2019
One day workshop on PLC Ladder Programming	Electronics and Telecommunication Engg.	09/03/2019

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Robo Race (RoboOlympia)	1. Adesh Pathare 2. Nayan Wanjari 3. Akshay Raut	Technovation 11.0. Ramdeobaba College of Engineering, Nagpur.	25/08/2018	Robo Race Rank 1
Robo Race	1. Nayan Wanjari 2. Sneha Dukare	Mechstroke 2K18. Priyadarshni Institution of Engineering and Technology	08/09/2018	Robo Race Rank 2
Bridge Making	Nayan Wanjari	Mechstroke 2K18. Priyadarshni Institution of Engineering and Technology	08/09/2018	Best Bridge
Paper Presentation (TECHELONS 2019)	Aditya Bhandkhar	P.R.Pote Group of Educational Institides, Amaravati	22/01/2019	Best paper
National Level TechFest	Sohel pathan	Bapurao Deshmukh College of Engineering, Sevagram	21/02/2019	Logic Booster 2nd Rank
National Level TechFest	1. Tushar Chawat 2. Dipmal Patil 3. Pooja Choudhari	Bapurao Deshmukh College of Engineering, Sevagram	21/02/2019	Paper Presentire 2nd Rank
Website Designing (Webatrix)	Sneha Dukare	Bapurao Deshmukh College of Engineering, Sevagram	21/02/2019	Best Website Rank 2
Bridge Making (Nirman)	Nayan Wanjari	Bapurao Deshmukh College of Engg., Sevagram	21/02/2019	Best Bridge Rank 2
Paper Presentation (Presentaire)	Ankit Lotia	Bapurao Deshmukh College of Engg., Sevagram	21/02/2019	Best Paper
Paper Presentation (Presentaire)	Kshitij Sable	Bapurao Deshmukh College of Engg., Sevagram	21/02/2019	Best Paper
Bridge Making (Crepido)	Nayan Wanjari	AXIS VNIT 2019 , Nagpur	24/02/2019	Best Bridge Rank 2

Paper Presentation (P RAJVALAN19)	Aditya Bhandkhar	Govt. Engg. College, Amaravati	02/03/2019	Best Paper
Paper Presentation Conference	Dr. S. W. Mohod	Smt. Kashibai Navale College of Engg. Pune	19/03/2019	Best Paper
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### 3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
ZERO	ZERO	ZERO	ZERO	ZERO	30/06/2019
<a href="#">View File</a>					

### 3.3 – Research Publications and Awards

#### 3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

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

Name of the Department	Number of PhD's Awarded
Electronics Engineering	7
Mechanical Engineering	6
Applied Chemistry	3

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Computer Engineering	6	5.89
International	Electronics Telecommunication	5	6.86
International	Mechanical Engg.	2	4.96
International	Civil Engg	3	5.87
<a href="#">View File</a>			

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

Department	Number of Publication
Computer Engineering	19
Electronics Telecommunication Engineering	1
Mechanical Engineering	38
Civil Engineering	1
<a href="#">View File</a>	

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



Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Design of Hybrid PVWind StandAlone Renewable Energy System: Case Study	Prof. Ms. J. B. Fulzele, Dr. M. B. Daigavane and Dr. P. M. Daigavane	Journal of Information and Optimization Sciences	2018	3	Research Scholar GHRCE, Nagpur	3
Design and Optimization of Hybrid PVWind Renewable Energy System	Ms. J. B. Fulzele and Dr. M. B. Daigavane	Journal of Elsevier Material Today Proceeding	2018	16	Research Scholar GHRCE, Nagpur	16

[View File](#)

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

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Design of Hybrid PVWind StandAlone Renewable Energy System: Case Study	Ms. J. B. Fulzele, Dr. M. B. Daigavane and Dr. P. M. Daigavane	Journal of Information and Optimization Sciences	2018	4	3	Research Scholar GHRCE, Nagpur
Design and Optimization of Hybrid PVWind Renewable Energy System	Ms. J. B. Fulzele and Dr. M. B. Daigavane	Journal of Elsevier Material Today Proceeding	2018	4	16	Research Scholar GHRCE, Nagpur

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	0	19	0	62
Presented papers	1	92	0	0
Resource persons	0	0	0	1

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### 3.4 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Teachers Day Celebration and Tree Plantation (5/9/2018)	NSS unit of Institute	2	63
Visit to Center of Science for Villages (CSV) Dattapur, Wardha. (9/3/2019)	Center of Science for Villages (CSV) Dattapur Dist. Wardha through NSS Unit of Institute NSS	2	48
Environmental Science Exhibition (28/03/2019 To 02/04/2019)	Nisarg Sewa Samiti, Wardha through NSS Unit of Institute	1	81

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

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
ZERO	ZERO	ZERO	0

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

Name of the scheme	Organising unit/Agen cy/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
National Voter Day	Election officer Collector Wardha	Voter Awareness Programme	8	230
Swachh Bharat Abhiyan	NSS Unit BDCE Mechanical Engineering Student Association (MESA), First Year Student Association Sevagram.	Shramdan Abhiyan (College Campus Cleaning)	3	14

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### 3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Five Days Short Term Training Programme on Rural Engineering at Center Of Science For Villages, Dattapur, Wardha.	12	Institution itself	5
<a href="#">View File</a>			

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

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Internship	Summer Internship	Protech software solution , Wardha	07/12/2018	07/01/2019	1
Internship	Summer Internship	SELFMADE SOFTWARE PVT. LTD., PUNE	24/12/2018	10/01/2019	1
Internship	Summer Internship	Microtron Technologies software Web Developmnet Solution, Ram Nagar Wardha/9503793 324, 8378002707 and microtron technologies@gmail.com	07/01/2019	17/01/2019	50
Internship	Summer Internship	SOFTCELL SYS TEMS, Yevatma 1/0723223700 2,9226295005	21/10/2018	20/01/2019	1
Internship	Summer Internship	Sparklink Technologies, Arvi Naka, Wardha/917533 8659	01/02/2019	12/03/2019	15
Internship	Summer Internship	W3C Internet Academy	24/03/2019	22/04/2019	1
Internship	Summer Internship	Paarsh Touch Software Solution.	01/08/2018	30/01/2019	1

Internship	Summer Internship	Transrail lighting Ltd. Deoli	27/12/2018	01/01/2019	3
Internship	Summer Internship	Indurance Technology pvt. Ltd. Aurangabad	17/12/2018	24/12/2018	2
Internship	Summer Internship	C.S.T.P.S., Chandrapur	08/12/2018	29/01/2019	12
Internship	Summer Internship	H.V.D.C., Chandrapur	10/12/2018	29/12/2018	8
Internship	Summer Internship	Transrail Lighting Limited, Transmission Tower Factory, B 1/1, MIDC Deoli Wardha 442 101, Tel. 91 7158 254401	13/12/2018	18/12/2018	1
Internship	IOT Based Embedded System Design	Techno vision Technologies Pvt Ltd., Ramnagar, Wardha 442 001, Mob. 9850888424 ( www.technovisiontech.com )	12/12/2018	27/12/2018	14
Internship	Internship in Telecommunication	Bharat Sanchar Nigam Ltd., RTTC, Opp TV Tower, Seminary Hills, Nagpur 440006, www.rttcnagpur.bsnl.co.in	10/12/2018	21/12/2018	15
Internship	Solar Based LED Lighting System Manufacturing	MGIRI, Maganwadi, Wardha 442 001 www.mgiri.org	10/12/2018	26/12/2019	1
Internship	Python	ETE Services Pvt Ltd, Nagpur www.etesgroup.com	01/12/2018	30/12/2018	1
Training	A Five Days	Center of	27/05/2019	31/05/2019	23

	Training Workshop on Rural Engineering Entrepreneur Development Programme	Science for Villages Bajaj Auto Bhartiya Yuva Shakti Trust Wardha			
IntershiP	Industrial Training (Summer and Winter)	Om Sairam Co nstruction,N agpur	25/05/2019	15/06/2019	1
IntershiP	Industrial Training (Summer and Winter)	P.G. Engineering Corporation	15/05/2019	30/05/2019	2
IntershiP	Industrial Training (Summer and Winter)	P.W.D.,Nagpu r	22/05/2019	22/06/2019	1
IntershiP	Industrial Training (Summer and Winter)	P.W.D.,Chand rapur	23/05/2019	08/06/2019	3
IntershiP	Industrial Training (Summer and Winter)	P.W.D. ,Gondia	24/05/2019	22/06/2019	1
Intership	Industrial Training (Summer and Winter)	Ramdeo Construction Company	20/05/2019	20/06/2019	1
Intership	Industrial Training (Summer and Winter)	Quality Cons tructions	15/05/2019	06/07/2019	1
Intership	Industrial Training (Summer and Winter)	Shri Tirupati Construction	15/05/2019	15/06/2019	2
Intership	Industrial Training (Summer and Winter)	Shree Astavinayaka Associates	15/05/2019	15/06/2019	1
Intership	Industrial Training (Summer and Winter)	Sri Venkata Sai Infratec h,Chandrapur	10/05/2019	10/06/2019	1
Intership	Industrial Training (Summer and Winter)	Structural Consultant Engineers	15/05/2019	30/05/2019	5
Intership	Industrial Training	Satpuda Civil	15/05/2019	15/06/2019	1

	(Summer and Winter)	engineering Consultancy			
Internship	Industrial Training (Summer and Winter)	S.D. Consultancy	20/05/2019	05/06/2019	4
Internship	Industrial Training (Summer and Winter)	Shree Sai Simran Metals	15/05/2019	15/06/2019	4
Internship	Industrial Training (Summer and Winter)	Techops Infrastructure Pvt. Ltd., Nagpur	15/05/2019	15/06/2019	7
Internship	Industrial Training (Summer and Winter)	Vishvakarma Engg. Construction	20/05/2019	15/06/2019	7
Internship	Industrial Training (Summer and Winter)	V.V. Engineering, Consultants Pvt.Ltd	15/05/2019	15/06/2019	6
Internship	Industrial Training (Summer and Winter)	Parth Constructions, Wardha	20/12/2018	05/01/2019	1
Internship	Industrial Training (Summer and Winter)	D.V. Patel and copartner	15/12/2018	30/12/2018	8
Internship	Summer Internship	Internshala Trainings	22/07/2018	01/09/2018	1
Internship	Summer Internship	Sparklink Technologies, Arvi Naka, Wardha/9175338659, www.sparklinktech.com	07/07/2018	06/08/2018	27
Internship	Summer Internship	WebTechSystem IT Park, Nagpur/7126605019	07/07/2018	22/07/2018	1
Internship	Summer Internship	Aspirevision Tech Education Pvt Ltd, Hyderabad	13/06/2018	03/07/2018	1
Internship	Summer Internship	Arovan Web Pvt.Ltd, New Ramdaspeth Nagpur/071266020373	01/06/2018	15/07/2018	2

Internship	Summer Internship	INTERNET ACADEMY, HYDRABAD	24/07/2018	21/08/2018	3
Internship	Summer Internship	Alive Technology. Pvt. Ltd ITPark Nagpur/www.alivetechservices.com	11/06/2018	28/07/2018	5
Internship	Summer Internship	CyberTecZ, Nagpur	05/06/2018	12/06/2018	1
Internship	Summer Internship	Muddy Roads Technologies Pvt. Ltd/9540232160	10/04/2018	14/06/2018	1
Internship	Summer Internship	Webgurukul, Wardha/www.webgurukul.co.in	05/06/2018	20/06/2018	2
Internship	Summer Internship	CREATIVE SERVICE, Nagpur/hrd.creative services@gmail.com	28/05/2018	21/06/2018	1
Internship	Summer Internship	MPR REFRACTORIES LTD, Hyderabad/04027637420/27600082	25/05/2018	25/06/2018	1
Internship	Summer Internship	Sai Computer Institute, Wardha/07152251781,9405529077	02/06/2018	28/06/2018	2
Internship	Summer Internship	India Active Software Inc./07126645299	29/05/2018	29/06/2018	1
Internship	Summer Internship	LTech LABS, Wardha/ltechwardha@gmail.com	01/06/2018	30/06/2018	4
Internship	Summer Internship	LTech LABS, Wardha/ltechwardha@gmail.com	13/03/2018	30/04/2018	4
Internship	Summer Internship	ProTech Software Solution And Programming Technologies, Pashan	14/05/2018	30/06/2018	3

		Chawk, Wardha./ 752247036			
Internship	Summer Internship	SSIT PVT.LTD ,NAGPUR	20/12/2018	06/01/2019	1
Training	Training Power Thermal Station	Chandrapur super Power Thermal Station, Chandrapur	06/12/2018	21/12/2018	5
Training	Industrial Training	Endurance Technology pvt. Ltd.,Waluj MIDC, Aurangabad	17/12/2018	24/12/2018	3
Training	Industrial Training on Gear Manufac turing	Jadhav Gears pvt.ltd.,MID C , Amravati	08/12/2018	20/12/2018	1
Training	Industrial Training	Mahalaxmi TMT, Deoli, Wardha	20/12/2018	25/12/2018	5
Training	Industrial Training on agricultural product	Manas Agro Industries, Jamni, Wardha	11/12/2018	17/12/2018	3
Training	Industrial Training on Transportati on Vehicles	MSRTC Central workshop, Hingna, Nagpur	15/12/2018	30/12/2018	2
Training	Industrial Training on Transportati on Vehicles	MSRTC Central workshop, MIDC, Wardha	18/01/2019	24/01/2019	3
Training	Industrial Training on Chemicals fertilizers	Rashtriya Chemicals fertilizers, Mumbai	17/12/2018	29/12/2018	1
Training	Industrial Training	Reliance Power ltd.,B uttibori, Nagpur	07/12/2018	28/12/2018	5
Training	Industrial Training on manufacturin g of agricultural equipments	Sagar Intern ational Pvt. Ltd., MIDC, Wardha	17/12/2018	01/01/2019	4
Training	Industrial Training	Shilpa steels power ltd., MIDC,	07/12/2018	22/12/2018	2



		Buttibori, Nagpur			
Training	Industrial Training	Simplex chemopack pvt. Ltd., Nagpur	10/12/2018	10/12/2018	1
Training	Training	SQL SCHOOL Quality Training, Hydrabad	01/06/2018	30/06/2018	1
Training	Training	SUGUNA Foods , Hinganghat	31/12/2018	19/01/2019	4
Training	Industrial Training on manufacturin g of iron	Sunflag Iron Ltd. Bhandara	10/12/2018	25/12/2018	4
Training	Industrial Training on manufacturin g of iron	Sunflag Iron Ltd. Bhandara	07/12/2018	17/12/2018	1
Training	Industrial Training on manufacturin g of iron	Sunflag Iron Ltd. Bhandara	15/12/2018	30/12/2018	1
Training	Industrial Training on manufacturin g of iron steel equipments	Transrail Gamon India Ltd, Deoli, Wardha	08/12/2018	17/12/2018	1
Training	Industrial Training	UNIRAC , Oracle Data base, Hydrabad	01/12/2018	10/01/2019	1
Training	Industrial Training on manufacturin g of iron steel equipments	Wheels India Ltd, Deoli, Wardha	20/12/2018	04/01/2019	9
Training	Industrial Training on manufacturin g of automobiles	Ashok Leyland Ltd, Bhandara	21/05/2019	04/06/2019	2
Training	Industrial Training on manufacturin g of iron steel products	wheels India pvt.Ltd Deoli	03/06/2019	17/06/2019	6
Training	Training For Entrepreneur	BHARTIYA YOVA SHAKTI	29/05/2019	30/05/2019	22

	ship	TRUST, WARDHA			
Training	Industrial Training	Electro Tech Engg. Sercices pvt ltd. Nagpur	01/06/2019	30/06/2019	4
Training	Training on software	G2G Innovation Training Center and Virtual Simutech Ltd.pune	15/05/2019	15/05/2019	25
Training	Industrial Training	R. M. ENGINEERING, PLOT NO. W102, AMARNAGAR, HINGNA ROAD	23/05/2019	20/06/2019	1
Training	Industrial Training	Hindustan Company ltd Ganglewada Lakhni Dis Bhandara	01/06/2019	15/06/2019	4
Training	Industrial Training	Indo Rama Synthetics India Limited Butibori	06/06/2019	05/07/2019	2
Training	Training on software	INTERNSHALA TRAINING OF AUTOCAD	25/05/2019	05/07/2019	1
Training	Industrial Training	Transrail MI DC.Deoli, Dist Wardha	17/05/2019	25/05/2019	6
Internship	Training on software	Future Gen Technologies, Hyderabad (CREO, SOLIDWORKS, HVAC REVIT MEP)	28/05/2019	29/06/2019	2
IntershiP	Industrial Training (Summer and Winter)	M/S Shreya Constructions, Wardha	15/05/2019	16/06/2019	1
IntershiP	Industrial Training (Summer and Winter)	M/s P.K. Nagrare Construction	14/05/2019	14/06/2019	1
IntershiP	Industrial Training (Summer and	P.W.D., Wardha	15/05/2019	15/06/2019	4

	Winter)				
IntershiP	Industrial Training (Summer and Winter)	P.W.D., Wardha	20/05/2019	23/06/2019	4
IntershiP	Industrial Training (Summer and Winter)	P.W.D., Wardha	16/05/2019	16/06/2019	4
IntershiP	Industrial Training (Summer and Winter)	P.W.D., Wardha	21/05/2019	11/06/2019	9
IntershiP	Industrial Training (Summer and Winter)	P.W.D., Wardha	22/05/2019	15/06/2019	3
IntershiP	Industrial Training (Summer and Winter)	A.R. Construction	21/05/2019	16/06/2019	4
IntershiP	Industrial Training (Summer and Winter)	A.S. Construction Pvt. Ltd.	10/05/2019	10/06/2019	1
IntershiP	Industrial Training (Summer and Winter)	Abhishek Infrastructure	01/06/2019	30/06/2019	1
IntershiP	Industrial Training (Summer and Winter)	Alliance Infra ventures	18/05/2019	16/06/2019	1
IntershiP	Industrial Training (Summer and Winter)	Astrid Engineers	15/05/2019	25/06/2019	4
IntershiP	Industrial Training (Summer and Winter)	Atharva Creators Pvt. Ltd.	23/05/2019	26/06/2019	1
IntershiP	Industrial Training (Summer and Winter)	AU Construction and Company, Nagpur	25/05/2019	25/06/2019	1
IntershiP	Industrial Training (Summer and Winter)	B.M. Construction	15/05/2019	30/06/2019	1
IntershiP	Industrial Training (Summer and Winter)	BalajiBuildcon, Arvi	15/05/2019	15/06/2019	1

	Winter)				
IntershiP	Industrial Training (Summer and Winter)	Chintamani Builders and Developers	12/05/2019	12/06/2019	11
IntershiP	Industrial Training (Summer and Winter)	D.V. Patel and copartner	12/05/2019	28/05/2019	5
IntershiP	Industrial Training (Summer and Winter)	D.V. Patel and copartner	12/05/2019	12/06/2019	10
IntershiP	Industrial Training (Summer and Winter)	I.P. Constructions, Nagpur	20/05/2019	20/06/2019	7
IntershiP	Industrial Training (Summer and Winter)	Laxmi Civil Engineering Services Pvt. Ltd.	15/05/2019	15/06/2019	1
IntershiP	Industrial Training (Summer and Winter)	Lion Engineering Consultants	15/05/2019	15/06/2019	1
IntershiP	Industrial Training (Summer and Winter)	Lungare Patil Associates	25/05/2019	10/06/2019	2
IntershiP	Industrial Training (Summer and Winter)	M/s. Prashant Construction Co.	15/05/2019	15/06/2019	1
IntershiP	Industrial Training (Summer and Winter)	Maa Vaishnavi City Developers, Wardha	15/05/2019	16/06/2019	12
IntershiP	Industrial Training (Summer and Winter)	Mahakali Construction	15/05/2019	16/06/2019	2
IntershiP	Industrial Training (Summer and Winter)	Madhur Construction	15/05/2019	15/07/2019	1
IntershiP	Industrial Training (Summer and Winter)	Manthanwar Associates	17/05/2019	16/06/2019	1
IntershiP	Industrial Training (Summer and Winter)	Nagpur Municipal Corporation	05/06/2019	20/06/2019	1

	Winter)				
IntershiP	Industrial Training (Summer and Winter)	Om Satyam Buildcon Pvt. Ltd	15/05/2019	15/06/2019	5
IntershiP	Industrial Training (Summer and Winter)	Namasthetu Infratech Pvt. Ltd	15/05/2019	15/06/2019	2
Internship	Summer Internship	Webakruti, Wardha./ 9890833350	07/12/2018	07/01/2019	10
<a href="#">View File</a>					

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Global Technologies , Amravati	09/12/2019	To promote and enhance academics by imparting training to students regarding surveying work	0
Microtron Technologies, Solution, Wardha	19/12/2018	Workshop, Sponsorship Internship	67
Pride Webakruti Infotech. Pvt Ltd, Nagpur	16/10/2018	Live project, Workshop, Sponsorship Internship	22
iBase Electrosoft LLP, Mudholkar Peth, dist: Amravati, MS	19/08/2018	Workshop Internship	64
M/S Global Enterprises, B ½ Ghandhigram College Road, Midc Wardha.	25/01/2018	To develop and strengthen entrepreneurial quality enhancing industrial development, understand the process and procedure involved in setting up small unit. To promote and enhance academics by imparting training to the students, staff and faculty of th	93
Minichem Industries, Plot No. B2, Midc	01/04/2018	To promote and enhance academics by imparting	0

Wardha.		training to the students, staff and faculty of the college.	
Rexroth Bosch Group, Ahmdabad	16/01/2018	To assist students and enhance fundamental knowledge and concept new technologies.	0
Parth Construction, Wardha	26/02/2019	Summer/Winter training	1
Civil Engineering Software Academy	12/02/2019	To conduct workshops on various civil Engg. Softwares	0
<a href="#">View File</a>			

## CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
15	12.55

4.1.2 – Details of augmentation in infrastructure facilities during the year

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

### 4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
SLIM	Fully	3.00	2002

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	32686	5914969	90	27595	32776	5942564
Reference Books	2085	1359862	0	0	2085	1359862
e-Books	10955	0	0	0	10955	0
Journals	58	106028	0	0	58	106028
e-Journals	3	1380807	1	186400	4	1567207
Digital	2	11500	2	11500	4	23000

Database						
CD & Video	2237	0	84	0	2321	0
Weeding (hard & soft)	1070	175000	0	0	1070	175000
Others (specify)	11105	4533328	2111	1485000	13216	6018328

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

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
ZERO	ZERO	ZERO	30/06/2019

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### 4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MGBPS)	Others
Existing	477	13	410	1	1	1	6	50	0
Added	0	0	0	0	0	0	0	0	0
Total	477	13	410	1	1	1	6	50	0

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

50 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
NPTEL	<a href="http://www.nptelvideos.in">http://www.nptelvideos.in</a>
Spoken Tutorial	<a href="https://spoken-tutorial.org">https://spoken-tutorial.org</a>
Swayam	<a href="https://swayam.gov.in">https://swayam.gov.in</a>
NMEICT	<a href="https://www.it.iitb.ac.in/nmeict/home.html">https://www.it.iitb.ac.in/nmeict/home.html</a>
Intershala	<a href="https://www.internshala.com">https://www.internshala.com</a>

### 4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
8	6.68	115	113.15

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory,

library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

1. Laboratory: The laboratory equipment are serviced and maintained by the equipment suppliers, on annual maintenance contract agencies. There are also on call servicemen who attend to the various requirements. Inspections of the instruments/ equipment are carried out on a regular basis. A faculty in charge of Lab and a laboratory assistant looks after the maintenance of respective laboratory. They are also involved in preparing the budget for the required consumables, new equipment and repairs. 2. Library: All the books are accessioned accordingly by the serial number of accession number and classified subject wise and shelved in the rack according to call numbers regularly. Faculty members of departments can borrow books from Central Library or Dept. Library, and students in their free time can make use of the books available in the Central Library or Dept. Library. One Faculty member is made in charge of the Dept. Library. 3. Sports complex: Sports In charge officer is appointed to ensure maintenance, upkeep of the Sport Complex and any other sport activity of Indoor and Outdoor games. 4. Computers: All sensitive equipment like computers/ lab equipment are supplied power through online ups and all therefore these equipment are taken care of against voltage fluctuations etc. Power back up facilities provided through 63 KV diesel generators. Internet related matter is maintained by a team of Technical assistants under the supervision of Head of Computer Science Department. They maintain the daily band width, usage, band width allocation, sharing etc. 5. Classroom: Well furnished class rooms are cleaned by peon every day. Seminar hall of the department is maintained by departmental attendant Technical Assistant at regular intervals.

<http://www.bdce.edu.in/Utility/ShowPDF/30>

## CRITERION V – STUDENT SUPPORT AND PROGRESSION

### 5.1 – Student Support

#### 5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	ZERO	0	0
Financial Support from Other Sources			
a) National	1) Govt. of India PostMatric Scholarship 2) PostMatric Tuition Fee and Examination Fee ( Freeship) 3) Rajarshi Chhatrapati Shahu Maharaj Shikshan Shulk Shshyavrutti Yojna 4) Scholarship for Students of Minority Communities Pursuing Higher and Profe	1517	90947752.5
b) International	ZERO	0	0

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

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Guest lecture on Electrical Power Generation, Transmission Distribution	09/07/2018	60	Mr. Tejpal Vaghode, Chartered Engineer from UK Certified project manager from PMI, USA
A One day workshop on Android Application Development	19/07/2018	122	Mr. Nakul Deshmukh, Android Trainer and Developer, ibase@Electrosoft, Amravati.
Campus Recruitment Training 201819Aptitude	23/08/2018	591	Campus Track Global Education, Nagpur
Two Day Workshop on Web Page Development using Sublime Text Editor	11/09/2018	42	Mr. Shubham Gaulkar, Alumni Dept. CE, BDCE Sevagram
Three Days Workshop on "Android and IOT Implementation	17/09/2018	64	Mr. Nakul Deshmukh, Android Trainer and Developer, ibase@Electrosoft, Amravati
Guest Lecture on "Emergence and Importance of Geotechnical Engineering"	26/09/2018	70	Prof P.B.Pande, Asstt.professor Department of Civil Engineering, YCCE, Nagpur,
A technical talk on topic Employability Development through Internship program	03/10/2018	39	Mr. Harish Chopkar, Director Pride, Webakruti Infotech Pvt.Ltd., Nagpur.
Alumni Guest Lecture on Industrial Revolution Using PLC SCADA	08/01/2019	36	Mr. Pranav Tidke and Mr. Bhushan Kalsarpe, Alumni, Batch 2018
Alumni Guest Lecture on Opportunities for Electrical Engineer in Abroad	23/01/2019	60	Mr. Navneet Solanki, Support Manager, Toll Holdings Ltd. Melbourne, Australia. Batch 2003
One day Orientation program on topic "Ethical Hacking and Cyber Security"	30/01/2019	64	Mr. Anshul Verma, Trainer, Geekslab Technologies Pvt. Ltd., Delhi.
3 Days Workshop on	06/02/2019	48	Mr. Atul M.

AutoCAD			Raghatate ( M.tech ), working as an lecturer in department of civil Engg. In A.S. Polytechnic, Pipri, Wardha.
A one day workshop on "MIT App Inventor"	09/02/2019	32	Mr. Jayveer Thakur and Mr. Vishal Wandile, Student of final year CE dept., BDCE Sevagram
A Student - Alumni Interaction program	14/02/2019	65	Mr. Anshul Awasthi and Mrs. Amruta Awasthi, Alumni Batch 2019
One day workshop on "Networking",	25/02/2019	18	Ahmed Sir, CMS IT Services, Nagpur
One day workshop on "Python",	26/02/2019	10	Sarvat Haque, CMS IT Services, Nagpur
One day workshop on "Server and Cloud"	27/02/2019	7	Mr. P. M. Wasu CMS IT Services, Nagpur
An Orientation Program for First Year students of Computer Engineering Branch.	15/03/2019	41	Faculties from Department of Computer Engineering, BDCE, Sevagram.
A Student - Alumni Interaction program	05/04/2019	47	GATE Qualify Students and Selected Students, BDCE, Sevagram
<a href="#">View File</a>			

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2018	Campus Recruitment Training 201819 Aptitude	591	591	285	285
2019	Career Guidance for Higher studies and competitive exam.	145	145	8	8

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

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
0	0	0

## 5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
13 Organizations.	985	224	17 Organizations.	331	61

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

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2019	1	BE Electrical Engineering	Electrical Engineering	Tulsiramji Gaikwad Patil College of Engineering and Technology, Mohgaon, Wardha Road, Nagpur	M. Tech (IPS)
2019	5	BE Civil Engineering	Civil Engineering	Bapurao Deshmukh College of Engineering, Sewagram	M. Tech (Structural Engineering)
2019	1	BE Civil Engineering	Civil Engineering	Institute of Infrastructure Studies And Construction Management. Pune	PGDM- Project Management (Infrastructure & Construction)
2019	1	BE Electronics Telecommunication Engineering	Electronics Telecommunication Engineering	College of Engineering, Pune	M. Tech (Signal Processing)
2019	1	BE Computer Engineering	Computer Engineering	Tulsiramji Gaikwad Patil	M. Tech (Wireless Communication)

				College of Engineering and Technology, Mohgaon, Wardha Road, Nagpur	
2019	3	BE Computer Engineering	Computer Engineering	Bapurao Deshmukh College of Engineering, Sewagram	M.TECH. (C.S.E.)
2019	1	BE Mechanical Engineering	Mechanical Engineering	Dr. Ambedkar Institute of Management Studies and Research, Deekshabhoomi, Nagpur.	MBA
2019	1	BE Mechanical Engineering	Mechanical Engineering	Bapurao Deshmukh College of Engineering, Sewagram	M.TECH. (CAD CAM)
<a href="#">View File</a>					

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

Items	Number of students selected/ qualifying
GATE	3
CAT	1
Any Other	4
<a href="#">View File</a>	

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

Activity	Level	Number of Participants
Dance	Institution	143
Singing	Institution	22
Ramp Walk	Institution	229
Drama Mimicry	Institution	46
Carom	Institution	63
Chess	Institution	41
Badminton	Institution	78
Table Tennis	Institution	23
Cricket	Institution	94
Kabaddi	Institution	46
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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	ZERO	National	0	0	0	ZERO
2018	ZERO	International	0	0	0	ZERO
2019	ZERO	National	0	0	0	ZERO
2019	ZERO	International	0	0	0	ZERO

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

In every second / third month of odd semesters of academic year, faculty incharge of Students' Council circulates a notification to respective HOD /incharge for collecting the information about the topper students of I, II, III, IV, V, VI, VII semesters as well as PG (M. Tech), and MBA and also the contribution of such students in sports, NSS and cultural activities for selection of nominee. Principal and faculty incharge of student council conduct a meeting of all the students to constitute Students' Council as per the RTM Nagpur university norms and rules of the college. The candidates filling the nomination paper are required to fulfill following conditions. A candidate student should be a bonafide student on the role of college. He should not have any live ATKT in year of contesting election A candidate student should have minimum percentage attendance in the class as per the norms. A candidate student shall not have any criminal record. The candidate must be regular full time student of institute. The secretary is elected from among the nominated students on the scheduled date given by RTMU Nagpur University. The selection of office bearers suitable for the post is recommended by the panel of principal, faculty incharge of student council. The student council starts its functioning after the declaration of elective nomination for the post by the Principal. The details about the elected secretary of the Students' Council are communicated to the Director of Students Welfare RTM Nagpur University Nagpur. The Students' Council remains in force in the institute for that academic year. The secretary acts as a medium between the student and administration until the oath of next council. The functioning of student council start with the responsibility 1) Smooth conduction of annual gathering COLOUR every year. 2) Conduction of Fresher Day every year for newly admitted students. 3) Prevention of ragging in the campus through counseling senior students, helping the administration whenever necessary. 4) Suggesting the administration to improve the students' amenities. 5) Helping the administration in smooth conduct of student activities on the campus. 6) Guiding the junior and needy students to improve their technical, organizational and managerial skills by organizing seminars, workshops, symposia. 7) Encouraging innovative and creative skills of UG and PG students. 8) Organize the program in the campus to improve the cleanliness and greenery in the campus. 9) Any activity to improve knowledge and skill of the campus student. 10) Maintenance of peace and harmony in the campus community in general and student community in particular.

**5.4 – Alumni Engagement**

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The alumni association was formed in year 1995 at the College level. Alumni Association got registered in the year 2004 with the title Gandhigram Engineers' Alumni Association (GEAA) with registration no. Maha92/2004. Now the GEAA is financially independent which gets contribution from outgoing students towards registration fees. The GEAA carries various activities and programs which are in the interest of alumni as well as institution. The GEAA has prominent members from the Indian Industries, Universities, Trade and Commerce and Multinational Companies. The GEAA started conducting reunion Alumni Meet of those admitted batches that completed 25 years. The first Alumni meet of 1983 batch was held in 2008 and the subsequent alumni meets were successfully organized every year. The Alumni Meet during the AY 201819 was organized on 27th January 2019 by the GEAA for the admitted batches 1996 and 1997, which was nicely coordinated by the alumni Mr. A. B. Tupkar and Mr. P. R. Kamble. In order to get closer to our alumni, the GEAA has also opened two chapters of the association at PUNE and NEW DELHI where most of our alumni are based. Today our alumni are spread throughout India and abroad also. Some of them are serving in well known companies at higher position. We want to link with them and to entrap their knowledge, skill and talent for betterment of our institution. Although the Alumni could not contribute in terms of financial support during the AY 201819, they have actively involved and supported in academics. The alumni Mr. Anshul Awasthi and Mrs. Amruta Awasthi delivered a seminar to the students of Computer Engineering on 14th February 2019. An interaction program for the Third Year and Final Year students of Computer Engineering Department was organized wherein GATE qualified alumni interacted with the students on 5th April 2019. Department of Electrical Engineering organized a Guest Lecture on "Industrial Revolution Using PLC SCADA" of our alumni Mr. Pranav Tidke and Mr. Bhushan Kalsarpe on 8th January 2019 for the students of Electrical Engineering. One of our eminent alumni Mr. Navneet Solanki, who is Support Manager at Toll Holdings Ltd. Melbourne, Australia, delivered a Guest Lecture on "Opportunities for Electrical Engineer in Abroad" on 23rd January 2019 for the students of Electrical Engineering.

5.4.2 – No. of enrolled Alumni:

84

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

1) 14/08/2018 General Meeting 2) 21/12/2018 Office Bearers Meeting 3) 28/12/2018 General Meeting 4) 18/03/2019 Office Bearers Meeting 5) 27/01/2019 Alumni Meet of 1996 \_1997 Batch

## **CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT**

### **6.1 – Institutional Vision and Leadership**

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

1. Participative management in organization of National Level activity for students "TechFest WheelSpin 2019" on 21st February 2019. As a part of quality improvement initiative, all the Faculty Members, Heads of Departments, Administrative Staff, Students Representatives along with Director together discussed various aspects of planning and implementation of national level technical activity for the students. Mechanical Engineering Department agreed to organize the event. Budget for event was approved in the meeting of Board of Governors. Various committees were constituted in the meeting of heads of departments. a. Brochure Preparation, Papers Inviting, Acceptance Committee b.

Papers Scrutiny and Printing Distribution of the conference proceedings committee c. Registration Kit Committee d. Guest Speaker Invitation and escorting Committee e. Stage Seating Arrangement Committee Aesthetics/Ambience Management Decoration f. Hospitality and catering committee g. Report, Media Photographs Committee h. Finance Committee. In each committee, there was involvement of teaching , non teaching staff along with students. Out of the total 18 events of the Techfest, presentation of Technical Paper was the main. 1400 students from various institutes of the country participated in the Techfest. 139 technical papers were presented in the paper presentation contest and total 48 prizes were given to the winners of the various events. 2. Decentralization and participative management in registration of students under various scholarship schemes. Earlier to academic year 201819, the work of creating awareness and registration under various scholarship schemes available for regular students was carried out by the central scholarship section of the Principal office. Due to centralized implementation, institute was facing serious problem of non receipt of scholarship / College fees at the right time. This issue was discussed in the meeting of IQAC and as per the direction of IQAC , the said work was assigned to the heads of engineering departments. After cut of date of admission process, detailed category wise information of admitted students were given to each head of department. Each department constituted a committee consisting of six members one each from teaching and non teaching and four students representatives. This committee created the awareness regarding various scholarship schemes available for students, helped students to fill on line forms. Timely submission of scholarship forms and reimbursement of scholarship/Colleges fees from State and Central Government was the output of the decision taken for getting various scholarship/College fees without delay.

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

Partial

## 6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Curriculum Development	Being the affiliated institute to RTM Nagpur University, Nagpur, our institute was not allowed to design our own curriculum. During the year 201819, the University incorporated some minor changes in the syllabus of elective subjects of M.Tech CBCS Scheme and modified passing criterion for BE CBS Scheme. Meetings of Board of Studies for preparing CBCS Scheme for MBA courses were held during the year 201819 and senior faculty members of our institute participated in the same. However, institute has organized field visits for the students for establishing rapport between theory practical knowledge.
Teaching and Learning	During the year 2018, institute aligned the teaching pedagogy with outcomebased education model. Number of ICT classrooms and labs were increased to enhance ICT based teaching. Google

classroom was effectively implemented across entire organization by some of the faculty members. This platform was used to disseminate valuable information like, eclass notes, Web Links NPTEL Lectures, Mooc courses, Internal Assignments, Quizzes, etc. Students were encouraged to share information in the teaching process. The student's performance was assessed continuously through various assessment tools including classroom performance, tutorials, quizzes, assignments and internal examination. Feedback from stakeholders were obtained for assessing quality improvement.

**Examination and Evaluation**

The end semester examinations are conducted by the RTM Nagpur University and continuous internal assessment is carried out by the institute. Internal assessment constitutes 20 to 50 weightage in the overall score and varies for different courses. Continuous evaluation was exercised through class tests, MCQs, home assignments, Lab Exercises etc. Class tests were conducted over two units of syllabus. Satisfaction in evaluation process was ascertained by showing the students their evaluated answer scripts. In addition to this, students were encouraged to participate in mini mega projects, model exhibition, programming skill competitive examinations, paper presentation, workshop, seminar etc

**Research and Development**

Research policy was revisited post NAAC Audit. New policy encouraged faculty to indulge in Active research. Library resource was updated with various e journals e books. 19 workshops/seminars were organized on IPR IndustryAcademia innovative practices. Students/Teachers/Scholars bagged 13 awards for innovation work. 16 Ph D degrees were awarded through Institutional Centre for Higher Learning Research. 16 Faculty members published their research papers in the journals notified on UGC website. 60 papers were presented in National and International conferences. The institute has credited citation index and h index to its account.

**Library, ICT and Physical Infrastructure / Instrumentation**

Library has been updated immensely. New Software Sack Info 205 ERP, fully automated library software has been



ordered. E journals, ebooks have been subscribed. Number of books and journals were added as per requirement of the departments. ICT is a major emphasis area for the institution and several ICT initiatives have been undertaken. Infrastructural requirements were reviewed in the beginning of academic session. New classrooms, hostel facilities, sports complex, faculty cabins and Renovation of campus roads were prepared. Also most of the companies during placements, conducted online test in campus with the updated internet speed.

Human Resource Management

Overall satisfaction among employees is indicative of fairly good practices. Self Performance appraisal system was implemented during the year 2018. Staff outreach programmes were regularly initiated for twoway communication and better engagement. Various orientation and enrichment programmes were organized for both teaching and nonteaching staff members for upgrading their skills in the latest technology. Biometric, CCTV facility was used for human resource management. 15 Committees/Cells were formed to properly utilise the expertise of faculty members in various fields, for overall development of the college

Industry Interaction / Collaboration

Being situated in the rural area, industry collaboration always remains a challenge for the institute. Yet significant progress has been made in this important area during the year 2018. Linkages with industries for internship, onthe job training, project work, sharing of research facilities were established. More than 500 students have undergone internship and training programs through Training Placement Institution Industry Cell. At the end of year 2018, institute has signed 9 MoU with the nearby industries.

Admission of Students

Separate admission committee comprised of teaching and non teaching staff of the college was framed in the beginning of the year 2018. On line registration facility for Institute level admissions was made available. Being private institute and agreed to be member of Central Admission Process of State Government, all the admissions except institute level quota were made by CET

Cell of the State Government. Institute level admissions were made on the same line as of CET Cell on merit basis. Several outreach programmes were conducted to apprise students about the initiatives and achievements at BDCE.

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

E-governance area	Details
Planning and Development	For salary and leave, software prepared by our computer programmer was used for preparing salary and uploading salary slips. For internal communication with stakeholders, Institute used its own LAN connection. Institute maintained its website <a href="http://www.bdce.edu.in">www.bdce.edu.in</a> to communicate its philosophy and updates to external stakeholders.
Administration	For finance and account and students admissions, software prepared by Masters software Company located at Nagpur was used. For internal communication with stakeholders, Institute used its own LAN connection. Institute maintained its website <a href="http://www.bdce.edu.in">www.bdce.edu.in</a> to communicate its philosophy and updates to external stakeholders. Biometric attendance recording system was also used by the institute.
Finance and Accounts	For finance and account, software prepared by Master Software Company located at Nagpur was used. For internal communication with stakeholders, Institute used its own LAN connection.
Student Admission and Support	For students admissions and support, software prepared by Master Software Company located at Nagpur was used. For internal communication with stakeholders, Institute used its own LAN connection.
Examination	During the year 2018, no e-governance tool was used by the institute. However, from the year 2019 onwards for Sack Info 2.5 ERP was given to Nagpur based Company for covering all parameters i.e. planning development, administration, finance and accounts, students admission, examinations, HR Management etc.

#### 6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	Mr.G D Korde	Smart Sensors and Systems: From Simple Sensing to IOT Cyber Physical Systems	Not Applicable	10000
2018	Mr.S.A.Dhande	Smart Sensors and Systems: From Simple Sensing to IOT Cyber Physical Systems	Not Applicable	10000
2018	Mr.M.R.Nikhari	Wind Effect On Structures	Not Applicable	3000
2018	Mr.M.M.Lohe	Wind Effect On Structures	Not Applicable	3000
2018	Mr.V.A.Kalmegh	Wind Effect On Structures	Not Applicable	3000
2018	Mr.N.M.Chore	Speech and Video Processing with its Applications	Not Applicable	3000
2018	Mr.M.R.Nikhari	Hazardous Material Managers	Not Applicable	5000
2018	Dr.V.R.Ingle	NPTEL Workshop	Not Applicable	5000
2018	Mr.M.N.Thakare	NPTEL Workshop	Not Applicable	5000
2018	Ms.J.D.Dhande	Machine Learning	Not Applicable	3000
2019	Mr.R.D.Kadam	Student Centric Learning Apart From Chalk and Talk	Not Applicable	3000
2019	Mr.M.N.Thakare	Student Centric Learning Apart From Chalk and Talk	Not Applicable	3000
2019	Mr.P.R.Khobragade	Advance computing methods in Civil Engineering systems	Not Applicable	10000
2019	Mr.V.A.Kalmegh	Remote sensing and GIS Image Processing using FOSS for	Not Applicable	10000

		urban planning		
2019	Mr.M.R.Nikhar	Remote sensing and GIS Image Processing using FOSS for urban planning	Not Applicable	10000
2019	Dr.V.R.Ingle	Rooftop Solar Grid Engineer	Not Applicable	3000
2019	Ms.J.D.Dhande	Microcontroller s Embedded Systems through ICT	Not Applicable	1000
2019	Ms.J.B.Fulzele	Application of Digital Signal Processing Techniques for Power Electronics Systems	Not Applicable	10000
2019	Mr.S.D.Zilpe	Application of Digital Signal Processing Techniques for Power Electronics Systems	Not Applicable	10000
2019	Mr.N.M.chore	Performance Analysis of PAPR Reduction Technique based on PTS - Adaptive Clipping for MIMO OFDM with different modulation Scheme	Not Applicable	15000
<a href="#">View File</a>				

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

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	Not Applicable	Training for online registration of students on DBT Portal	16/07/2018	21/07/2018	10	20

2019	Entrepreneurship research Opportunities in renewable energy	Not Applicable	01/03/2019	01/03/2019	15	0
2019	DevOps and cloud computing	Not Applicable	22/04/2019	24/04/2019	15	0
<a href="#">View File</a>						

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Smart Sensors and Systems: From Simple Sensing to IOT Cyber Physical Systems	2	22/10/2018	27/10/2018	06
Speech and Video Processing with its Applications	1	12/11/2018	17/11/2018	06
Machine Learning	1	10/12/2018	15/12/2018	06
Advance computing methods in Civil Engineering systems	1	25/02/2019	01/03/2019	07
Remote sensing and GIS Image Processing using FOSS for urban planning	2	04/03/2019	10/03/2019	07
Rooftop Solar Grid Engineer	1	15/03/2019	26/03/2019	09
Microcontrollers Embedded Systems through ICT	1	25/03/2019	29/03/2019	05
Application of Digital Signal Processing Techniques for Power	2	13/05/2019	18/05/2019	06

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
60	39	150	24

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<p>1. Provident Fund Scheme as per government norms is applicable for all the regular employees 2. Group Insurance Scheme for permanent staff 3. Maternity leave with salary 4. Extended maternity leaves and permission to leave early for ladies staff members whose children are below one year is given 5. Gratuity 6. Special Casual Leave facility to attend Seminar, workshop and other University assignments. 7. Study Leave for qualification up gradation. 8. Campus Staff Quarters for selected teaching staff 9. Felicitation on award of Ph. D 10. 50 concession in tuition fees of wards of teaching staff. 11. Training in Industry 12. Annual medical check up 13. Availability of Credit Cooperative Society and Store 14. Organization of Cultural Programmes 15. Wi Fifacility/ Internet Dongles/Laptops have been provided for Key Post Staff. 16. Sportsmeets are organized every year. 17. Felicitations of meritorious wards of the teaching staff 18. Financial aid up to Rs 10 lakh in case of medical/accidental emergency 19.</p>	<p>1. Provident Fund Scheme as per government norms is applicable for all the regular employees 2. Group Insurance Scheme for permanent staff 3. Maternity leave with salary 4. Extended maternity leaves and permission to leave early for ladies staff members whose children are below one year is given 5. Gratuity is payable to the employees after 5 years of permanent service. All staff members are eligible for this benefit. 6. Study Leave for qualification up gradation. 7. Campus Staff Quarters for selected nonteaching staff 8. 75 concession in tuition fees of wards of teaching staff. 9. Annual medical check up 10. Availability of Credit Cooperative Society and Store 11. Organization of Cultural Programmes 12. Sports meets are organized every year. 13. Felicitations of meritorious wards of the non teaching staff 14. Financial aid up to Rs 10 lakh in case of medical/accidental emergency 15. Remuneration in consultancy projects/works 16. Provision of Festival advances 17. Uniforms for</p>	<p>1. Tuition Fee Waivever Scheme 2. Scholarship for meritorious Students 3. Book Bank Scheme for reserved category Students 4.</p>

Remuneration in consultancy projects/works 20. Festival advances for teaching staff

Security and Class IV staff. 18. Washing Allowances to Class IV Staff.

#### 6.4 – Financial Management and Resource Mobilization

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

Internal audit: The accounts and procedures of internal control of finance are carried out by the head of the accounts team on a day to day basis. The Accounting software, 'Tally' was used to manage the entries of day to day transactions. Accordingly, every expense voucher is recommended by the head of the department and approved by the Principal/Director. All vouchers are audited by the account section of the institute on half yearly basis. It covers examination of revenues and payments. The management has created a system to ensure that cash book is checked on timely basis. External Audit: External audit for the year ending on 31st March 2019 was carried out by the external auditor appointed by the parent trust. During the audit all bank and cash transactions, ledger scrutiny, analysis of fixed assets register, cash book, advance register, checking of bank reconciliation statement, scrutiny of all documents relating to purchase of fixed assets were scrutinized by the audit team. The report of external auditor along with audited Statements was sent to the Management for review. The audit of accounts and submission of income tax returns were carried out within the prescribed dates of the authorities.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
ZERO	0	ZERO
<a href="#">View File</a>		

6.4.3 – Total corpus fund generated

5000000.00

#### 6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic			Yes	IQAC of the Institute
Administrative			Yes	College Development Committee

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

1. Regular meetings of parentteacher association since orientation programme of 1st year students. 2. Diversified need of the students belonging to different backgrounds are brought into notice of Board of Governace. 3. Feedback from parents are analyzed and used for quality improvement

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

1.Orientation programme for use of ICT Tools 2.Encouragement for pursuing

higher education 3. Awareness talk on health and hygiene.

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

1. Decentralized system of awareness registration of Scholarship forms on DBT Portal 2. Formation of 15 Committees as per guidelines of AICTE/RTM Nagpur University/ UGC/ Maharashtra Government for decentralized and participative management. 3. MoU with nearby industries.

6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	Feed back collected from Alumni	15/12/2018	12/01/2019	27/01/2019	32
2019	Orientation Program Ethical Hacking and Cyber Security	13/10/2018	30/01/2019	01/02/2019	35
2019	Feed back collected from parents	15/12/2018	01/02/2019	09/02/2019	58
2019	Submission of data for AISHE Portal	13/10/2018	01/01/2019	14/02/2019	10
2019	Organization of National TechFest WheelSpin2019 for Students	13/10/2018	21/02/2019	21/02/2019	1400
2019	Feed back collected from students	15/12/2018	25/03/2019	25/04/2019	1097
2019	Academic Audit of Institute	13/10/2018	13/05/2019	15/05/2019	98

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**CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES**

**7.1 – Institutional Values and Social Responsibilities**

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

Title of the	Period from	Period To	Number of Participants
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programme			Female	Male
A Guest Lecture on the Topic "Raising Awareness in Women Health Issues" by Dr.Sarika Chaware, Asst.Professor JNMC, Sawangi.	13/10/2018	13/10/2018	80	0
Seminar on "Human Rights, Indian Judiciary System and The Constitution of India and Ideas of Mahatma Gandhi" by Dr.Prashant Godghate , Organized under National Service Scheme.	13/01/2019	13/01/2019	75	86
Two days workshop on topic "Smart Girl" for first year to final year students. Coordinated by Dr.P.S.Sawadh and Prof.J.D.Dh ande.	19/01/2019	20/01/2019	80	20
Photo-shoot Competition, Provide an opportunity for discovery, expression and creativity regardless of age, ability, gender, background or culture. Event was organized by Electrical Department and Coordinated by Prof.S.D.Zhilpe .	19/03/2019	19/03/2019	20	25

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

Percentage of power requirement of the University met by the renewable energy sources

a) Water management: As such, wise use of water is a general practice in the college. In most of the department, attempt is made for rainwater harvesting.

b) Waste management: Land filling is the general waste management strategy adopted by the college. and there is no management plan for managing inorganic waste, especially plastics. Further, proper discarding of solid wastes is a common practice in many segments of the campus. However, most of the departments are now following green charter and started avoiding flex banners and plastic carry bags and cups for social functions and academic programmes. Waste water is properly disposed off. College follows proper arrangement for handling of ewaste. c) Energy management: Most of the buildings are well ventilated and having good day light facility. Old energy consuming street lights have been replaced by LED street lights. Most of the CFLs are replaced by LED bulbs and LED tube Lights. d) Landscape/environment: The College campus is totally ecofriendly. The tree Plantation Drive is organized every year by the students and staff of various departments of our college to make the campus lush green. Every building in the campus is surrounded by trees and lawns. e) Transportation: Majority of the students in the campus relies on own transport facility mostly two wheeler. Few staff and students are using public transport and bicycle.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	3
Ramp/Rails	Yes	2
Rest Rooms	Yes	3
Scribes for examination	Yes	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	1	02/07/2018	300	Project Electronics and telecommunication	Solar Powered Seed Sowing System	5
2019	1	1	02/07/2018	300	Project Electronics and telecommunication	Agro and Domestic based utility	5
2019	1	1	02/07/2018	300	Project Electronics and telecommunication	Fertilizer Dispensing System	5
2019	1	1	02/07/2018	300	Project Civil Eng	"PERENNIAL SOURCE	8

					ineering Departmen t	OF WATER OF ANNASAGAR LAKE". In this project study was conducted on the waste water obtain from MGIMS campus which will further treated and then it will disposed in AnnaSagar Lake.	
2019	1	1	02/07/2018	300	Project Civil Eng ineering Departmen t	"DESIGN OF WATER SUPPLY SCHEME FOR WADGAON JANGLI VILLAGE". In this study concerns for the design of rural water dis tribution systems in develo ping countries is discus sed.	8
2019	1	1	02/07/2018	300	Project M echanical Engineeri ng Depart ment	"Design and fabri cation of potato Harvester cum colle ctor". This machine is very	8

						useful to separate potato from soil without any damage.	
2019	1	1	02/07/2018	300	Project Mechanical Engineering Department	"Design and development of miniature Dal Machine". This machine is compact in size, less power consuming and comparatively cheaper from other available dal Mill.	7
2019	1	1	02/07/2018	300	Project Mechanical Engineering Department	"Design and fabrication of Roselle (Ambadi) petals separating Machine". This machine reduces the human efforts comparing with existing traditional method.	9
2018	1	1	05/09/2018	1	Teachers Day and Tree Plantation under National Service Scheme Coordinated by Prof.M	Importance of plantation	70

					.S.Jibhakte		
2018	1	1	02/10/2018	1	Satbhavna Pad Yatra under National Service Scheme Coordinated by Prof.M .S.Jibhakte	Work for peace and harmony in the society	110
2018	1	1	20/12/2018	1	Shramdan (College Campus Cleaning)150th Birth Anniversary year of Mahatma Gandhi 62nd Death Anniversary of Saint Gadge Baba under National Service Scheme	To Inculcate value of Shramnisha Jivan	50
2019	1	1	09/03/2019	1	Visit to Center of Science for Villages (CSV) Dattapur, Wardha, guided by Dr.Soham Pandya, Secretary Executive Director CSV Dattapur, Wardha, Coordinated by Prof .M.S.Jibhakte	Village development schemes	48
2019	1	1	28/03/2019	5	Environmental Science E	Development of love and	30

					<p>Exhibition guided by Shri. Murlidhar Belkhode, Persident, Nisarg Sewa Samiti, Wardha organized by Mechanical department and NSS. Environmental Science Exhibition guided by Shri. Murlidhar Belkh</p>	<p>Concern for mother nature. Development of love and Concern for mother nature.</p>	
2019	1	1	18/04/2019	5	<p>STTP on "Rural Engineering" at Dattapur Wardha, Conducted by CSV, Wardha..</p>	Rural Development	30

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

Title	Date of publication	Follow up(max 100 words)
<p>Hand Book of Code of Conduct of BDCE</p>	01/01/2018	<p>Institute runs as per the norms mentioned in handbook. It is annually reviewed revised if needed</p>

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
<p>International Yoga Day celebration. Dr. Reshma Raghatate, President, Wardha District Yoga Association</p>	21/06/2018	21/06/2018	120
<p>Blood donation camp in association with Blood Bank, Kasturba Hospital Sevagram 47 bags.</p>	08/08/2018	08/08/2018	110

Distributin of Albendazol 400 mg. Tablets on the occasion of DEWORMING DAY celebration in association with PHC, Kharangana Gode	13/08/2018	13/08/2018	160
150th Mahatma Gandhi Jayanti Year,celebration. (Satbhavana Pad Yatra) organized under NSS and coordinated by Prof.M.S.Jibhakate	15/08/2018	15/08/2018	210
The Debate Competition "WAAD"	17/01/2019	17/01/2019	40
Participation in National Voters Day In order to encourage more young voters to take part in the political process. Mr. Shailesh Nawal IAS, District Collector Wardha. Was the chief guest of the program.	25/01/2019	25/01/2019	240
Republic day celebration Flag Hoisting Tree Plantation at BDCE, Campus.	26/01/2019	26/01/2019	230
Tree Plantation program To aware students about Social responsibility by Electronics and Telecommunication department.	26/01/2019	26/01/2019	50
"SHIVSPARSH2k19" Celebration of Shivaji Maharaj Jayanti. Shri. Pravin Deshmukh was the chief guest of the program.	20/02/2019	20/02/2019	200

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

1. Use of campus and garden waste for making compost
2. Green landscaping with trees and plants
3. Paper less working and plastic free campus
4. Rain water

harvesting. 5. Posters are displayed in the campus for water saving, avoiding polythene, uses of dustbin etc.

## 7.2 – Best Practices

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

1. **Science Fest** :\_ **Context of the Practice:** The College receives more students from rural areas. Many are first generation learners and slow learners. There is a need to make them fond of science and create awareness among them about the latest developments in science and technology. **Objective of the Practice:** (i) To inculcate the values essential for scientific approach. (ii) To explore the hidden potential of young learners and thereby developing leadership qualities among students. **The Practice:** The practice is one of institutional coordination for reinforcing teamwork. This practice is also a part and parcel of institutional social responsibility. Every year a Science Fest is organized and hosted by the First Year Students' Association (FYSA) of the College and coordinated by the different departments of Basic Sciences on rotation basis. Students of the schools and junior colleges participate in this mega event in the different tracks like SciPost (Poster Presentation), SciQuest (Quiz Competition), SciPresent (Paper Presentation), SciSplash (Model Making Competition), etc. The transportation and food facility is provided to all the participant students by the College. The winners are given cash prizes and all the participants are given Certificate of Participation which serves as a great motivation to the students in general and students of rural areas in particular. During the Academic Year 201819 about 329 students participated in the Science Fest2019 which was hosted by the Department of Applied Chemistry in alliance with First Year Students' Association (FYSA). **Obstacles Faced and Strategies Adopted:** Most of the students being situated in rural areas hesitate to participate in the event because of financial constraints and lack of motivation. The College provides such students transportation and free registration facility. These students are also counseled and motivated through another platform "Margdarshan: Exploring Careers, Unlocking potential" (MECUP) by our teachers. **Impact of the Practice:** Students not only of Wardha District but nearby districts also participate enthusiastically and wholeheartedly in the event every year. Presentation skills and scientific perspective of the students is enhanced to a significant extent. Some working or prototype models and posters depicting existing problems of the society in an exemplary way are outstanding and every year achieves higher and higher levels. **Resources Required:** Committed faculty and students, adequate as well as advanced infrastructure facilities and support of the stakeholders including educational institutions, social organizations, alumni and experts and financial assistance from the College.

2. **Rural Based Projects:** **Context of the Practice:** Project work at Final Year level of the Undergraduate Program of Bachelor of Engineering is mandatory as a part of curriculum as per the RTM Nagpur University directives. Since the College is situated in the rural area, we are committed to make our students understand various socioeconomic problems of the rural area and address at least some of them with technical solutions as a part of our social responsibility. **Objective of the Practice:** (i) Match experimental learning with cognitive conceptualization of rural problems. (ii) Thrust area to make available handy and affordable technological solutions for various agricultural and allied activities. **The Practice:** The practice is one of institutional social commitment and responsibilities. While making the allotment of projects at Final Year (7th Semester) level some selfmotivated students are identified to undertake certain projects based on rural problems so as to develop and demonstrate appropriate rural technologies which are ecologically sound, economically viable and socially just. With an objective to develop certain prototype that may be commercialized further, the College has signed MoU with nearby organizations such as Mahatma Gandhi Institute for Rural



Industrialization (MGIRI), Centre of Science for Villages, Kamalnayan Jamnalal Bajaj Foundation, etc. This collaboration provides a platform to rural innovation with specialists and experts in science and technology, to provide them with necessary technological inputs to optimize innovated processes and products. Many such projects are carried out by our students based on rural conditions and local demands which are acclaimed by the different committees visiting the College. Obstacles Faced and Strategies Adopted: Some obstacles encountered while carrying out rural based products are real time data, varied local conditions, financial constraints, real time testing, lack of commercialization of the product. Since most of the students belong to poor financial background, attempts are made to get local sponsorship for the projects and sometime funds are provided by the College. Some projects are taken to the location for real time testing, if demand is there from the end users so that further commercialization of the product can be made. Impact of the Practice: This practice has been sustained and successfully being carried out in the College over three decades. The rapport established between rural society and College has elicited a good response from students both in analyzing, evaluating and applying the engineering knowledge in these real time projects. The readiness of some prototypes to launch commercially have greatly benefited to the students as well as the College. Existence of huge display of all such prototypes in the campus is an evidence of the success of the practice. Resources Required: Committed faculty and students, adequate as well as advanced infrastructural facilities and support of the stakeholders including local industries, social organizations, NGOs and financial assistance from the College.

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

<http://www.bdce.edu.in/Utility/ShowPDF/32>

### 7.3 – Institutional Distinctiveness

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

Margdarshan: Exploring Careers, Unlocking Potential (MECUP) Choices play important roles in shaping the course of our lives. A career choice is one of them which are extremely pivotal. A wise choice leads to a brighter future. Wardha is a small district where around 70 of the population lives in rural areas. Many students of rural area who pass matriculation examination are clueless about their careers. They either select streams imposed by their parents or follow their friends. Very few students are able to select careers of their liking. Lack of career guidance often creates situations where students are wrongly influenced by their peers and others and opt for the wrong career many times. Like underprivileged students, these rural students, specific to their rural residence, face acute challenges such as limited financial resources for further professional education, poor academic performance, lack of proficiency in the English language, and fear of failure. Therefore, we strongly felt a need for professional career guidance in rural areas. From this perception and perspective, as a part of our social commitment we started an initiative "Margdarshan: Exploring Careers, Unlocking potential" (MECUP) in the year 2018. Through this unique platform we offer free of cost professional career counseling to the students of rural areas to know about new avenues and pick careers according to their talent. Dr. Ram Panchariya, Head of the Department of Management Studies is shouldering this responsibility as a team lead and about 3035 devoted and dynamic teachers are assisting him in this noble social cause. Distributed in small teams they visit the schools and junior colleges in remote areas not only of Wardha District but nearby villages of Vidarbha region also to offer professional career counseling at free of

cost. This MECUP initiative is helping students to select career of their own choice and till this year about 5,000 students of rural areas have been benefitted. The details of counseling programs conducted through this initiative at various schools during the Academic Year 201819 are summarized below. Name of School/Jr. College Date of Visit Deepchand Choudhary Junior Science College, Seloo 26/12/2018 Yeshwant Junior College, Seloo 26/12/2018 GBM Municipal Junior College, Hinganghat 27/12/2018 RS Bidkar Arts Commerce Junior College, Hinganghat 27/12/2018 Nilkanth Murar Ghatwai Arts Science College, Wadner 27/12/2018 Z.P. Mahatma Gandhi Junior College, Lakhani 28/12/2018 Vidya Vikas Junior College, Sindi Railway, Tq. Seloo 28/12/2018 Hutatma Rashtriya Junior College, Ashti 28/12/2018 Lokmanya Junior College, Ashti, Dist. Wardha 28/12/2018 Sau. Ramabai Wazurkar Nagar Jr. College, Sindi Railway, Dist. Wardha 31/12/2018 Model Junior College, Karanja, Dist. Wardha 02/01/2019 Z.P. Jakatdar Junior College, Bhandara 03/01/2019 NP Gandhi Junior Science College, Bhandara 03/01/2019 Jeevan Vikas Mahavidyalaya, Thugaonde, Dist Nagpur 04/01/2019 Neharu Vidyalaya and Junior College, Chimur, Dist. Chandrpur 04/01/2019 Funde Science Junior College, Gondia 04/01/2019 Late B N Chaudhary Junior Science College, Jalalkheda, Dist. Nagpur 04/01/2019 Gramgita Junior Science College, Chimur, Dist. Chandrpur 04/01/2019 Nadekar Junior College of Science, Narkhed, Dist Nagpur 04/01/2019 Indira Gandhi Vidyalaya, Allipur Tq. Hinganghat 08/01/2019

Provide the weblink of the institution

<http://www.bdce.edu.in/Utility/ShowPDF/31>

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

Future plans of the institute are primarily aiming at scaling the intellectual environment of the institute. This includes aiming at inducting a better quality of students, faculty and intellectual output. The future plans of action of the institution for next academic year i.e. 201920 are as follows: 1. Enhancement in Research activities: Institution strongly believes that academic research can strongly contribute to corporate decision making and has a well developed research plan for the upcoming year. The institution plans to host international conference in the upcoming year. The objective of these research based forums will be to serve as interdisciplinary and multidisciplinary avenues for exchange of business ideas, best research practices and research outcomes, for the benefit of the corporate professionals, industry practitioners, academicians and researchers at large. 2. Implementation of New ERP Software: The institute has planned to make use of new ERP Software designed, developed Maintained by SyNchRonik Inc. having more than 10 modules related with academic, finance, administration, library, placement, social media activities. 3. Establishment of professional chapter: Institute has planned to establish the professional chapter of Indian Society for Applied Mechanics (ISAM) in the next year. 4. Enhancement in IndustryInstitute interaction: In order to bridge the gap between industry class teaching, institute has planned to organize IndustryInstitute Interaction (III) Meet in the next year. 5. Increase in financial resource mobilization: Institute has planned to obtain more funds/grants from government and non government organizations by applying under various schemes for the institutional growth.