

# **Annual Quality Assurance Report (AQAR) of the IQAC**

Submitted to  
National Assessment and Accreditation  
Council (NAAC)

By



Education to Eternity

**J D College of Engineering and  
Management,  
Kalmeshwar Road,  
Nagpur 441501  
(An Institute Accredited by NAAC –A Grade)  
Maharashtra  
2017-18**

# The Annual Quality Assurance Report (AQAR) of the IQAC

## Part – A

### 1. Details of the Institution

1.1 Name of the Institution

JD College of Engineering &  
Management

1.2 Address Line 1

Near Hanuman Temple, Borgaon  
Fata,

Address Line 2

Kalmeshwar Road, Nagpur-441501

City/Town

Nagpur

State

Maharashtra

Pin Code

441501

Institution e-mail address

principal@jdcoem.ac.in

Contact Nos.

09657720271,9823583089,9421632  
159

Name of the Head of the Institution:

Dr.S.R.Chaudhari

Tel. No. with STD Code:

Mobile:

09657720271

Name of the IQAC Co-ordinator:

Dr.Ujwala Dange

Mobile:

09011010038

IQAC e-mail address:

usdange@jdcoem.ac.in

**1.3 NAAC Track ID**

MHCOGN 26922

**1.4 NAAC Executive Committee No. & Date:**

EC(SC)27/A&A/38.1 dated 12/9/2017

*(For Example EC/32/A&A/143 dated 3-5-2004.  
This EC no. is available in the right corner- bottom  
of your institution's Accreditation Certificate)*

**1.5 Website address:**

www.jdcoem.ac.in

Web-link of the AQAR:

www.jdcoem.ac.in/pdf/AQAR.pdf

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

**1.6 Accreditation Details**

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	A	3.16	2017	2022
2	2 <sup>nd</sup> Cycle				
3	3 <sup>rd</sup> Cycle				
4	4 <sup>th</sup> Cycle				

**1.7 Date of Establishment of IQAC :** DD/MM/YYYY

18/7/2016

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

2017-18

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

- i. AQAR \_\_\_\_\_ (DD/MM/YYYY)4
- ii. AQAR \_\_\_\_\_ (DD/MM/YYYY)
- iii. AQAR \_\_\_\_\_ (DD/MM/YYYY)
- iv. AQAR \_\_\_\_\_ (DD/MM/YYYY)

**1.10 Institutional Status**

University State  Central  Deemed  Private

Affiliated College Yes  No

Constituent College Yes  No

Autonomous college of UGC Yes  No

Regulatory Agency approved Institution Yes  No

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

Type of Institution Co-education  Men  Women

Urban  Rural  Tribal

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

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

**1.11 Type of Faculty/Programme**

Arts  Science  Commerce  Law  PEI (Phys Edu)

TEI (Edu)  Engineering  Health Science  Management

Others (Specify)

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

Dr. Babasaheb Ambedkar  
Technological University

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

Autonomy by State/Central Govt. / University

University with Potential for Excellence

UGC-CPE

DST Star Scheme

UGC-CE

UGC-Special Assistance Programme

DST-FIST

UGC-Innovative PG programmes

Any other (Specify)

UGC-COP Programmes

**2. IQAC Composition and Activities**

**2.1 No. of Teachers**

12

**2.2 No. of Administrative/Technical staff**

01

**2.3 No. of students**

01

**2.4 No. of Management representatives**

01

**2.5 No. of Alumni**

01

**2.6 No. of any other stakeholder and  
community representatives**

01

**2.7 No. of Employers/ Industrialists**

02

**2.8 No. of other External Experts**

02

**2.9 Total No. of members**

21

**2.10 No. of IQAC meetings held :08**

**2.11 No. of meetings with various stakeholders:**

No.

Faculty

Non-Teaching Staff Students

Alumni

Others

**2.12 Has IQAC received any funding from UGC during the year?**

Y

If yes, mention the amount

**2.13 Seminars and Conferences (only quality related)**

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

Total Nos.

International

National

State

Institution Level

(ii) Themes

1. International Conference on Sustainable Development
2. Phd Research in Engineering and Management
3. Bridging Student Teacher Gap through Emotional Intelligence
4. Enhancing Moral, Emotional and Ethical (MEE) Competencies amongst Engineering & Management Students: The Need to shift in Pedagogy (AICTE Sponsored)
5. All about Patents and Copyrights
6. Holistic Wellness of teachers
7. Tuning With Rhythm
8. Engineering Teaching: The need to redefine and revisit
9. NABL accreditation in Engineering Colleges

**2.14 Significant Activities and contributions made by IQA**

1. Academic Audit
2. Mandatory Internship after every semester
3. Audit Courses for Skill Enhancement, Soft Skills, Dance, Drama, Music
4. PMYUVA modules on Entrepreneurship Development
5. Management Development Programmes for industrial houses
6. IEEE, IETE students chapter
7. Social Internship
8. Online Admission process

## 9. Revisiting the Engg.Pedagogy

### 2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year \*

Plan of Action	Achievements
Academic Audit	The system of Academic Audit was implemented twice a year. The Cross Departmental teams conducted the audits. This has been positively reflected in the improvement in the teaching learning processes.
Research Awareness Workshops	The series of Workshops by engineering veterans were conducted round the year. The number of teachers were selected for doctoral research under QIP at IITs and Semi Govt. institutes.
Patent Awareness	The sessions on “ How to file Patent, GI” were conducted. Two patents were applied by the faculty members.
Audit Courses	The CRT training courses were floated as Audit courses. This increased the placement percentage
Administration of Admissions	The Admission process was reworked and the process became hassle free.
Lifelong Learning	The NPTEL modules were made compulsory for teachers and students. The college has bagged the Most Active NPTEL chapter award by IIT Mumbai. The project report of final year RTMNU students must contain NPTEL certification of the related domain.

\* Attach the Academic Calendar of the year as Annexure I.

**2.15 Whether the AQAR was placed in statutory body**      Yes      No

Management       Syndicate       Any other body

Provide the details of the action taken:

- 1 .Formation of Centre for Research & Industrial Consultancy & Patents(CRICP) to give stimulus to R&D.
2. Academic Audit
- 3 . Academic Clearance
4. Organization of International Conference ICATSD.
5. Application and sanction of ISTE-AICTE sponsored Short Term Training Program
6. Impetus to participation of students in sports and cultural activities.
- 7 Formation of E Cell to impart systematic training under PMYUVA on entrepreneurship.
8. Industrial consultancy and Management Development Programme for Excel Industries & JSW Ltd.
9. Employability training modules in association with Barclays and Gurukrupa.
10. Audit courses for soft skill, technical training .
11. Expansive enrolment for NPTEL Courses.
12. 10,000 practical in Virtual Laboratory.
13. Selection of teachers under QIP for doctoral research.
14. MOU with Intershala to strengthen Industry Institute Interaction.
14. Unnat Bharat Abhiyan



## Part – B

### Criterion – I

#### 1. Curricular Aspects

##### 1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	NIL	NIL	NIL	NIL
PG	05	NIL	NIL	NIL
UG	07	NIL	NIL	NIL
PG Diploma	NIL	NIL	NIL	NIL
Advanced Diploma	NIL	NIL	NIL	NIL
Diploma	NIL	NIL	NIL	NIL
Certificate	NIL	NIL	05	06
Others	NIL	NIL	NIL	NIL
<b>Total</b>	<b>12</b>	<b>NIL</b>	<b>05</b>	<b>06</b>
Interdisciplinary	NIL	NIL	NIL	NIL
Innovative	NIL	NIL	NIL	NIL

<b>Sr. No.</b>	<b>Name of Course</b>	<b>No. of Beneficiary Session 2017-18 ODD</b>	<b>No. of Beneficiary Session 2017-18 EVEN</b>	<b>Total</b>
1	AUTOCAD (MECH. ENGG.)	50	NIL	50
2	RIVET MEP (MECH. ENGG.)	NIL	16	16
3	TOOL DESIGN (MECH. ENGG.)	NIL	18	18
4	AUTOMOBILE (MECH. ENGG.)	NIL	32	32
5	CNC PROGRAMMING (MECH. ENGG.)	NIL	18	18
6	CREO (MECH. ENGG.)	60	NIL	60
7	BIM (Civil Engg.)	NIL	29	29
8	PADEL (Civil Engg.)	NIL	148	148
9	E YANTRA (EN/ETC)	1350	1690	3040
10	PMYUVA (ALL BRANCHES)	NIL	58	58
11	NPTEL & SWAYAM (ALL BRANCHES)	113	26	139
12	Virtual Lab (ALL BRANCHES)	8085	2394	10479
13	COPYRIGHT (ALL BRANCHES)	2	NIL	2

#### **STUDENT CERTIFICATES**

<b>Sr. No.</b>	<b>Name of Course &amp; Department</b>	<b>Total number of Beneficiary</b>	<b>Performance Status Excelled</b>	<b>Performance Status Participated</b>
1	AUTOCAD (MECH. ENGG.)	50	22	28
2	RIVET MEP (MECH. ENGG.)	16	12	06
3	TOOL DESIGN (MECH. ENGG.)	18	11	07
4	AUTOMOBILE (MECH. ENGG.)	32	25	07
5	CNC PROGRAMMING (MECH. ENGG.)	18	10	08
6	CREO (MECH. ENGG.)	60	25	35
7	BIM (Civil Engg.)	29	15	14
8	PADEL (Civil Engg.)	148	70	78
9	E YANTRA (EN/ETC)	3040	23	3017
10	PMYUVA (ALL BRANCHES)	58	04	54
11	NPTEL & SWAYAM (ALL BRANCHES)	139	67	64
12	Virtual Lab (ALL BRANCHES)	10479	3881	6598
13	COPYRIGHT (ALL BRANCHES)	2	NIL	2
14	Software Testing	25	25	25
15	REVAT Networks	06	06	06
16	JAVA, DOT Net	04	04	04
17	Embedded System,	45	45	45

	Python			
18	Android Workshop	15	15	15

**Number of students registered for fast learner, additional learning, courses of other departments and PG courses**

Sr. No.	Department	UG	PG	Fast Learners	Additional Learning(B.E.) Honors)	Courses of other department (B.E. Minors)	PG courses
1	FY	BASIC SCIENCE	NIL	50	NIL	NIL	NIL
2	MECH. ENGG.	ENGG.	NIL	57	NIL	NIL	NIL
3	CIVIL ENGG.	ENGG.	NIL	30	NIL	NIL	NIL
4	EE ENGG.	ENGG.	NIL	42	NIL	NIL	NIL
5	EN/ETC ENGG.	ENGG.	Electronics VLSI Wireless Comm.& Computing	35	NIL	NIL	NIL
6	IT ENGG.	ENGG.		27	NIL	NIL	NIL
7	CSE ENGG.	ENGG.	M.Tech.(Computer Science & Engineering)	19	NIL	NIL	NIL

**1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options**

**(ii) Pattern of programmes:**

Pattern	Number of programmes
Semester	52
Trimester	NIL
Annual	NIL

**1.3 Feedback from stakeholders\*** Alumni  Y Parents  Y Employers  Y Students  Y  
(On all aspects)

Mode of feedback : Online  Y Manual  Y Co-operating schools (for PEI)  NO

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

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

According to RTMNU and DBATU Updatons intermittently.

- Updation of Syllabus – For Fine-tuning with higher semester content for RTMNU students.
- Audit course- Ethics & Professional Competencies -Value Addition
- Workshop practice includes PLC SCADA, Automobile workshop and Robotics etc.
- 3D printing introduced in Session workshop practice from 2017-18 academic session
- For imparting need based training in Communication Skills grouping of students based on their aptitude in English, Quantitative, Reasoning through Gurukrupa and Barclay in 2017-18

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

Courses to enhance technical and core skills in the areas like AUTOCAD, RIVET MEP, TOOL DESIGN, AUTOMOBIL, CRE, BI, PADEL, Hardware Networking , Software Testing, Embedded Systems, Android ,E YANTRA were introduced.

PMYUVA for inculcating entrepreneurship

E\_Learning Courses of NPTEL, SWAYAM for lifelong learning , Spoken Tutorials

COPYRIGHT, NDL, VIRTUAL LAB to induce scientific temperament amongst the students.

<b>Sr. No.</b>	<b>Name of Center of Excellence &amp; Department</b>	<b>In-house Faculty Expertise</b>	<b>External Faculty Expertise</b>
1	AUTOCAD (MECH. ENGG.)	Prof. Suhas Rewatkat	
2	RIVET MEP (MECH. ENGG.)	Prof. Jitendra Pachbhai	Mr. Pravin Jadhao & Mr. N. Mahajan
3	TOOL DESIGN (MECH. ENGG.)	Prof. Santosh Kumar	Mr. Imran Khan (IGTR)
4	AUTOMOBILE (MECH. ENGG.)	Prof. Aamir R. Sayed	Dr. Kishor Dixit (GP, Nagpur)
5	CNC PROGRAMMING (MECH. ENGG.)	Prof. Gaurav Gohane	Mr. Prashant Kadam
6	CREO (MECH. ENGG.)	Prof. Dinesh Yelure	
7	BIM (Civil Engg.)	Prof. Abdul Gaffar	
8	PADEL (Civil Engg.)	Prof. Vikas Thakur	
9	Robotics & Embedded Systems (EN/ETC)	Prof. Amit Bhattacharya	
10	PMYUVA (ALL BRANCHES)	Dr. Ujwala Dange	
11	NPTEL & SWAYAM (ALL BRANCHES)	Prof. Neetu Gyanchandani	
12	Virtual Lab (ALL BRANCHES)	Prof. Neetu Gyanchandani	
13	COPYRIGHT (ALL BRANCHES)	Prof. Neetu Gyanchandani	
14	Core JAVA	Prof. M.M.Baig	
15	C and C++ programming	Prof. Manoj Titre	
16	Data structure	Prof. Rijhal Mune	
17	Data base management system	Prof. Swati Raut	
18	Introduction to C and C Programming	Prof. Trupti Mohota	

## Annexure: 1

### 1.1 Alumni Feedback:

#### Format for Survey of the Alumni - (Minimum Three years AFTER Graduation)

1. Name of the graduate: Kawalpreet Kaur Bamrah
2. PRN(University Enrolment No): 2015016601549182
2. Name of the Company(ies) where employed

Year of graduation	Name of Employer(s) and	Time Lines	Designation	Average Salary
2 0 1 8	A j a y T i w a r i		iOS developer	2 0 0 0 0

3. How do you rate the Education/training received from the college/department

Sl. No.	A t t r i b u t e	Excellent	Very Good	G o o d	F a i r	Not required
1	Fundamental concepts		√			
2	Ability to apply knowledge			√		
3	C r e a t i v i t y			√		
4	I n i t i a t i v e	√				
5	L a t e r a l t h i n k i n g		√			
6	T e a m W o r k	√				
7	Communication skills		√			
8	Industry Readiness			√		
9	Willingness to learn	√				
1 0	Financial literacy	√				

4. How do you rate your own performance **while** in the college/ Department

Sl. No.	A t t r i b u t e	Excellent	Very Good	G o o d	F a i r	Not required
1	To understand Fundamental concepts while in college	√				

2	Attempt to apply knowledge outside college		√			
3	Imagined any new product useful to society		√			
4	Learning new course on your own	√				
5	Attempt to learn other engineering discipline		√			
6	<b>Forming study groups</b>	√				
7	Forming professional club in college to understand the field	√				
8	Approaching the industry for solving real life problems			√		
9	Working with disadvantaged group of society	√				
1 0	Initiative to start on your own	√				

5. How do you rate your own performance **AFTER** graduation?

Sl. No.	A t t r i b u t e	Excellent	Very Good	G o o d	F a i r	Not required
1	To understand Fundamental concepts		√			
2	Attempt to apply knowledge to real life problems	√				
3	Imagined any new product useful to society			√		
4	Learning new course on your own		√			
5	Attempt to learn other engineering disciplines	√				
6	Forming professional groups for discussion	√				
7	Interaction with groups from other disciplines		√			
8	<b>Solving real life problems</b>		√			
9	Working with disadvantaged group of society		√			
1 0	Initiative to start on your own	√				

**Format for Survey of the Alumni - (Minimum Three years AFTER Graduation)**

1. Name of the graduate:(optional): Ashvini Shastrakar

2. PRN(University Enrolment No): 2015016601549077

2. Name of the Company(ies) where employed : Teammyraids Pvt Ltd

Year of graduation	Name of Employer(s) and	Time Lines	Designation	Average Salary
2018				

3. How do you rate the Education/training received from the college/department

Sl. No.	Attribute	Excellent	Very Good	Good	Fair	Not required
1	Fundamental concepts			√		
2	Ability to apply knowledge				√	
3	Creativity		√			
4	Initiative			√		
5	Lateral thinking			√		
6	Team Work			√		
7	Communication skills			√		
8	Industry Readiness				√	
9	Willingness to learn			√		
10	Financial literacy				√	

4. How do you rate your own performance **while** in the college/ Department

Sl. No.	Attribute	Excellent	Very Good	Good	Fair	Not required
1	To understand Fundamental concepts while in college		√			
2	Attempt to apply knowledge outside college			√		



3	Imagined any new product useful to society				√	
4	Learning new course on your own		√			
5	Attempt to learn other engineering discipline		√			
6	Forming study groups			√		
7	Forming professional club in college to understand the field				√	
8	Approaching the industry for solving real life problems				√	
9	Working with disadvantaged group of society				√	
10	Initiative to start on your own		√			

5. How do you rate your own performance **AFTER** graduation?

Sl. No.	Attribute	Excellent	Very Good	Good	Fair	Not required
1	To understand Fundamental concepts	√				
2	Attempt to apply knowledge to real life problems		√			
3	Imagined any new product useful to society			√		
4	Learning new course on your own		√			
5	Attempt to learn other engineering disciplines			√		
6	Forming professional groups for discussion			√		
7	Interaction with groups from other disciplines				√	
8	Solving real life problems		√			
9	Working with disadvantaged group of society				√	

10	Initiative to start on your own		√			
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**Format for Survey of the Alumni - (Minimum Three years AFTER Graduation)**

1. Name of the graduate:(optional): Yashashree Wase

2. PRN(optional)

2. Name of the Company(ies) where employed

Year of graduation	Name of Employer(s) and	Time Lines	Designation	Average Salary
Masters in US December 2016	Intel Corporation, USA	June 2017 - present	Hardware Engineer	\$80,000 PA
Bachelors @ JD May 2013	Visvesvaray National Institute of Technology, Nagpur, India	Oct. 2013 – July 2014	Junior Research Fellow	Rupees 18,000/- Monthly income

3. How do you rate the Education/training received from the college/department

Sl. No.	Attribute	Excellent	Very Good	Good	Fair	Not required
1	Fundamental concepts					
2	Ability to apply knowledge					
3	Creativity					
4	Initiative					
5	Lateral thinking					
6	Team Work					
7	Communication skills					
8	Industry Readiness					
9	Willingness to learn					
10	Financial literacy					

4. How do you rate your own performance **while** in the college/ Department

Sl. No.	Attribute	Excellent	Very Good	Good	Fair	Not required
1	To understand Fundamental concepts					

	while in college					
2	Attempt to apply knowledge outside college					
3	Imagined any new product useful to society					
4	Learning new course on your own					
5	Attempt to learn other engineering discipline					
6	Forming study groups					
7	Forming professional club in college to understand the field					
8	Approaching the industry for solving real life problems					
9	Working with disadvantaged group of society					
10	Initiative to start on your own					

5. How do you rate your own performance **AFTER** graduation?

Sl. No.	Attribute	Excellent	Very Good	Good	Fair	Not required
1	To understand Fundamental concepts					
2	Attempt to apply knowledge to real life problems					
3	Imagined any new product useful to society					
4	Learning new course on your own					
5	Attempt to learn other engineering disciplines					
6	Forming professional groups for discussion					
7	Interaction with groups from other disciplines					
8	Solving real life					

	problems					
9	Working with disadvantaged group of society					
10	Initiative to start on your own					

**Format for Survey of the Alumni - (Minimum Three years AFTER Graduation)**

1. Name of the graduate: Sawan Gupta

2. PRN(optional)

2. Name of the Company(ies) where employed

Year of graduation	Name of Employer(s) and	Time Lines	Designation	Average Salary
2013	MobileComm Technologies India Pvt. Ltd	NA	Sr. Optimization Eng.	7.2 LPA

3. How do you rate the Education/training received from the college/department

Sl. No.	Attribute	Excellent	Very Good	Good	Fair	Not required
1	Fundamental concepts		✓			
2	Ability to apply knowledge		✓			
3	Creativity		✓			
4	Initiative				✓	
5	Lateral thinking				✓	
6	Team Work		✓			
7	Communication skills		✓			
8	Industry Readiness				✓	
9	Willingness to learn		✓			
10	Financial literacy	✓				

4. How do you rate your own performance **while** in the college/ Department

Sl. No.	Attribute	Excellent	Very Good	Good	Fair	Not required
1	To understand Fundamental concepts while in college		✓			
2	Attempt to apply knowledge outside college		✓			

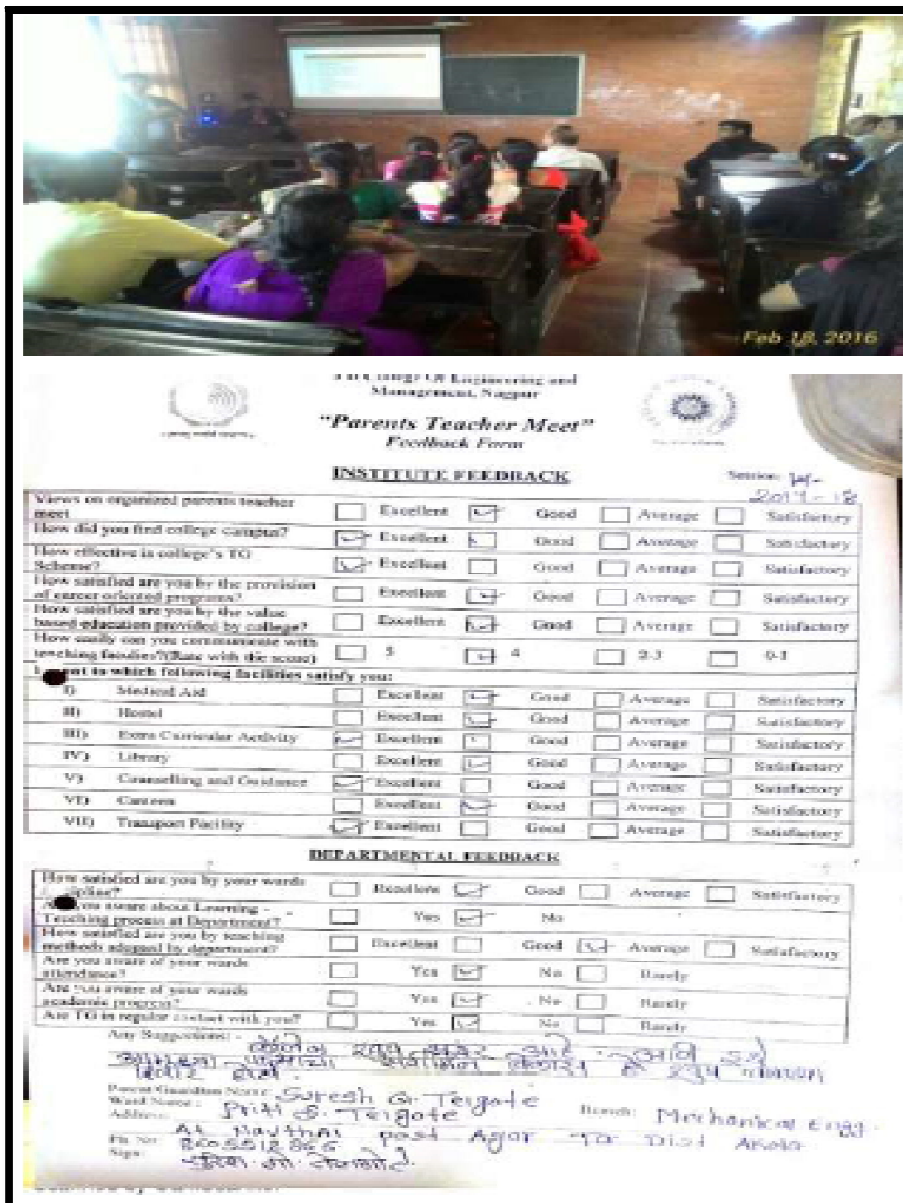
3	Imagined any new product useful to society		✓			
4	Learning new course on your own		✓			
5	Attempt to learn other engineering discipline			✓		
6	Forming study groups			✓		
7	Forming professional club in college to understand the field			✓		
8	Approaching the industry for solving real life problems			✓		
9	Working with disadvantaged group of society			✓		
10	Initiative to start on your own			✓		



5. How do you rate your own performance **AFTER** graduation?

Sl. No.	Attribute	Excellent	Very Good	Good	Fair	Not required
1	To understand Fundamental concepts			✓		
2	Attempt to apply knowledge to real life problems			✓		
3	Imagined any new product useful to society			✓		
4	Learning new course on your own			✓		
5	Attempt to learn other engineering disciplines		✓			
6	Forming professional groups for discussion		✓			
7	Interaction with groups from other disciplines					
8	Solving real life problems					
9	Working with disadvantaged group of society					

10	Initiative to start on your own					
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## 1.2 Parents feedback:




**Jyoti Institute of Engineering and Management, Nagpur**


**"Parents Teacher Meet"**  
Feedback Form

**INSTITUTE FEEDBACK** Session: 1st  
2015-16

Views on organized parents teacher meet	<input type="checkbox"/> Excellent	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Average	<input type="checkbox"/> Satisfactory
How did you find college campus?	<input checked="" type="checkbox"/> Excellent	<input type="checkbox"/> Good	<input type="checkbox"/> Average	<input type="checkbox"/> Satisfactory
How effective is college's TG Scheme?	<input checked="" type="checkbox"/> Excellent	<input type="checkbox"/> Good	<input type="checkbox"/> Average	<input type="checkbox"/> Satisfactory
How satisfied are you by the provision of career orienting programs?	<input type="checkbox"/> Excellent	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Average	<input type="checkbox"/> Satisfactory
How satisfied are you by the value based education provided by college?	<input type="checkbox"/> Excellent	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Average	<input type="checkbox"/> Satisfactory
How easily can you communicate with teaching faculty? (Rate with the score)	<input type="checkbox"/> 5	<input checked="" type="checkbox"/> 4	<input type="checkbox"/> 3	<input type="checkbox"/> 2

**Facilities in which following facilities satisfy you:**

I) Medical Aid	<input type="checkbox"/> Excellent	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Average	<input type="checkbox"/> Satisfactory
II) Hostel	<input type="checkbox"/> Excellent	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Average	<input type="checkbox"/> Satisfactory
III) Extra Curricular Activity	<input checked="" type="checkbox"/> Excellent	<input type="checkbox"/> Good	<input type="checkbox"/> Average	<input type="checkbox"/> Satisfactory
IV) Library	<input type="checkbox"/> Excellent	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Average	<input type="checkbox"/> Satisfactory
V) Counselling and Guidance	<input checked="" type="checkbox"/> Excellent	<input type="checkbox"/> Good	<input type="checkbox"/> Average	<input type="checkbox"/> Satisfactory
VI) Cafeteria	<input type="checkbox"/> Excellent	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Average	<input type="checkbox"/> Satisfactory
VII) Transport Facility	<input checked="" type="checkbox"/> Excellent	<input type="checkbox"/> Good	<input type="checkbox"/> Average	<input type="checkbox"/> Satisfactory

**DEPARTMENTAL FEEDBACK**

How satisfied are you by your wards college?	<input type="checkbox"/> Excellent	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Average	<input type="checkbox"/> Satisfactory
Are you aware about Learning - Teaching process at Department?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		
How satisfied are you by teaching methods adopted by department?	<input type="checkbox"/> Excellent	<input type="checkbox"/> Good	<input checked="" type="checkbox"/> Average	<input type="checkbox"/> Satisfactory
Are you aware of your wards attendance?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Hardly	
Are you aware of your wards academic progress?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Hardly	
Are TG in regular contact with you?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Hardly	

Any Suggestions: अधिक कक्षाएं खोलें और टी.जी. को नियमित रूप से संपर्क करें।

Parent/Guardian Name: Suresh G. Tejgale Home: Mechanical Engg.  
 Ward Name: Priya S. Tejgale  
 Address: A-1, Naythar, post - Agar, Tal. Dindori, Dist. Amravati.  
 Pin No: 431128  
 Sign: Suresh G. Tejgale

### 1.3 Employer feedback:

#### Format for Survey of the Employers

1. Name of the Employer / Company: Shapoorji Pallonji

2. Number of graduates recruited by the Company from the Department/ College in the last three years

Year	Number of Students	Discipline
2015-16		
2016-17	5	Civil
2017-18		

3. How do you rate the Graduates from the college/department, recruited by you on the following attributes

Sl. No.	Attribute	Excellent (10)	Very Good (8)	Good (6)	Fair (4)	Not to the required level(0)
1	Fundamental concepts		√			
2	Ability to apply knowledge			√		
3	Creativity			√		
4	Initiative			√		
5	Lateral thinking			√		
6	Team Work			√		
7	Communication skills			√		
8	Industry Readiness			√		
9	Willingness to learn			√		
10	Financial literacy			√		

4. If you have not employed any graduate from the Department/College, can you tell us the reason?

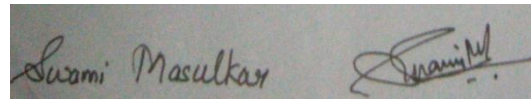
(a) Not aware of the department/ college



- (b) Graduates do not have required skills ✓
- (c) Graduates do not stay after initial training
- (d) Not enough requirement in the business

5. Will you consider the graduate of the college/department for employment if he/she

- (i) Has enough skills
- (ii) Can give guarantee to work with the company for minimum two years ✓
- (iii) Has potential to be an asset to the company.

A rectangular box containing a handwritten signature in black ink. The signature is written in a cursive style and appears to read "Swami Masulkar".

Name & Signature of HR / Director

### Format for Survey of the Employers

1. Name of the Employer / Company: **ICICI**

2. Number of graduates recruited by the Company from the Department/ College in the last three years

Year	Number of Students	Discipline
2015-16	2	CSE, MECH
2016-17	NA	
2017-18		

3. How do you rate the Graduates from the college/department, recruited by you on the following attributes

Sl. No.	Attribute	Excellent (10)	Very Good (8)	Good (6)	Fair (4)	Not to the required level(0)
1	Fundamental concepts			√		
2	Ability to apply knowledge		√			
3	Creativity			√		
4	Initiative				√	
5	Lateral thinking			√		
6	Team Work			√		
7	Communication skills			√		
8	Industry Readiness				√	
9	Willingness to learn		√			
10	Financial literacy			√		

4. If you have not employed any graduate from the Department/College, can you tell us the reason?

- (a) Not aware of the department/ college
- (b) Graduates do not have required skills     √
- (c) Graduates do not stay after initial training

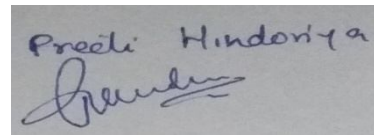
(d) Not enough requirement in the business

5. Will you consider the graduate of the college/department for employment if he/she

(i) Has enough skills     √

(ii) Can give guarantee to work with the company for minimum two years

(iii) Has potential to be an asset to the company.

A rectangular box containing a handwritten signature in blue ink. The signature is written in a cursive style and appears to read "Preeti Hindoriya".

Name & Signature of HR / Director

## Format for Survey of the Employers

1. Name of the Employer / Company: Motif Infotech

2. Number of graduates recruited by the Company from the Department/ College in the last three years

Year	Number of Students	Discipline
2015-16		
2016-17	4	IT, Mech
2017-18	12	IT, Mech

3. How do you rate the Graduates from the college/department, recruited by you on the following attributes

Sl. No.	Attribute	Excellent (10)	Very Good (8)	Good (6)	Fair (4)	Not to the required level(0)
1	Fundamental concepts		√			
2	Ability to apply knowledge				√	
3	Creativity		√			
4	Initiative				√	
5	Lateral thinking				√	
6	Team Work		√			
7	Communication skills				√	
8	Industry Readiness				√	
9	Willingness to learn		√			
10	Financial literacy				√	

4. If you have not employed any graduate from the Department/College, can you tell us the reason?

- (a) Not aware of the department/ college
- (b) Graduates do not have required skills
- (c) Graduates do not stay after initial training

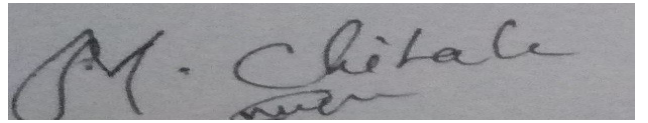
(d) Not enough requirement in the business     √

5. Will you consider the graduate of the college/department for employment if he/she

(i) Has enough skills

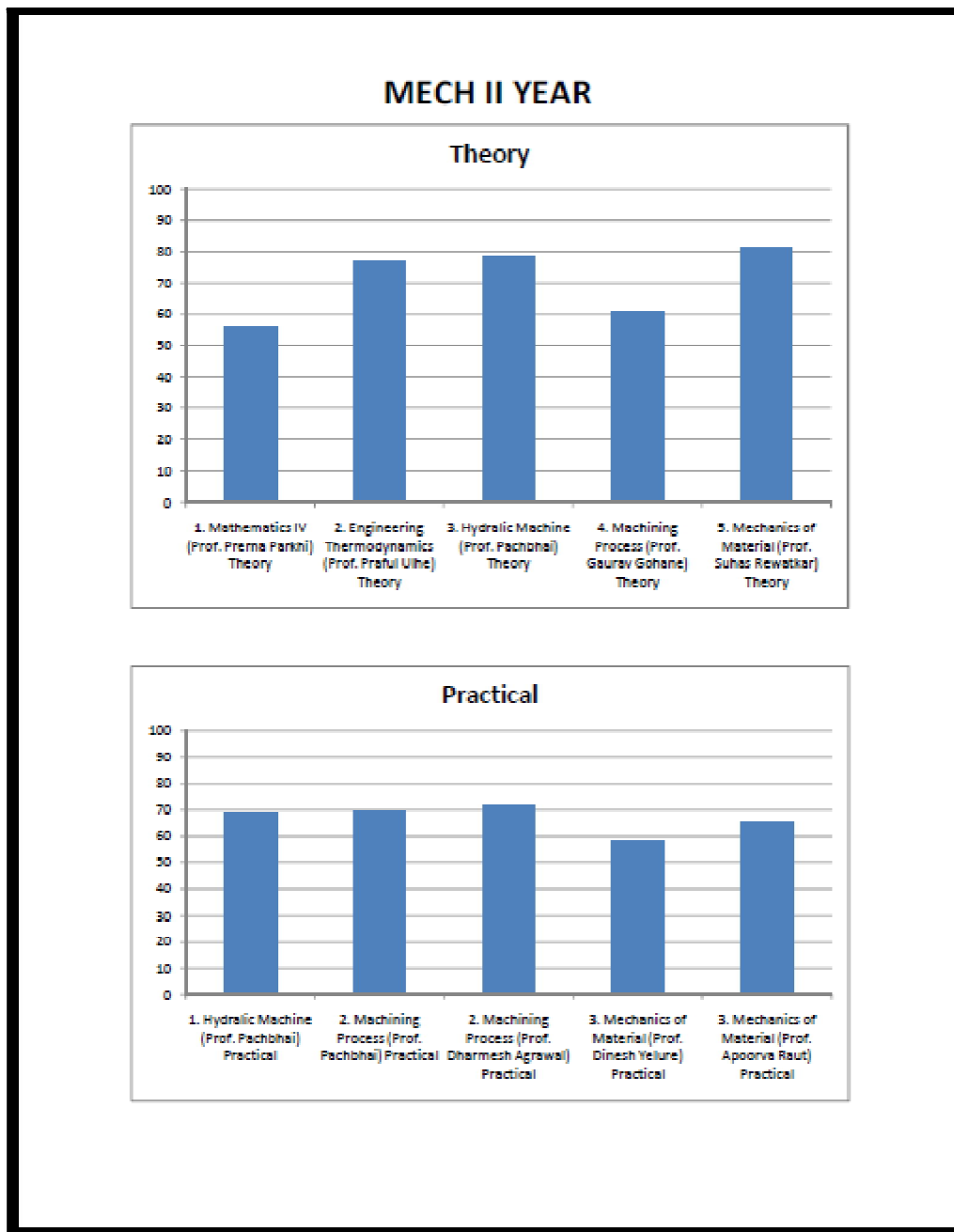
(ii) Can give guarantee to work with the company for minimum two years

(iii) Has potential to be an asset to the company.     √

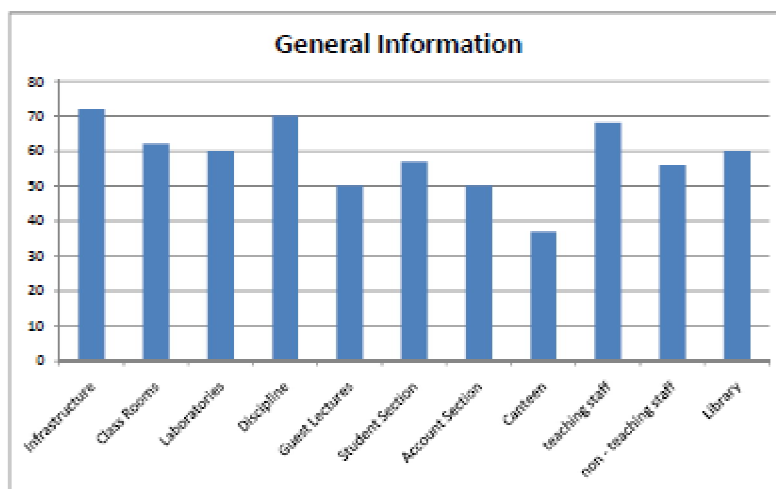
A rectangular box containing a handwritten signature in black ink. The signature appears to be 'M. Chitale' with a flourish underneath.

Name & Signature of HR / Director

## 1.4 Students Online feedback:



## MECH II YEAR





## REMARK

Not satisfied from uniform section.
no remark
no remark
NO REMARK
NO REMARK
food rate in canteen is so high, not all student can afford that and not every student come with tiffin. so think on this issue..
no remark
NO Remark Thank You
no remark
NO REMARK
NOT GET UNIFORM
No Remark
please give the ID card
No Remark
NO REMARK
Please, improve the canteen services,reduce the price.

## 1.5 Students Offline Feedback:

Students Feedback							
<u>Theory + Practical</u>							
<u>3<sup>rd</sup> Semester</u>							
Date:-23/7/17							
Faculty Name	Subject Section-A	Marks From (25)	Remark	Faculty Name	Subject Section-B	Marks From (25)	Remark
D.A. Yellure	M/C Drawing(T)	21.5	86%	A.S. Getme	M/C Drawing(T)	19.8	79.2%
L.M. Bhoyar	M-3(T)	24.2	96.8%	L.M. Bhoyar	M-3(T)	23.5	94%
A.S. Getme	ET(T)	19.4	77.6%	P.P. Ulhe	ET(T)	22.5	90%
J.S. Pachbhai	FM(T)	24.9	99.6%	R.B. Sharma	FM(T)	20.6	82.4%
A.A. Junankar	MSM(T)	24.4	97.6%	G.M. Gohane	MSM(T)	23.4	93.6%
A.A. Junankar	MSM(P)	24.2	96.8%	G.M. Gohane	MSM(P)	22.4	89.6%
D.A. Yellure	M/C Drawing(P)	22.3	89.2%	A.S. Getme	M/C Drawing(P)	21.7	86.8%
J.S. Pachbhai	FM(P)	24.2	96.8%	R.B. Sharma	FM(P)	20.4	81.6%

  
 Academic In charge  
 DOME, JDCOEM

  
 HOD  
 DOME, JDCOEM



## Criterion – II

### 2. Teaching, Learning and Evaluation

<b>2.1 Total No. of permanent faculty</b>	Total	Asst. Professors	Associate Professors	Professors	Others
	130	110	16	4	38

**2.2. No of permanent faculty with Ph.D:** 10

<b>2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year</b>	<b>Asst Professor</b>		<b>Associate Professors</b>		<b>Professors</b>		<b>Others (Adjunct)</b>		<b>Total</b>	
	R	V	R	V	R	V	R	V	R	V
	110	00	16	7	4	10	00	00	130	00

**2.4 No. of Guest and Visiting faculty and Temporary faculty**

**2.5 Faculty participation in conferences and symposia:**

No. of Faculty	International level	National level	State level
Attended Seminars/	110	01	
Presented papers	107	03	
Resource Persons	7	01	

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

- Activity based teaching, learning and evaluation
- Active Participation of students in NPTEL, Virtual Laboratory etc giving thrust on lifelong learning and self learning. Students and faculties have qualified NPTEL modules with Elite badge.
- The SPOC of NPTEL has bagged the award of Active SPOC consecutively for two terms by IIT Bombay.
- Aptitude and Communication skills training of students from First year to Final Year.
- Classes for slow learners and Fast learners, Remedial classes, etc.
- Active use of ICT in teaching learning.
- Motivation for academic excellence of students- Felicitation, Cash Award, Certificate of Academic Excellence
- Problem solving projects.
- Reward to Faculties for delivering good results.
- Extra- curricular and Co-curricular activities
- Open Book test to develop critical thinking.
- Inclusion of activities such as Music, Dance, Drama & indoor-outdoor sports
- Regular Industrial visits, CEO Interactions, Guest lectures
- Annual Festivals like “VIBRANCE” (Cultural Fest) and “BRAINWAVE” (Technical Fest) to instill leadership and life skills amongst the students.
- Course materials of different subjects including University Q. Papers, model question banks & solutions, and NPTEL lectures, SWAYAM courses, etc are provided.
- Continuous evaluation of students by means of assignments, class tests, PUT etc.
- Conduction of special/revision classes for slow learners and fast learners
- Promotion of interdisciplinary group projects
- Tutorial Sessions
- Induction programs for first year students and second year students in departments.
- Orientation programs for new faculty members.

Department wise Technical Workshops conducted:

**Computer Science & Engineering/ Information technology:**

1. Project based practicals – Data structure using C, DBMS, Software Engineering & Project Management
2. Additional tutorial classes for programming subjects (JAVA programming, Object oriented Programming using C ++ , Software Testing, Android.
3. All final year projects are live projects from Industries.

**Mechanical Engineering:**

1. Computer Applications in Mechanical Engineering, Machine Drawing- These subjects were taught as practical courses completely with the help of software.
2. Manufacturing Process-II : Product identification and their manufacturing processes studied.
3. Energy Conversion-II- Power plant, their capacity study

4. Mechanical Measurement- daily use instruments and their applications

### **Civil Engineering:**

1. Project Planning & Management: Complete project execution- right from land purchase, selection of site to fully developed industry
2. Water Resources Engineering I- TAE shall be based on rainfall & runoff data, parchent area, selection of dam site, etc
3. Welding design & drawing- Fully by AutoCAD and exam on software.

### **Electronics & Telecommunication Engineering / Electronics Engineering:**

1. Signals & System- IEEE paper review on real time applications, MATLAB Simulink coding on basic signals, IIT Bombay blended MOOCs Quiz
2. Project based practical in the courses like EDC, Communication Electronics, Microprocessor based systems, Electronics Workshop, Digital Image Processing
3. Sessions on Data structure using C and Object Oriented Programming(OOPS)
4. Component Identification & Testing.

### **Electrical Engineering:**

1. Workshop on 'Assembly of DC motor'
2. Workshop on 'Speed control of 3- phase Induction Motors'
3. Training on 'Solar Power Systems', 'Wire Har nassing' and ' PLC SCADA & Automation'
4. Practical in Virtual lab for Electrical Machine, Switch gear & Protection, HVDC, Electronic Devices and circuits etc.

## ACTIVITIES CONDUCTED

<b>SKILL BASED</b>	<b>KNOWLEDGE BASED</b>	<b>ATTITUDE &amp; VALUE BASED</b>
Hydrowar Competition	Guest Lectures	Membership of Professional Bodies
Circuit Making Competition	Industrial Visits	Nukkad Nataks & skits on social Issues,
Model making competition, Total Station workshop	Training on Aptitude, softskill, communication skills, GD, PI, Resume Writing, Self Introduction skills etc.	Personality grooming sessions, Psychological Testing & Counseling by Professionals
Blind C Competition, Poster making	Workshops on Robotics Machine learning, ,	Social Responsibility awareness program: swachta abhiyan, Computer Literacy Program, Free Health Checkup camps, Traffic Awareness Drives
	Technical Quiz Competitions	Blood donation camps
Inter Collegiate Drama, Dance & Music Competitions	Workshops on Microcontroller techniques	Yoga sessions
State Level Drama Competition	Hands on practice on Arduino, PLC & Automation,	Visits to Old age Homes & Orphanage visit
YUVRANG 2018: Nagpur University competitions Music: <ul style="list-style-type: none"> <li>• Light vocal solo</li> <li>• Group Song</li> <li>• Western Solo</li> </ul> Literary Event <ul style="list-style-type: none"> <li>• Debate</li> <li>• Elocution</li> <li>• Quiz</li> </ul> Dance <ul style="list-style-type: none"> <li>• Folk Dance</li> <li>• Lavani</li> </ul> Theatre <ul style="list-style-type: none"> <li>• Skit</li> <li>• Mime</li> <li>• Mimicry</li> </ul> Fine Arts <ul style="list-style-type: none"> <li>• Poster making</li> <li>• Collage</li> <li>• Cartooning</li> <li>• Clay Modeling</li> </ul>	Programming technology skill on Android, Java, DotNet,	Indoor and Outdoor Sports

<ul style="list-style-type: none"> <li>• Rangoli</li> <li>• Mehendi</li> </ul>		
Dance Maharashtra” Zee Yuva’s Dance TV show	Training on catia, ProE, Autocad, Matlab	Kite Festival
UCN Battle of Dance Talent Open Competition, Nagpur	Workshop on automobile engine assembly	‘Garba Vibe’
Inter collegiate music & dance competition by RED FM	Workshop on CNC programming	
Skit and Short Film Competition orgnized by CSIR-NEERI	Workshop on Mechatronics.	
	Project Competition	Teachers Day Celebration
	Technical Quiz	Digital Literacy
	Paper Presentation	

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

	Odd	Even	Total
I Yr	109	95	204
UG	97	91	188
PG	92	91	183

## 2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination,)

- CBCS adopted for FIRST YEAR under Dr. Babasaheb Ambedkar Technological University, Lonere (MS)
- Credit for participation in extracurricular activities started.
- Answer sheets are shown to students to make them understand the mistakes.

- Internships in summer and winter vacations are arranged by the faculties and due credits are given.
- Re-exam conducted within a month from declaration of result of B.Tech students under DBATU.
- Academic audits are done under which Question Paper and answer paper audit was also accomplished.
- Extra incentive marks for Co & Extra-curricular activities are awarded and students are well informed about the scheme.
- Psychological counseling for improvement of performance of slow learners as well as others upto the possible extents
- Remedial classes for few difficult subjects.
- Teacher-Parent meets are organized and parents informed about the progress of the wards. Daily attendance messages are sent to the parents for improving the regularity of students.
- Remarks on answer papers of all exams for clarity in evaluation
- Monthly performance review for Compliance of teaching plan
- Toppers award from every class- First two ranks

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

In 2017-18 there was no any modification in RTMNU curriculum but faculties were actively involved in the previous years. Faculty Development Workshops were organized in the college and faculties has participated outside Institute also.

In DBATU Board of Studies and Curriculum Development, our faculties are participating and contributing regularly. Faculty Development Workshops of 15 days was attended by our faculty members at Dr. Babasaheb Ambedkar Technical University, Lonere( MS).The Principal of the institution is the Chairman of the Academic Council of DBATU.

## 2.10 Average percentage of attendance of students: 82%

## 2.11 course/Programme wise distribution of pass percentage based on CGPA

Sr no	Title of the programme (UG BE)	Total no of students appeared	Total no of students pass	DIST%	I DIV %	II DIV	Pass
1	Civil Engg	61	53	9.44	79.24	11.32	86.59
2	Computer Science and Engg	35	34	8.5	85.29	0.5	97.17
3	Electrical Engg.	30	27	13	76	NIL	90
4	Electronic Engg.	10	07	10	40	20	70
5	Electronics & telecommunication Engg.	66	53	6.06	37.87	36.36	85.10
6	Information Technology	32	31	0.6	87.5	0.2	96.81
7	Mechanical Engg.	112	88	0.892	63.39	14.28	78.57
8	MBA	38	30				
9	Electronics	1	1				100
10	Computer Science and Engg.	7	3				
11	Wireless & Computing	1	1				100

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

- Regular academic monitoring of all the departments
  - Meetings
  - Fortnight Compliance of Teaching activities by Dean Academics
  - Monthly performance Review by the Principal
  - Fortnight CR meetings with HOD
  - Internal Academic audit after the end of semester.
  - External Audit was conducted at the end of session.
  - Students feedback taken regularly and appropriate steps are taken towards improvement
  - Effective & Result Orientated student mentoring system.



## 2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Orientation programmes/Induction	85
Faculty exchange programme	05
Staff training conducted by the university	06
Staff training conducted by other institutions	11
Others Faculty Dev Program (Sponsored by AICTE)	10
Virtual laboratory Outreach Workshops	70

### Trainings for Faculty and Staff and STTP / Workshop organized

<b>Sr. No.</b>	<b>Name of Department</b>	<b>Name of STTP</b>	<b>Dates</b>	<b>Coordinator</b>	<b>Participants</b>
1	MBA	Enhancing Moral, Ethical and Emotional (MEE) competencies among engineering students: The need for paradigm shift in pedagogy	01 <sup>st</sup> Nov to 11 <sup>th</sup> Nov 2017	Dr. U.S Dange	60

2	Electronics Engineering/ Electronics & Telecommunication Engineering	Workshop on research methodology: Mathematical Modeling.	26/02/18	Dr. Pravin Kshirsagar	20
3	Computer Science Engineering and Information Technology	Workshop on research methodology : Application of Software tools	28/02/18	Prof. Vishal Sathavane	15
4	Mechanical Engineering	Field database modeling using software's: SPSS, Matlab	08/03/2018	Prof. Jitendra Panchbhai	25
5	Civil Engineering	Workshop on funding proposals from various funding agencies. (DST, AICTE, RUSA)	09/03/2018	Prof. Amit Kahndve	10
6	Electrical Engineering	Workshop on research methodology : Mathematical Modeling of total Harmonic distortion DIS.  Speed Vs Torque characteristics	17/04/2018	Prof. Rpali Hete	10
7	Dept. Of Humanities and Basic Sciences	Workshop on research methodology : Mathematical Modeling. Using ANOVAs and Anncova	18 <sup>th</sup> and 19 <sup>th</sup> April 2018		25

**Training programs attended by faculty members at reputed institutes.**

<b>Sr. No.</b>	<b>Workshop/STTP attended</b>	<b>Topic</b>	<b>Place</b>	<b>Date</b>	<b>Name of faculty</b>
1	Workshop	Recent Trend in power Electronics In Micro-controller	DBACER Nagpur	14-16 Dec 2017	Prof. P. Panchbhai
2	Workshop	Resent Trend in power Electronics In Micro-controller	DBACER Nagpur	14-16 Dec 2017	Prof. H. Hatnapure
3	STTP	Advance Power Electronics For Future Energy System	VNIT Nagpur	08-12 Jan 2018	Prof. R. Hete
4	STTP	Advance Power Electronics For Future Energy System	VNIT Nagpur	08-12 Jan 2018	Prof. Y. Mundhada
5	STTP	Green energy	GEC nagpur	21-25 feb 2018	Prof. V Shahane
6	STTP	Approach in experimentation and research	JDCOEM	24 Hr	Prof. V Shahane, Prof. Y Mundhada, Prof. A Dharkar
7	Workshop	“Two week AICTE Sponsored Faculty Development Program on Recent Trends in Signal Representation:	DBATU, Lonere	6 -17, November, 2017.	Prof. Vaibhav Choudhari

		A Multirate Approach”			
8	Workshop	“Two week AICTE Sponsored Faculty Development Program on Recent Trends in Signal Representation: A Multirate Approach”	DBATU, Lonere	6 -17, November, 2017	Prof. Rahul Langde
9	STTP	Trends in IoT & Its Application “TIIA-17”	SBJITMR, Nagpur	28 <sup>th</sup> -30 <sup>th</sup> , November , 2017	Prof. Shweta Sharma
10	STTP	Trends in IoT & Its Application “TIIA-17”	SBJITMR, Nagpur	28 <sup>th</sup> -30 <sup>th</sup> , November , 2017	Prof. Anam Quadri
11	WORKSHOP	Project Reforms & Analysis Group for Adapting Technology in Industry	RCOEM,Nagpur	2 <sup>nd</sup> ,December, 2017	Prof. Rahul Langde
12	STTP	Recent Trends in VLSI Technology	SVPCET, Nagpur	4 <sup>th</sup> -8 <sup>th</sup> , December, 2017	Prof. Neetu Gyanchandani
13	STTP	Recent Trends in VLSI Technology	SVPCET, Nagpur	4 <sup>th</sup> -8 <sup>th</sup> , December, 2017	Prof. Gayatri Padole
14	WORKSHOP	Introduction to Machine Learning	VNIT, Nagpur	16 <sup>th</sup> -17 <sup>th</sup> December, 2017	Prof.Pravin Kshirsagar
15	WORKSHOP	Introduction to Machine Learning	VNIT, Nagpur	16 <sup>th</sup> -17 <sup>th</sup> December, 2017	Prof.Rajesh Soundrikar
16	WORKSHOP	Introduction to Machine Learning	VNIT, Nagpur	16 <sup>th</sup> -17 <sup>th</sup> December, 2017	Prof.Firoz Akhtar


17	WORKSHOP	Introduction to Machine Learning	VNIT, Nagpur	16 <sup>th</sup> -17 <sup>th</sup> December, 2017	Prof.Avinash Ikhhar
18	WORKSHOP	Introduction to Machine Learning	VNIT, Nagpur	16 <sup>th</sup> -17 <sup>th</sup> December, 2017	Prof.Rashmi Dawrewar

#### 2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of Permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	172	-	-	-
Technical Staff	122	-	-	-

## Annexure: 2

### 2.1 Academic Calendar (RTMNU):



**RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR**  
(Established by Government of Central Provinces Education Department by Notification No. 513, dated 1<sup>st</sup> of August, 1923 & presently a State University governed by Maharashtra Public Universities Act, 2016 (Maharashtra Act No. VI of 2017))  
(Academic Section)  
Shri Chhatrapati Shri Chhatrapati Maharaj Administrative Premises, Mahatma Gandhi Chowk, Civil Lines, Nagpur -01  
Tel No. 0713-2532921 Fax No. 0713-2532941, 2531347  
No. Acad./Acad.Cale./2017/18 Date: 15 April, 2017

**NOTIFICATION**

It is notified for general information of all the University conducted/ constituent/ affiliated colleges and Post-Graduate Teaching Departments of the University that the Academic Calendar for the session 2017-18 will be as under:

**A) ACADEMIC CALENDAR FOR THE COURSES CONDUCTED AS PER ANNUAL PATTERN FOR SESSION 2017-18.**

**1. Terms & Vacation**

First Term :	15.06.2017 to 15.10.2017
Winter Vacation :	16.10.2017 to 14.11.2017
Second Term :	15.11.2017 to 30.04.2018
Summer Vacation :	01.05.2018 to 14.06.2018

**2. Admissions**

a) Last date of Admission :	7 <sup>th</sup> August, 2017
b) Last date for Admission with prior permission of the Vice-Chancellor :	7 <sup>th</sup> September, 2017

**3. Last date of submission of Enrolment forms to the university :** Within fifteen days from the last notified date of Admission.

**4. Examination**

**Winter Examinations.**

1. Commencement of Exam. :	03.10.2017
2. Last date for receipt of exams. forms	
a) Regular Students *	15.07.2017
b) External Students	15.05.2017
c) Old Ex-Students	15.05.2017
d) Ex-Students of immediately previous examination :	Within 15 days from the date of declaration of the result of summer exam

**Summer Exams.**

1. Commencement of Exams. :	20.02.2018
2. Last date for receipt of exams. forms	
a) Regular Students *	01.12.2017
b) Old Ex-Students	15.10.2017
c) External Students	15.10.2017
d) Ex-Students of immediately previous exam. :	Within 15 days from the date of declaration of the result of winter exam

**5. Declaration of Results :** As per governing provisions of the Act.

**B) ACADEMIC CALENDAR FOR THE COURSES CONDUCTED AS PER SEMESTER PATTERN FOR SESSION 2017-18.**

**1. Terms & Vacation**

<b>First Term (Odd semesters)</b>	15.06.2017 to 15.10.2017
Diwali Holidays / Winter Vacation :	16.10.2017 to 14.11.2017
Second Term (Even semesters)	15.11.2017 to 30.04.2018
Summer Vacation :	01.05.2018 to 14.06.2018

**2. Admissions**

a) Last date of Admission (First term odd sem)	7 <sup>th</sup> August, 2017
b) Last date for Admission with prior permission of the Vice-Chancellor :	7 <sup>th</sup> September, 2017

(2)

3. Last date of submission of Enrolment forms to the university : Within fifteen days from the last notified date of Admission
4. Examination
1. Winter Examinations.
- Commencement of Exam.
- a) Regular students in odd semesters : 24.10.2017
- b) Failure Student in even semesters : 03.10.2017
2. Last date for receipt of exams. Forms
- a) Regular students : 31.8.2017  
(for admissions other than 1st year)
- b) Old Ex-Students & External Students : 15.8.2017
- c) Ex-Students of immediately previous examination : Within 15 days from the date of declaration of the result of summer Exams.
1. Summer Exams.
- Commencement of Exams.
- a) Regular Even semester : 13.03.2018
- b) Failure of odd semester : 20.02.2018
2. Last date for receipt of exams. Forms
- a) Regular Students : 15.1.2018
- b) Old Ex-Students & External Students : 15.10.2017
- c) Ex-Students of immediately previous exam : Within 15 days from the date of declaration of the result of winter Exams.
5. Declaration of Results : As per governing provisions of the Act.

**Special Instructions :**

- 1) The Principals/Heads of the institutions should communicate the list of students admitted in their colleges/ institutions to the university within 15 days from the last date of admission as notified by the university.
- 2) Students admitted after the last date as specified above shall not be considered for enrollment in the University and therefore, shall not be permitted to appear at the university examinations.
- 3) All government & other holidays are calculated on the basis of last year's statistics. It is likely to be same except small variations after the declaration by the Government/authorities. The schedule of such holidays will be separately notified by the university at the beginning of Calendar Year.
- 4) Theory and Practical examinations may be held on Sunday with prior permission and intimation.
- 5) M. Card (Marking Card) must be sent by the Principal/University Heads of the Department, within 30 days from the last date of admission as notified by the university, neatly in MS Excel software.
- 6) It is necessary by the Principals/Head of the Department to certify the number of actual teaching days conducted during the academic session.
- 7) All efforts should be made to achieve more than 180 teaching days in Annual Pattern and 90 days per Semester in Semester Pattern.
- \* Applicable where the academic term is of 1 1/2 Year as Per the Guidelines of apex body & notified by University.
- 8) The Last Date of examination forms for CAP round admission will be 15 days from the last date of admissions.
- 9) Admission governed by **Conditional Eligibility** the last date of submission of examination forms will be within fifteen days of declaration of its qualifying examinations provided such students should have been admitted provisionally for its next higher academic session in second term (even semester) & their admissions are getting confirmed on the declaration of such qualifying exams.

By Order of the Hon'ble Vice- Chancellor

  
(Puranchandra Meshram)  
Registrar

**Copy forwarded for information and necessary action to :-**

1. P.A. to Hon'ble Vice-Chancellor, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur
2. P.A. to Hon'ble Pro-Vice-Chancellor, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur
3. P.A. to Registrar, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur
4. The Principals of all Colleges / Head of the Post- Graduate Teaching Departments of the Rashtrasant Tukadoji Maharaj, Nagpur University, Nagpur.
5. All Offices of the Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur
6. The Registrar of All Universities in the Maharashtra State.
7. Smt. Veena Prakash, Information Scientist, University Campus Library, RTMNU, Nagpur
8. The Editor, All local News Papers. They are requested to kindly publish the above Notification in their esteemed News Paper as a News Item.

  
(Dr. Arif Hirkhan)  
Registrar

## 2.2 Academic Calendar (College):



### J.D.College of Engineering and Management , Nagpur

#### Academic Calendar

Session: (2017-18)

All the Students of 3<sup>rd</sup>, 5<sup>th</sup>, and 7<sup>th</sup> Sem are hereby informed that the regular classes will commence from June 15, 2017. All the students are being informed to attend their classes regularly from 15<sup>th</sup> June 2017 to obtain 75% class attendance failing which student may be detained in odd semester examination.

MONTH	DAY							No. of Working Days	Holidays	Activities
	SUN	MON	TUE	WED	THU	FRI	SAT			
JUNE-17					1	2	3	13	26:Rmazan Eid	15 : Commencement of Classes 23:Induction program for 3 rd sem students 24:Forum activity
	4	5	6	7	8	9	10			
	11	12	13	14	15	16	17			
	18	19	20	21	22	23	24			
	25	26	27	28	29	30				
JULY-17							1	26	NIL	8:Industrial visit 10:workshop 24-29 Sessional-1 22,29 Forum activity 31: Guest Lecture
	2	3	4	5	6	7	8			
	9	10	11	12	13	14	15			
	16	17	18	19	20	21	22			
	23	24	25	26	27	28	29			
AUG-17								23	15 –Independence Day 17 -Parsi New year 25- Ganesh Chaturthi 30– Mahalaxmi Pujan	12:Industrial visit 28Aug-01sept Sessional-2 26 Forum activity
	6	7	8	9	10	11	12			
	13	14	15	16	17	18	19			
	20	21	22	23	24	25	26			
	27	28	29	30	31					
SEPT-17						1	2	24	2:Bakri Eid 20: Pitrumoksh Amavyashya 30 –Laxmi narayan day ,Dashara	4:Guest Lecture 7:Seminar 8:Industrial visit 9 Forum activity 25-29 PUT exam
	3	4	5	6	7	8	9			
	10	11	12	13	14	15	16			
	17	18	19	20	21	22	23			
	24	25	26	27	28	29	30			
OCT-17	1	2	3	4	5	6	7	19	2: Mahatma Gandhi Jayanti 3 <sup>rd</sup> week:Diwali	3 rd oct-University exam
	8	9	10	11	12	13	14			
	15	16	17	18	19	20	21			
	22	23	24	25	26	27	28			
	29	30	31							
NOV-17				1	2	3	4	25	4 – Gurunanak Jayanti	University Exam(contd.)
	5	6	7	8	9	10	11			
	12	13	14	15	16	17	18			
	19	20	21	22	23	24	25			
	26	27	28	29	30					

The dates mentioned for activities are subject to change depending on review of academics & other constraints.





JAIDEV EDUCATION SOCIETY'S  
**JD COLLEGE OF ENGINEERING & MANAGEMENT**  
 KATOL ROAD, NAGPUR  
**Activity Calendar: 2017-18 (Odd Semester)**

Following activities are planned and scheduled for the September and October month.

MON TH	SU N	MO N	TU E	WE D	TH U	FR I	SAT	No. of Working Days	Holidays	Activities of CSE-IT dept.	Activities of EN-ETC-EE dept.	Activities of Civil dept.	Activities of Mechanical dept.	Activities of 1 <sup>st</sup> year dept.	Activities of MBA dept.	Activities of T & P dept.	Activities of Wellness C
June-17	4	5	6	7	8	9	10	13	26-Ramzan Eid	15 - Commencement of Classes	16- Induction program for III - sem students 4 <sup>th</sup> Week- Industrial Visit 2 <sup>nd</sup> & 4 <sup>th</sup> Sat-Club Activity	19th Commencement of classes	15TH - Commencement of Classes	NIL	Commencement of Classes		
	11	12	13	14	15	16	17										
	18	19	20	21	22	23	24										
	28	26	27	28	29	30											
Jul-17							1	26	5 - Industrial Visit I 2 <sup>nd</sup> Week - Sessional Exam I 19 - Industrial Visit II 30 - Parents Meet I	1 <sup>st</sup> Week - IITIE Installation 1 <sup>st</sup> Week- Seminar 24 - 29 Sessional I 2 <sup>nd</sup> Week- Industrial Visit 3 <sup>rd</sup> Week - Workshop (V & VII Sem) 2 <sup>nd</sup> & 4 <sup>th</sup> Sat-Club Activity	1st week - Workshop for final year students 24	3- Induction program for 2 <sup>nd</sup> year 15 <sup>th</sup> Unit Test I	NIL	20 <sup>th</sup> - Treasure Hunt 20 <sup>th</sup> Extramere	5-Energy Audit, 10- emerging trends in technology, 21 & 22- Campus drive- Mock Test, 24 & 25- Barclay's workshop on life skills		
	2	3	4	5	6	7	8										
	9	10	11	12	13	14	15										
	16	17	18	19	20	21	22										
	23	24	25	26	27	28	29										
	30	31															



JAIDEV EDUCATION SOCIETY'S  
**JD COLLEGE OF ENGINEERING & MANAGEMENT**  
 KATOL ROAD, NAGPUR  
**Activity Calendar: 2017-18 (Odd Semester)**

Following activities are planned and scheduled for the September and October month.

MON TH	SU N	MO N	TU E	WE D	TH U	FR I	SAT	No. of Working Days	Holidays	Activities of CSE-IT dept.	Activities of EN-ETC-EE dept.	Activities of Civil dept.	Activities of Mechanical dept.	Activities of 1 <sup>st</sup> year dept.	Activities of MBA dept.	Activities of T & P dept.	Activities of Wellness C
Aug-17			1	2	3	4	5	24	6 - Raksha Bandhan 15 - Independence Day 17 - Palegi 25- Ganesh Chaturthi	2 <sup>nd</sup> Week - Sessional Exam II 22 - Industrial Visit III 29 - Industrial Visit IV 25 - Workshop/Guest Lecture I	2 <sup>nd</sup> Week- Seminar 28 <sup>th</sup> Aug to-1 Sept. Sessional II 4 <sup>th</sup> Week- Workshop (For All) 2 <sup>nd</sup> & 4 <sup>th</sup> Sat-Club Activity	2nd Week - PIM 14-19 : Class Test 4th week -	21 <sup>st</sup> - Unit Test II	1- Commencement of classes, 4-Intro-17 & Forum Installation, 12 & 25- U.G. Curricular Activity, 16 & 31- Display of JETENGM list 1 & 2 resp.	5th - Nakkad Natak (Street Play), 12th - Book Review, 19th n-Debate Competition, 26th - Together Its 19th (18am Building Activity)	4- Resume writing, 9- Seminar on Angular JS, 17- Aptitude Development 25- Speed maths Calculation	
	6	7	8	9	10	11	12										
	13	14	15	16	17	18	19										
	20	21	22	23	24	25	26										
	27	28	29	30	31												
Sept-17						1	2	23	5 - Ganesh Chaturthi 2 - Bakri Eid 30- Dussehra	7- Industrial Visit V 9 - Industrial Visit VI 16 - Workshop/Guest Lecture II Last week - PUT + Internals	2 <sup>nd</sup> Week- Guest Lecture 25-29- PUT 4 <sup>th</sup> Week- Guest Lecture 2 <sup>nd</sup> & 4 <sup>th</sup> Sat-Club Activity	Mid-Sessional Exam -II	21 - Int. Practical	9 & 29. Co-Curricular Activity, 11-16 Internal Academic Monitoring, 15 & 30- Display of Declaration list 3&4, 23-Parent Meet-1	7th - Movies Review 9th - Volleyball 19th - Ad-Mad Competition 23th - Biz Quiz		
	3	4	5	6	7	8	9										
	10	11	12	13	14	15	16										
	17	18	19	20	21	22	23										
	24	25	26	27	28	29	30										




JAIDEV EDUCATION SOCIETY'S  
**J D COLLEGE OF ENGINEERING & MANAGEMENT**  
 KATOL ROAD, NAGPUR  
 Activity Calendar: 2017-18 (Odd Semester)

Following activities are planned and scheduled for the September and October month.


MON TH	DAY							No. of Workin g Days	Holidays	Activities of CSE-JT dept.	Activities of EN- ETC-EE dept.	Activities of Civil dept.	Activities of Mechanical dept.	Activities of 1 <sup>st</sup> year dept.	Activities of MBA dept.	Activities of T & P dept.	Activit Wellness C
	SU N	MO N	TU E	WE D	TH U	FR I	SA T										
Oct- 17	1	2	3	4	5	6	7	16	2 - Gandhi Jayanti  1 - Mohra m  16 - Diwali 1st day  19- Diwali	8 - Parents Meet II  Mid of October - External Practical 's	3 <sup>rd</sup> Oct - University Exam	PUT	03 - PUT 16 - Ea. Pra. + Univ. Exam.	3-6 Mid- Semester Exam, (Entrepreneurial Activity),  9-13 External Academic Monitoring,  14. Co- Curricular Activity,  21 -Parent Meet 2	8th - Earn while Learn (Entrepreneurial Activity),  15th - CSR Activity		
	8	9	10	11	12	13	14										
	15	16	17	18	19	20	21										
	22	23	24	25	26	27	28										
	29	30	31														
<b>TOTAL -</b>							<b>102</b>										
<p><b>Note:</b> i) Total number of working days from 15<sup>th</sup> June to 21<sup>st</sup> October is 102 Days          ii) The dates mentioned for activities are subject to change depending on review of academics &amp; other constraints.          iii) Wellness Center - Respected madam, Prof. S. Pranav will be submitting her activities according to later updates</p>																	

## 2.3 Academic Calendar (DBATU):



**Dr. Babasaheb Ambedkar Technological University,**  
 "Vidyavihar" P.O. Lonere Tq. Mangaon Dist. Raigad. Pin 402103

**Academic Calendar for A.Y. 2017-18**



DBATU/REG/AC/2017-18/  
 Dates: **29 SEP 2017**

Activity	2 <sup>nd</sup> to 4 <sup>th</sup> Yr. B. Tech	1 <sup>st</sup> Yr. B. Tech	Direct 2 <sup>nd</sup> Yr. admitted B. Tech	2 <sup>nd</sup> Yr. M Tech	1 <sup>st</sup> Yr. M Tech	1 <sup>st</sup> Yr B. Pharm	1 <sup>st</sup> Yr M. Pharm	1 <sup>st</sup> Yr B. Arch	1 <sup>st</sup> Yr M. Arch
Application for affiliation (for colleges) for the AY 2018-19	Aug 3 to Oct 31, 2017								
Admission for 1 <sup>st</sup> Yr. B. Tech (all branches), B. Pharm and B. Arch	--	As per the dates declared by DTE Maharashtra	--	--	--	As per the dates declared by DTE Maharashtra	--	As per the dates declared by DTE Maharashtra	--
Admission for Direct 2 <sup>nd</sup> Yr. B. Tech (all branches)	--	--	As per the dates declared by DTE Maharashtra	--	--	--	--	--	--
Admission for 1 <sup>st</sup> Yr. M. Tech (all courses), M. Pharm and M. Arch	--	--	--	--	As per the dates declared by DTE Maharashtra	--	As per the dates declared by DTE Maharashtra	--	As per the dates declared by DTE Maharashtra
Admission for II Yr. B. Tech (all branches)	June 30, 2017*	--	--	--	--	--	--	--	--
Admission for III Yr. B. Tech (all branches)	July 01, 2017*	--	--	--	--	--	--	--	--
Admission for IV Yr. B. Tech (all branches)	July 03, 2017*	--	--	--	--	--	--	--	--
Admission for II Yr. M. Tech (all branches)	--	--	--	July 04, 2017*	--	--	--	--	--
Commencement of Classes	July 01, 2017	August 01, 2017*	As per the dates declared by DTE Maharashtra	June 01, 2017	August 01, 2017*	August 01, 2017*	August 18, 2017	August 21, 2017	August 21, 2017
Induction Program for First Year students	--	August 01-05, 2017	--	--	--	August 01, 2017*	--	August 21-26, 2017	--

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Activity	2 <sup>nd</sup> to 4 <sup>th</sup> Yr. B. Tech	1 <sup>st</sup> Yr. B. Tech	Direct 2 <sup>nd</sup> Yr. admitted B. Tech	2 <sup>nd</sup> Yr. M Tech	1 <sup>st</sup> Yr. M Tech	1 <sup>st</sup> Yr B. Pharm	1 <sup>st</sup> Yr M. Pharm	1 <sup>st</sup> Yr B. Arch	1 <sup>st</sup> Yr M. Arch
Last date for Enrollment	--	Sept 15, 2017	Sept 15, 2017	--	Sept 15, 2017	Sept 15, 2017	Sept 15, 2017	Sept 15, 2017	Sept 15, 2017
Last date for Enrollment with late fees	--	Sept 29, 2017	Sept 29, 2017	--	Sept 29, 2017	Sept 29, 2017	Sept 29, 2017	Sept 29, 2017	Sept 29, 2017
Remedial Examinations (B. Tech 1 yr, M. Tech)	July 26- August 02, 2017	--	--	July 26- August 02, 2017	--	--	--	--	--
First Periodic Test (B. Tech: III & IV Yr., and 1 <sup>st</sup> Yr. B. Pharm and M. Pharm)	August 16-19, 2017	--	--	--	--	Oct 9-13, 2017	Oct 9-13, 2017	--	--
Internal Academic Monitoring	Sept 11-16, 2017	Sept 11-16, 2017	Sept 11-16, 2017	Sept 11-16, 2017	Sept 11-16, 2017	Sept 11-15, 2017	Sept 11-16, 2017	Sept 11-16, 2017	Sept 11-16, 2017
Last date for submitting Semester Exam forms	Sept 29, 2017	Oct 04, 2017	Sept 29, 2017	Sept 29, 2017	Oct 04, 2017	Oct 04, 2017	Oct 04, 2017	Oct 04, 2017	Oct 04, 2017
Last date for submitting Semester Exam forms with late fees	Oct 06, 2017	Oct 13, 2017	Oct 06, 2017	Oct 06, 2017	Oct 13, 2017	Oct 13, 2017	Oct 13, 2017	Oct 13, 2017	Oct 13, 2017
Last date for submitting Semester Exam forms with super penalty	Oct 13, 2017	Oct 23, 2017	Oct 13, 2017	Oct 13, 2017	Oct 23, 2017	Oct 23, 2017	Oct 23, 2017	Oct 23, 2017	Oct 23, 2017
Second Periodic Test (B. Tech: III & IV Yr., 1 <sup>st</sup> Yr. B. Pharm, M. Pharm)	Oct 3-6, 2017	Oct 3-6, 2017	Oct 3-6, 2017	Oct 3-6, 2017	Oct 3-6, 2017	Nov 20-25, 2017	Nov 20-25, 2017	Oct 30 -Nov 3 2017	Oct 30 -Nov 3 2017
Mid-Semester Exam (B. Tech: I & II Yr., B. Arch, M. Tech, M. Arch)	Oct 3-6, 2017	Oct 3-6, 2017	Oct 3-6, 2017	Oct 3-6, 2017	Oct 3-6, 2017	Nov 20-25, 2017	Nov 20-25, 2017	Oct 30 -Nov 3 2017	Oct 30 -Nov 3 2017
Last date for submitting Mid-Semester Exam marks	Oct 15, 2017	Oct 15, 2017	Oct 15, 2017	Oct 15, 2017	Oct 15, 2017	Dec 4, 2017	Dec 4, 2017	Nov 12, 2017	Nov 12, 2017
External Academic Monitoring	Oct 9-13, 2017	Oct 9-13, 2017	Oct 9-13, 2017	Oct 9-13, 2017	Oct 9-13, 2017	Oct 9-13, 2017	Oct 9-13, 2017	Oct 9-13, 2017	Oct 9-13, 2017
Last date of submitting internal assessment marks	Oct 27, 2017	Nov 30, 2017	Oct 27, 2017	Oct 27, 2017	Nov 30, 2017	Dec 09, 2017	Dec 09, 2017	Dec 15, 2017	Dec 15, 2017
End of Classes	Oct 27, 2017	Nov 30, 2017	Oct 27, 2017	Oct 27, 2017	Nov 30, 2017	Dec 09, 2017	Dec 09, 2017	Dec 15, 2017	Dec 15, 2017
Practical Exam (1 <sup>st</sup> Yr B. Tech, B. Pharm, M. Pharm, B. Arch, M. Arch and 2 <sup>nd</sup> Yr B. Tech)	Oct 30 - Nov 03, 2017	Dec 02-08, 2017	Oct 30 - Nov 03, 2017	Oct 30 - Nov 03, 2017	Dec 02-08, 2017	Dec 11-15, 2017	Dec 11-15, 2017	Dec 26-30, 2017	Dec 26-30, 2017
Submission of Lab course marks for III/IV Yr. B. Tech)	Oct 30 - Nov 03, 2017	Dec 02-08, 2017	Oct 30 - Nov 03, 2017	Oct 30 - Nov 03, 2017	Dec 02-08, 2017	Dec 11-15, 2017	Dec 11-15, 2017	Dec 26-30, 2017	Dec 26-30, 2017
Conduct of Project stage-I exam and seminar exams for B Tech and M Tech	Oct 30 - Nov 03, 2017	Dec 02-08, 2017	Oct 30 - Nov 03, 2017	Oct 30 - Nov 03, 2017	Dec 02-08, 2017	Dec 11-15, 2017	Dec 11-15, 2017	Dec 26-30, 2017	Dec 26-30, 2017

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Activity	2 <sup>nd</sup> to 4 <sup>th</sup> Yr. B. Tech	1 <sup>st</sup> Yr. B. Tech	Direct 2 <sup>nd</sup> Yr. admitted B. Tech	2 <sup>nd</sup> Yr. M Tech	1 <sup>st</sup> Yr. M Tech	1 <sup>st</sup> Yr B. Pharm	1 <sup>st</sup> Yr M. Pharm	1 <sup>st</sup> Yr B. Arch	1 <sup>st</sup> Yr M. Arch
Convocation	Nov 18, 2017								
Semester Examinations	Nov 06-29, 2017	Dec 11-22, 2017	Nov 06-29, 2017	Nov 06-29, 2017	Dec 11-22, 2017	Dec 18-26, 2017	Dec 18-26, 2017	Jan 1-8, 2018	Jan 1-8, 2018
Vacation to Faculty & Technical Staff	Dec 1-20, 2017**			Dec 15-28, 2017**			Dec 16-30, 2017**		
Commencement of Classes for the Next Semester	Dec 26, 2017	Dec 26, 2017	Dec 26, 2017	Dec 26, 2017	Dec 26, 2017	Jan 1, 2018	Jan 1, 2018	Jan 15, 2018	Jan 15, 2018
Declaration of semester examination Results	Jan 13, 2018	Feb 06, 2018	Jan 13, 2018	Jan 13, 2018	Feb 06, 2018	Jan 27, 2017	Jan 27, 2017	Jan 31, 2017	Jan 31, 2017
First Periodic Test (B. Tech: III & IV Yr., 1 <sup>st</sup> Yr. B. Pharm, M. Pharm)	Feb 1-3, 2018	--	--	--	--	April 2-7, 2017	April 2-7, 2017	--	--
Internal Academic Monitoring	Feb 05-09, 2018			Feb 05-09, 2018			Feb 05-09, 2018		
Remedial Examinations (B. Tech I & II yr., M. Tech)	Feb 14 - 23, 2018	March 06 - 13, 2018	Feb 14 - 23, 2018	Feb 14 - 23, 2018	March 06 - 13, 2018	March 06 - 13, 2018	March 06 - 13, 2018	March 06 - 13, 2018	March 06 - 13, 2018
Second Periodic Test (B. Tech: III & IV Yr., 1 <sup>st</sup> Yr. B. Pharm, M. Pharm)	March 1-5, 2018			May 2-8, 2018			March 26-30, 2018		
Mid-Semester Exam (B. Tech: I & II Yr., 1 <sup>st</sup> Yr. B. Arch, M. Arch)	March 13, 2018			May 15, 2017			April 09, 2017		
Last date for submitting Mid-Semester Exam marks	March 19-23, 2018			March 19-23, 2018			March 19-23, 2018		
External Academic Monitoring	March 17, 2018			March 17, 2018			March 17, 2018		
Last date for submitting Semester Exam forms	March 23, 2018			March 23, 2018			March 23, 2018		
Last date for submitting Semester Exam forms with late fees	March 31, 2018			March 31, 2018			March 31, 2018		
Last date for submitting Semester Exam forms with super penalty	April 13, 2018			May 15, 2018			April 30, 2018		
Last date of submitting internal assessment marks	April 13, 2018			May 15, 2018			April 30, 2018		
End of Classes	April 16-21, 2018			May 16-19, 2018			May 1-5, 2018		

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Activity	2 <sup>nd</sup> to 4 <sup>th</sup> Yr. B. Tech	1 <sup>st</sup> Yr. B. Tech	Direct 2 <sup>nd</sup> Yr. admitted B. Tech	2 <sup>nd</sup> Yr. M Tech	1 <sup>st</sup> Yr. M Tech	1 <sup>st</sup> Yr B. Pharm	1 <sup>st</sup> Yr M. Pharm	1 <sup>st</sup> Yr B. Arch	1 <sup>st</sup> Yr M. Arch
Submission of Lab course marks for III/IV Yr. B. Tech) Project exam B. Tech, B. Pharm, B. Arch and Seminar Exams for M Tech	April 16-21, 2018					May 16-19, 2018		May 1-5, 2018	
Semester Examinations	April 23 - May 19, 2017					May 22-30, 2018		May 8-18, 2018	
Vacation to Faculty & Technical Staff	May 07 - June 15, 2018**					May 17 - June 24, 2018**		May 7 - June 15, 2018**	
Commencement of Classes for the Next Semester	June 19, 2018	August 01, 2018*	As per the dates declared by DTE Maharashtra	June 19, 2018	August 01, 2018*	June 25, 2018 For 2 <sup>nd</sup> Yr. B. Pharm	June 25, 2018 For 2 <sup>nd</sup> Yr. M. Pharm	June 19, 2018 For 2 <sup>nd</sup> Yr. B. Arch	June 19, 2018 For 2 <sup>nd</sup> Yr. M. Arch
Declaration of semester examination Results	On or before July 03, 2018					On or before July 03, 2018		On or before July 03, 2018	

Dates may vary as per the schedule to be declared by DTE Maharashtra

\*\*Faculty and staff members eligible for vacation should proceed to vacation after due permission from the concerned reporting officer.

# Respective classes will remain suspended during the admission schedule.

- Note:**
1. All the Head of the institutes/departments have to take measures to conduct the additional instructional days for academic activities if needed.
  2. All practical & term work shall be completed with continuous assessment as per curriculum till the end of semester.



(Dr. Sunil S. Bhamare)  
Registrar


Copy submitted to: Hon'ble Vice-Chancellor (for information)

Copy to:

1. All Heads of the Departments & Sections, Dr BATU
2. Principal/Director, All affiliated Colleges
3. Controller of Examinations, Dr BATU
4. Dr. H. S. Joshi, University Timetable Coordinator
5. Website 'www.dbatu.ac.in'

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## 2.4 NPTEL Activities:



The screenshot shows the NPTEL Local Chapter website for J D College Of Engineering & Management. The page features the college's logo and name at the top. Below this, a bullet point states: "JDCEM NPTEL Local chapter established in October 2016 with center No.804, Single Point of Contact (SPOC): Neetu N. Gyanchandani". The website also displays the college's address: "J D COLLEGE OF ENGINEERING & MANAGEMENT, PONDALS, POST: SRINI NEAR HINDURAN TEMPLE, BORDOCHI, PUNE-411004 (MS) INDIA" and its website URL: "http://www.jdceem.ac.in". A section titled "SPOC" lists the name "PROF. NEETU GYANCHANDANI", designation "ASSISTANT PROFESSOR/LECTURER", and "Partnering since - Oct-2016". A message at the bottom of the page reads: "NPTEL is very happy to be associated with J D COLLEGE OF ENGINEERING & MANAGEMENT institute and its students. We are thankful to PROF. NEETU GYANCHANDANI for being a pillar of support in NPTEL initiatives." The date "July - December 2017" is visible at the bottom of the page.



# CERTIFICATE OF APPRECIATION

is awarded to

**NEETU GYANCHANDANI**

of

**J D COLLEGE OF ENGINEERING & MANAGEMENT**  
NAGPUR, MAHARASHTRA

for his/her instrumental role as SPOC for the NPTEL Local Chapter.  
Thank you for being NPTEL's brand ambassador at your esteemed institution.




Active SPOC based on Candidate Participation  
for the JUL - DEC 2017 semester



A handwritten signature in black ink, appearing to read 'B. Ramamurthi'.

**PROF. BHASKAR RAMAMURTHI**  
Chairman, NPTEL PIC  
Director, IIT Madras

## 2.5 Cash Awards to Students:

 **J D College Of Engineering & Management**  
Education to Eternity

**Felicitation of University Toppers**



Encouragement and Reward to the students  
RTM Nagpur University Toppers awarded with Prize amount Rs. 10 Lakhs.

 **J D College Of Engineering & Management**  
Education to Eternity

**Felicitation of University Toppers**



Encouragement and Reward to the students  
RTM Nagpur University Toppers awarded with Prize amount Rs. 10 Lakhs.

*& Many More*

## 2.6 Recognition to Staff

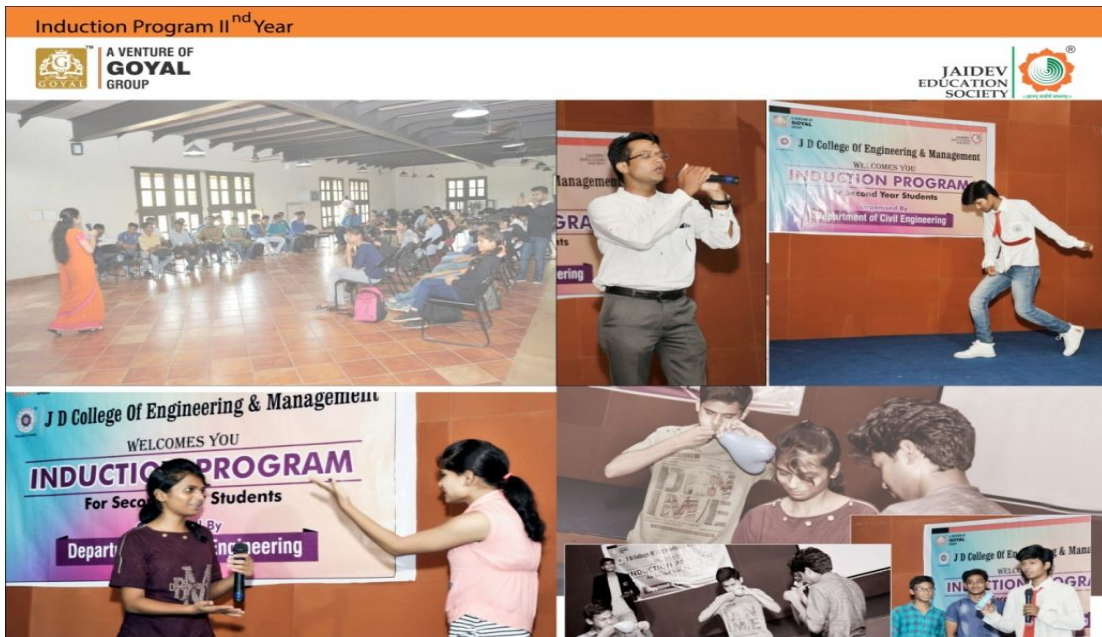




## 2.7 Cultural Activities:



## 2.7 Students Induction:



## Criterion – III

### 3. Research, Consultancy and Extension

#### 3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution:

In order to create Research Centric Climate in the institute, the IQAC has initiated the following in the institute:

Establishment of Centre for Research Patenting and Industrial Consultancy (CRIPC)

- More emphasis on digital learning resources like NPTEL, SWAYAM, NDL, Virtual Labs
- Organizing NABL, National Accreditation Board of Laboratories workshop for Laboratory accreditation.
- Organizing International Conferences to promote research culture.
- Expert Lecture Series organised on Research Methodology.
- Support to students & Faculties for Research & Higher Education in IIT,s & NIT,s
- Sabbaticals to faculties pursuing PhD
- Seed Money for R&D activities on the basis of the merit of the proposal.
- Developing Ecosystem to carry out Live Projects.
- Incentives for publication in SCI, Web of Science and other Scholarly journal publications.
- Incentives for filling the patents & technical assistance.
- Promoting departments for organizing STTP, FDP, Workshop
- Encouraging faculty members to apply for AICTE,ISTE funded programmes.
- Plagiarism check to ascertain the quality of the research paper.

#### 3.2 Details regarding major projects:

	Completed	Ongoing	Sanctioned	Submitted
Number	NIL	NIL	NIL	NIL
Outlay in Rs. Lakhs	NIL	NIL	NIL	NIL

#### 3.3 Details regarding minor projects:

	Completed	Ongoing	Sanctioned	Submitted
Number	05(EE)	10(EE)	05(EE)	05(EE)
Outlay in Rs. Lakhs	75000	--	--	--

#### 3.4 Details on research publications:

	International	National	Others
Peer Review Journals	08	NIL	NIL
Non-Peer Review Journals	03	NIL	NIL

e-Journals	25	NIL	NIL
Conference proceedings	65	NIL	NIL

### 3.5 Details on Impact factor of publications:

Range  Average  h-index  Nos. in SCOPUS

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

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	NIL	NIL	NIL	NIL
Minor Projects	NIL	NIL	NIL	NIL
Interdisciplinary Projects	NIL	NIL	NIL	NIL
Industry sponsored	NIL	NIL	NIL	NIL
Projects sponsored by the University/ College	NIL	NIL	NIL	NIL
Students research projects ( <i>other than compulsory by the University</i> )	NIL	NIL	NIL	NIL
Any other(Specify)	NIL	NIL	NIL	NIL
Total	NIL	NIL	NIL	NIL

### 3.7 No. of books published

Chapters in Edited Books

i) With ISBN No

ii) Without ISBN No.

### 3.8 No. of University Departments receiving funds from

UGC-SAP  CAS  DST-FIST

DPE  DBT Scheme/funds

### 3.9 For colleges

Autonomy  CPE  DBT Star Scheme

INSPIRE  CE  Any Other (specify)

**3.10 Revenue generated through consultancy :**

Rs.1,50,000

**3.11 No. of conferences organized by the Institution**

Level	International	National	State	University	College
Number	1	NIL	NIL	NIL	NIL
Sponsoring agencies	Goyal Group of Industries	NIL	NIL	NIL	NIL

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

2

**3.13 No. of collaborations**

International

NIL

National

NIL

Any other

NIL

**3.14 No. of linkages created during this year**

17

**3.15 Total budget for research for current year in lakhs :**

From funding agency

1,50,000/-

From Management of University/College

NIL

Total

1,50,000/-

**3.16 No. of patents received this year**

Type of Patent		Number
National	Applied	NIL
	Granted	NIL
	Published	01
International	Applied	NIL
	Granted	NIL
Commercialised	Applied	NIL
	Granted	NIL

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

Total	International	National	State	University	Dist	College
01(ME)+ 2 (PHD)	NIL	NIL	NIL	01(ME)	NIL	NIL

**3.18 No. of faculty from the Institution**

Who are Ph. D. Guides  
and students registered under them

02

07

**3.19 No. of Ph.D. awarded by faculty from the Institution** 3

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

JRF       SRF       Project Fellows       Any other

**3.21 No. of students Participated in NSS events:**

University level       State level   
National level       International level

**3.22 No. of students participated in NCC events:**

University level       State level   
National level       International level

**3.23 No. of Awards won in NSS:**

University level       State level   
National level       International level

**3.24 No. of Awards won in NCC:**

University level       State level

National level  International level

**3.25 No. of Extension activities organized**

University forum  College forum   
NCC  NSS  Any other

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

## Annexure: 3

### 3.1 International Conference (ICATSD 2018)







### 3.2 CEO Series:




## CEO Series at a glance

A VENTURE OF GOYAL GROUP

JAIDEV EDUCATIONAL SOCIETY

J D College Of Engineering & Management  
NAAC Accredited, Grade "A"

**CEO Series:**  
JDians signing up with Corporate India



**Mr. P. S. Rajesh**  
Assistant Vice President  
(Automation), TCS,  
Pune.

**Takeaways:**

- Get ready for Uberisation of jobs.
- Make your Mark thru "Stay Hungry Stay Foolish" way.
- Always raise questions.
- Number of Hours per day are 24+ .
- Arm yourself with : AI, IoT, Machine Learning, Block Chain Technology


» DATE «  
05<sup>th</sup> January, 2018

A VENTURE OF GOYAL GROUP

JAIDEV EDUCATIONAL SOCIETY

J D College Of Engineering & Management  
NAAC Accredited, Grade "A"

**CEO Series:**  
JDians signing up with Corporate India



**Mr. Arun Ojha**  
Incharge, Talent Acquisition,  
Global Logic

**Takeaways:**

- ◆ Build up strong fundamentals.
- ◆ Develop technical skills.
- ◆ Corporate look for self learners.
- ◆ Communication matters: English is the global language.
- ◆ Appearance is not the be all and all.
- ◆ Tell about yourself beyond CV.
- ◆ Be genuine and true: listening music is not a hobby.

» DATE «  
17<sup>th</sup> February, 2018

J D College of Engineering and  
Management

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### 3.3 AICTE Sponsored Faculty Development Program:



## AICTE funded FDP

✓ Received the grant for Faculty Development Program of **Rs.3.15 lakh** on "Enhancing Moral, Emotional and Ethical Competencies amongst Engineering and Management Students: The Need for Paradigm Shift in Pedagogy".

✓ Co - Ordinator Dr. Ujwala Dange



J D College of Engineering and Management

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## Criterion – IV

### 4. Infrastructure and Learning Resources

#### 4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	41440	Nil	Tuition	41440
Class rooms	29	Nil	Tuition	29
Laboratories	59	Nil	Tuition	59
Seminar Halls	01	Nil	Tuition	01
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	Nil	Nil	Tuition	Nil
Value of the equipment purchased during the year (Rs. in Lakhs)	Nil	Nil	Tuition	Nil
Others	Nil	Nil	Tuition	Nil

#### 4.2 Computerization of administration and library

The working of the library and administrative functions such as Stores, Accounts, Student Section are computerised through in house ERP software.

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	17599/	6111376			17599	6111376
Reference Books	3317/	1255280			3317	1255280
e-Books	1500				1500	
Journals	24	53,730	20	42,000	48	95730
e-Journals	DELNET	11,500			DELNET	11,500
Digital Database						
CD & Video	674				674	BOOK CD
Others (specify)						

#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	405	05	24mbps	All	01	10	All Dept	
Added	381	03	54mbps	All	-	-	All Dept	
Total	786	08			01	10		

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

The newly inducted students are given the sessions on basics of computer operation, email account opening. They are also trained to enrol for MOOCS, NPTEL, Swayam through dedicated sessions. Apart from this they are also imparted training on applying for Govt. Scholarships, Hostel under Swadhar Yojana.

The newly inducted teachers are also given hands on training on in-house ERP software for Attendance, Leave Management and other administrative applications related to them. Wi Fi enabled campus helps them to explore new areas in their respective domains.

#### 4.6 Amount spent on maintenance in lakhs :

i) ICT	44.48lakhs
ii) Campus Infrastructure and facilities	275.05lakh
iii) Equipments	37.71lakhs
iv) Others	179.38
<b>Total :</b>	<b>536.82lakh</b>

## **Criterion – V**

### **5. Student Support and Progression**

#### **5.1 Contribution of IQAC in enhancing awareness about Student Support Services :**

During induction the information about various offices and their functions is disseminated to the students. The statutory information related to course, rules, and regulations is also updated on the college website from time to time. Efforts are made to make the administrative processes students centric. The various notices received from government offices are communicated to the students through notice boards, departmental Whats App Groups etc.

#### **5.2 Efforts made by the institution for tracking the progression**

The Activity and Academic Calendar is prepared well in advance before the commencement of the session. Efforts are made to track the progress of academics as well as various curricular and co-curricular activities. In order to track the progression of the students, the well conceived Teacher Guardian Scheme is implemented to address the issues related to curriculum, co-curricular activities. The Wellness sessions in the time table ensure to address the issues related to adjustment inventory of the students. In order to provide opportunities for all round development, the full fledged training is imparted in Performing Arts such as Dance, Drama, Music.

Placement tracks the training requirement of the students in association with departmental placement in charges and industries around. On the basis of the feedback the training modules are conducted and the outcome of each module is tracked by the Training and Placement Cell.

Alumni meet is organized every year to maintain the ties with the alumni and also to share and exchange placement opportunities with them. Respective departments too maintain the relevant data of the students.

E Cell conducts awareness workshops about Entrepreneurship & Start Ups under PMYUVA Yojana. Various activities are conducted to give Hands on Experience on Entrepreneurship. The students are encouraged to participate in the National Level Meets , Global Entrepreneurship Summit at IIT, Kharagpur. The students are provided guidance on Start Ups. Four Start Ups have been initiated so far by the students.

**5.3 (a) Total Number of students**

UG	PG	Ph. D.	Others
1714	22	0	0

(b) No. of students outside the state

7

(c) No. of international students

0

No	%
1119	64.45

Men

No	%
617	35.54

Women

Last Year(2016-17)									This Year(2017-18)								
General	SC	ST	OB C	SB C	NT	VJ	Physicall y Challeng ed	Total	General	SC	ST	OB C	SBC	NT	VJ	Physicall y Challeng ed	Total
238	571	51	520	116	85	29	01	1612	277	704	55	593	107	113	22	01	1872

Demand ratio 94%

Dropout %-9.63%

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

Every Department has GATE Study Group under the guidance of in-house faculty .The deliberations are conducted with the help of GATE Study Material, i.e Made Easy. The students are encouraged to take up MOOCs on GATE preparation.

The in-house faculties conduct Aptitude training and various MOCK test for PSU exams as well.

No. of students beneficiaries

755

### 5.5 No. of students qualified in these examinations

NET  SET/SLET  GATE  CAT   
IAS/IPS etc  State PSC  UPSC  Others

### 5.6 Details of student counselling and career guidance

- Group Counseling : 42
- Career Counseling : 38
- Personal social Counseling: 130
- Parents Counseling : 22

No. of students benefitted

### 5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
35	350	224	29

### 5.8 Details of gender sensitization programmes

- The college has Internal Complaint Committee. The sessions are conducted on Sexual Harassment at Workplace: Prevention and Provisions. The workshops and activities on awareness, counselling and remedial actions are conducted from time to time.



## Annexure: 4

### 4.1 Campus Recruitment:

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#### Glimpses of Campus Drives Session 2017-18



**Campus Drive of Juspay, Bangalore : Salary Offered : 6LPA**

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## **Glimpses of Campus Drives Session 2017-18**



**Campus drive : Fastest Technocraft**

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## **Glimpses of some Activities /Workshop/Seminar**



**Barclays- YEI Program for students**



## 4.2 Students in E-Yantra Ideas Competitions IIT Mumbai



# J D College Of Engineering & Management eYantra Ideas Competition



- “Smart Agriculture System using Autonomous Robot” made by students of 3<sup>rd</sup> Year ETC, qualified for the National Finals of eYantra Ideas Competition.
- Was one of the **Top 18 teams** in National Finals. This makes the team one of the **top 5.66 percent** of the contestant. **Competed against 318 National Teams.**
- Presented the Project at IIT-Bombay



# J D College Of Engineering & Management Best Mentor



Prof. Amit Bhattacharya received the “**Best Mentor**” award from IIT-Bombay.

### 4.3 TG Visits:



## PARENTS CONNECT



### The glimpses of Home visits by our Faculties

JD College of Engineering and  
Management

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## **Criterion – VI**

### **6. Governance, Leadership and Management**

#### **6.1 State the Vision and Mission of the institution**

Vision: To be a center of excellence imparting professional education satisfying societal and global needs.

Mission: Transforming students into lifelong learners through quality teaching, training and exposure to concurrent technologies. Fostering conducive atmosphere for research and development through well equipped laboratories and qualified personnel in collaboration with global organizations.

#### **6.2 Does the Institution has a management Information System**

The institutional ERP has been developed . This ERP software takes care of student attendance, admission process, stores, library management, feedback from the stakeholders.

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

##### **6.3.1 Curriculum Development:**

Each Department has the strong industry connect. Proactive efforts are made by the faculty members to ascertain the needs of the industry during the interactions at various platforms. These inputs from the industry are vital in planning the curriculum delivery for the students. Moreover The college is affiliated to Dr. Babasaheb Ambedekar Technological University, DBATU since 2017-18.

Due to new affiliation, the curriculum being imparted is the latest one adhering to the dynamics of the various sectors. The new entrants are getting benefited from the new affiliation in terms of latest contents across all the engineering branches offered by the college.

The students of 3<sup>rd</sup> and final year who are part of Rashtrasant Tukdoji Maharaj Nagpur University,(RTMNU), Nagpur are also offered latest courses in the respective domains through

Video Lectures, Virtual Laboratory, MOOCS through Swayam and NPTEL modules. Through NPTEL modules, the institute has developed remarkable contacts with all the IITs in the country. This helps us to bridge the gap between industry and the institute. The Gap Analysis is carried out by the departmental faculties during their Industry Institute Interaction. The expert lectures of industry personnel too are conducted from time to time. These experts create awareness about the prevailing trends in the various sectors. These sessions also help students in identifying their priorities in academic as well as career planning. On the basis of the inputs from the industry experts, the students attached to RTMNU have been for compulsory internship from 3<sup>rd</sup> Semester onwards during Winter and Summer break. These internships are not mandated by the university. The students are also given opportunities to work with leading NGOs like Pani Foundation, Vanrai, PEACE Foundation etc. The students have also undertaken internships with Swacchata Bharat Abhiyan as well. This has helped in developing life skills along with Curricular progress of the students.

### **6.3.2 Teaching and Learning**

The entire teaching learning processes are meticulously planned and executed by the Dean(Academics), Heads of the Departments, Departmental Academic In charges and Class Teachers. The regular meetings of the above ensure that the Teaching Learning processes are being conducted as per scheduled timelines. The students are made to appear for various internal evaluation through Pen Paper Test from time to time. At the same time to expand their knowledge and instil the sense of self learning, the Open Book Tests are also conducted by the respective subject teachers from time to time. 2 PUTs and Sessional are conducted during every Semester. Re sessional and Re PUT is also conducted for the weak performers during every cycle of the evaluation.

In case of the students enrolled for B.Tech Courses under DBATU, activity and project based pedagogy will be implemented. The thrust is on experiential learning. The evaluation pattern is designed so as to develop strong conceptual clarity in the given subject. The section of question paper constitute questions 1/3 Multiple Choice Questions, 1/3 short answer, and 1/3 long answer. This pattern of question papers will ensure the deep understanding of the subject and thereby its applications..

The classroom teaching is undertaken through You Tube videos, MOOCS, Power Point presentations aided by conventional Chalk and Talk method. The students are encouraged to take

Quiz Sessions, model making etc. The students are encouraged to create their own subject related videos. The students are introduced to concurrent technologies and thereby are motivated for lifelong learning .

The students under DBATU will be offered academic flexibility by allowing them to opt for NPTEL and Swayam Courses of their choice. On gaining 20 credits through such courses, the students are entitled for BTech(Hons) degree.

In order to involve the stakeholders such as students, parents, alumni, recruiters the feedback mechanism is in place to know the expectations of these stakeholders from the institute. At the entry level the students are identified as Slow learners and Fast Learners and on the basis of their scores in these tests, the customized pedagogic interventions are imparted to them to enhance their academic adjustments.

In order to improve their employability skills, apart from the in-house trainers, the college conducts the “Barcalays Module”. From time to time, every department conducts domain specific training modules, Industrial Visits, Guest Lectures, Forum Activities so as to enable students to expand their learning grounds.

### **6.3.3 Examination and Evaluation**

Since the 1<sup>st</sup> and 2<sup>nd</sup> year courses are affiliated to the Technological University, the examination is conducted as per DBATU. The students are subjected to continuous assessment for 20 marks. Mid Term Examination based on 3 Units carrying weight age of 20 marks. These exams are followed by end term examination for 60 marks. The thrust is given on project based and experiential learning throughout the semester for all the prescribed courses. 40% weight age is given for external assessment; Practicals are assessed on the basis of 40 % external weight age and 60% internal weight age. The students have to perform minimum 10 experiments. Evaluation is based on performance, attendance and Viva Voce and Journal Entries. Field projects are also assessed during viva voce.

### **6.3.4 Research and Development**

Research has been mandated as the activity of prime importance in the institute. The students are encouraged to undertake live projects. The students identify the research area for project during their internship tenures. Moreover in Technological University the thrust is upon Project Based Learning .The guides are allotted to the students on the basis of their area of interest and the specialization of the concerned project guide. The various timelines finalized by the Dean

(Acad) ensure that the students and guides are in constant touch with each other. The activities include Project Defining Seminar, Fortnightly Progress, Site Visit and Compulsory NPTEL MOOCs on the project domain. Projects for Under Graduate and Post Graduate courses as per the above procedures. Departmental Research Approval Committees monitor the progress of the students projects from time to time.

As a part of E-Yantra Robotics Laboratory, in association with IIT Bombay, the students had participated in E-Yantra Ideas Competition hosted by IIT Bombay. This team was amongst the top 18 finalist who designed “Smart Agriculture System using Autonomous Robot”. The Professor In Charge(Mentor) of this team was awarded **Best Mentor** by IIT Bombay.

Apart from the live projects, the college conducts National Level Symposium for the students namely “Brainwaves”. This event witnesses the project presentations, model making and host of technical activities to induce the scientific temperament amongst the students. The college encourages students to participate in various project competitions at various institutes and the industrial organizations like Vidarbha Industries Association etc. The students are encouraged to participate in Hackathon,, Chatra Vishwkarma Competition conducted by AICTE. The students are participating in the National Go Kart Competitions. The students excelling in these events are given special recognition.

The faculty members are encouraged to pursue the doctoral research at the institutes of National Repute under QIP. They are given Sabbaticals for the purpose. The provisions are there in the form of rewards and recognition to the faculties who are pursuing doctoral research. The institute also provides support for participation and presentation in National and International Conferences and Seminars. The college has hosted International Conference ,ICATSD which attracted 400+ research scholars across the country as well as abroad.

The college has set up Centre for Research, Patenting and Industrial Consultancy(CRPIC). The dedicated faculties are earmarked to look after the smooth conduct of various activities under this centre. This centre motivates and assist faculty members to pursue doctoral programmes. The academic researchers of high repute are roped in to assist faculty members to identify the research problem, data handling and data analysis. The Workshops on “Patent Filing “also were conducted under the aegis of CRPIC.



### **6.3.5 Library, ICT and physical infrastructure / instrumentation**

The institute has well stocked library meeting the prevailing norms. The library has the areas earmarked for reading section, reprographic facilities which meets the requirement of the visitors. The maintenance of the of the college premises, buildings, open spaces is taken care of by the Site Engineer along with Maintenance Team. . The work of these sections is undertaken as per the procedures and timelines. Following are the prominent features of the college Library, ICT, Infrastructure & Instrumentation:

- The working hours of the library are 8am-6pm. During examination days, the working hours of the library are extended. Every Department too has library which houses the
- The college provides the necessary Information and Communication Technology facilities to enable students to complete NPTEL, Swayam MOOCS during college hours.
- The session in Virtual Labortary and Language Laboratory are also conducted. During the academic session 2017-18, 10000 practical have been conducted in the Virtual Laboratory.
- The entire college premises is Wi-Fi enabled.
- The EYantra Labortary and Workshop is opened 24\*7 .
- There is uninterrupted power supply for smooth functioning of all the teaching learning processes.

### **6.3.6 Human Resource Management:**

Human Resources are well nurtured by the institute. All the HR processes are governed by the well documented HR Manual. In order to help faculty members to excel in their performance, the Performance Appraisal formats are implemented. The necessary sensitization measures are undertaken during induction programmes.

The Induction programme is conducted for the newly joined faculties at the beginning of the academic session, to apprise them of the best practices of the institute. This helps the faculties to adjust quickly in the new set up. The Non Teachers are also inducted in the system through Induction Programme with thrust upon providing seamless service and support to all the stakeholders. The teachers are provided with the following:

Sabbatical leaves to pursue research.

The financial support is given to publish papers in reputed journals.

The Revenue Sharing Policy is there for Industrial Consultancy.

Best Teacher and Non Teacher Award

Counselling Support

Concession to Teacher's Wards

Deputation for Need Based training at industries or Institutes of National Repute

Special Leaves for family occasions

Financial Aid during emergency

Annual Family Gathering

### **6.3.7 Faculty and Staff recruitment**

The institute has well defined HR policies which are documented in the HR Manual. Selection of the incumbents is governed as per the prevailing AICTE and Affiliating University Norms. The faculty requirement is chalked out in advance before the commencement of the session. The processing of requirement is done by the Vice Principal and the advertisements are floated in all the leading dailies. The Vacancy positions hosted on the College Website. The institute makes efforts to attract the deserving and talented personnel for various positions by offering them the :

- Conducive Work Environment
- Opportunities for Vertical Growth
- Salary commensurate with Qualifications and Experience

The interviews are conducted by the renowned subject experts. The applicants are filtered on the basis of their experience, qualification and eligible candidates are called for Online Test followed by Teaching Demonstration and HR Interview. Once the selection procedure is done the newly appointed faculties are given Induction Training.

### **6.3.8 Industry Interaction / Collaboration**

In order to facilitate the meaningful interaction between Institute and the Industry, Industry Institute Interaction Cell (III) and Entrepreneurship Development Cell (E Cell) is formed. Under the aegis of III Cell the institute could reap the benefits in terms of :

- Bridge the gap between industry and academia by designing the customized training modules from employability perspective. These gaps were identified during departmental faculty's industrial visits.

- The Curriculum Delivery beyond classrooms with the help of Guest lectures and CEO Series undertaken to foster interaction with CEOs of the companies.
- The 500 students undertook internships with 305 companies in and around Nagpur.
- The faculty is empanelled with National Accreditation Board of Laboratories to carry out Consultancy Assignments.
- The technical training is imparted to industry personnel.
- Management Development Programmes are conducted for practising managers in the industries around.
- The close working with industry has enhanced the placement ratio for the session 2017-18.
- The ECell under Prime Minister's Yuva Udyamita Yojana (PMYUVA) is started, wherein the students are imparted systematic training on Entrepreneurship through NEN 100 module to harness the culture of Start Ups in the campus.
- The ECell conducts interactive sessions of Start Up Entrepreneurs from time to time.

#### **6.3.9 Admission of Students :**

The institute has Admission Cell which ensures the all the admissions as per prevailing norms of the State Government. The students for Under Graduate Programmes in Engineering are admitted through MH CET or JEE examinations conducted by respective competent authorities. For Post Graduate Programme in Engineering too the State Government norms are adhered to, i.e the students with Positive GATE Score are eligible for admissions. For MBA programme the students qualifying MH CET,CAT,,MAT,XAT are eligible to seek admissions . All the admissions are conducted through Centralised Admission Process set up by the competent State Government Authority.

The advertisements regarding vacancy position is floated in the local newspapers as per the various timelines and the vacancy position is also updated on the website as well. Since the institute is a Linguistic Minority, reservation policy is not applicable.

#### **6.4 Welfare schemes for:**

Teaching	Yes
Non teaching	Yes
Students	Yes

Teaching	Yes
Non Teaching	Yes
Students	Yes

**6.5 Total corpus fund generated**

7,099,69,295

**6.6 Whether annual financial audit has been done**  Yes  No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Co Located colleges	Yes	Inter Deptl
Administrative			Yes	Inter Deptl

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

For UG Programmes Yes  No

For PG Programmes Yes  No

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

Not Applicable

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

The affiliating university is DBATU. The university encourages affiliated colleges to apply for academic autonomy which are NAAC Compliant.


**6.11 Activities and support from the Alumni Association**




The Alumni has made valuable contributions towards the alma matter as under:

Internship provided to students in Industry of Alumni:

1. Mr. Ameya Munde of Electronics & Telecommunication, Technical Manager at ARK Infosolutions Pvt. Ltd., Pune : 05 students of Electronics & Telecommunication and Computer Science Engg.
2. Mr. Nikhil Jambhulkar of Mechanical, Market Research Analyst at Bloom IT Services : 02 students of Computer Science & Engineering.
3. Mr. Shubham Rahangdale, of Mechanical, working at Svenska Technology: 02 students of Mechanical Engineering .
4. Ms. Snehal Wankhade of Computer Science & Engineering working at Webcuits Technology, Nagpur: 14 Students of Computer Science & Engineering and Information Technology

#### Alumni Cell Activity Report (July 2017– July 2018)

Sr. No.	Month	Event/ Program	Name of Alumni	Date	Department	No. of Beneficiary	Glimpses/Photograph
1.	July 17	Guest Lecture on Recent Trends in Industry with NI Labview	Ms. Namika Rodge	14/07/2017	Electronics & Telecommunication	50	
2	Aug 17	Mitigating the gap between Industry & Institute using NI Labview.	Ms. Ashwini Choudhari	18/08/2017	Electronics & Telecommunication	65	

3	Dec 17	Industry Experience	Mr. Vijay Kichar, Ms. Vijashri Telang	13-12-2017	Computer Science & Engineering	60	
4	Jan18	Guest Lecture on Interview Skill and Industrial Experience	Mr. Lakbirsingh Marhas	15-01-2018	Mechanical Engineering	75	
5	May 18	Skill Requirement for Placement	Mr. Pravin Jadhao	25-05-2018	Mechanical Engineering	72	
6	June 18	Chit Chat with Alumni	Ms. Rasika Choudhari	29-06-2018	Civil Engineering	45	
7	July 18	Gate awareness	Mr. Samshad Ali	12-07-2018	Civil Engineering	41	

### 6.12 Activities and support from the Parent – Teacher Association

Every department conducts Parents Meet in every Semester. As a part of Teacher Guardian Scheme, the Guardian teacher visits the parents at their homes to establish the meaningful dialogue with them. The parents who are working at higher positions, or entrepreneurs are also invited for guest lecturers from time to time. The feedback from the parents is included in various policy decisions.

### 6.13 Development programmes for support staff

Non teaching and Support Staff are the important pillars of the institute. In order to help this staff to exude better performance the following activities are conducted:

- ✓ English Speaking classes
- ✓ No Tobacco Awareness Camp gain

- ✓ (Opportunities to enhance qualification through ITI, Direct Second Year Engineering , or M.Tech, MBA
- ✓ Stage Programmes during Annual Family Gathering
- ✓ Training in Dance, Drama, Music
- ✓ Wellness counselling
- ✓ Induction programme

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

The campus is rated as one of Eco Friendly campuses in the region. In order to make the campus eco friendly, the following efforts are undertaken:

- The concept of Reuse, Recycle is implemented through out all the construction, garden activities.
- Plastic Free Campus
- Participation in AICTE Clean Campus Award
- Tree Plantation
- Eco Friendly Buildings
- Regular Green Audit
- Use of LED Lamps
- Rain Water Harvesting

## **Criterion – VII**

### **7. Innovations and Best Practices**

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

- The Audit courses have been started for the Technical Trainings for employability perspective.
- The training for performing arts in Dance, Drama, and Music is imparted during regular class room sessions. The dedicated slots are allotted for these classes.
- 11 Student Clubs have been started to provide platform for developing life skills, leadership qualities and organizational skills & communication skills. The clubs range from literary club to Drama Club.
- The college is Plastic Free and Tobacco Free. Necessary measures are undertaken to sensitize the students about the same.
- Extensive usage of NPTEL, Virtual Lab to stimulate activity based learning.
- Green Audit of full grown trees of campus in institute during year 2017.
- The only college in the region to participate in the AICTE “Clean Campus Award.”
- The college has been adjudged as Best Institutional Garden Award by The Hitvada & Nagpur Garden Club.
- Preventive Health Check up camps for students and staff.
- The energy Conservation Awareness camp gain .

#### **Rain Water Harvesting:**

- Roof water harvesting is done and collected water is used for gardening purpose.

#### **Hazardous Waste Management:**

- Students are made aware of the hazardous chemicals and safety aspects when they are given instructions before utilizing the chemicals (specially for First Year)

#### **E-waste Management:**

- Electronic waste generated by college is disposed with E-waste managing company.

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

- Expert lectures, Seminars and events conducted for the students to sensitize them on the issues such as Tobacco Menace, Hazards of Plastic, Usage of Chemicals, Save Energy.
- The appointment of Dance, Drama, Music Teachers.
- Felicitation of Merits Students and rewarded with cash prize every year.
- Counselling sessions are available.
- Activity based learning through Students Clubs.
- Usage of NPTEL, Virtual Laboratory for Lifelong Learning.



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

#### **Best practices in Teaching Learning:**

##### **Objectives:**

- Encouragement to the students to participate in Intercollegiate Technical & Cultural Events.
- Continuous feedback mechanism from all the stakeholders.
- Students are supported for various workshops, technical competitions, etc. and students have brought laurels by securing prizes and awards at various competitions held nationally
- Continuous monitoring and performance review.
- Activity based Class Assessment Examination.
- Felicitation of Merits Students every year.
- Book Bank facility for meritorious and needy students.
- Emphasis on Lifelong Learning.
- CEO Series

#### **Best practices in Research & Development:**

- Sponsorship for attending conferences and seminars in the form of registration fees and TA/DA
- Organization of International conference on Appropriate Technologies & Sustainable Development (ICATSD)
- Faculties published articles in the news paper on recent trends in latest technologies and engineering education.
- Establishment of Centre for Research, Innovation & Patents Cell promoting faculty and students for R&D activity.
- Subject expert lectures & workshops on advance technology.

#### **Best Practice NO.1**

##### **Title of the Practice: Teacher Guardian Home Visits:**

##### **Context:**

- Effective & meaningful communications with the parents as prominent Stakeholders.
- Insights into the family background and upbringing of the students.
- Opportunities for two-way communication include: Phone calls.

##### **Effective communication strategies involve:**

- Initiation: On compilation of data and on completion of related procedures, the appointment with the Parents is sought by respective Teacher Guardian.

- Home Visit: On confirmation of appointment, Home Visit is scheduled by concerned Teacher Guardians. Efforts are made to conduct the co-located students in the vicinity.
- Socio-Economic profiling: The TGs visit the parents with pre determined questionnaires which mandates the socio-economic background of the students. Other student specific issues are also mentioned in it.
- Follow up:- On completion of Home Visit, the concerned TG maintains direct contact with the parents from time to time.

**Evidence of Success:**

- Total 1880 visits have been conducted.
- Strong bonds with parents have been established.
- The results and placement of students have improved remarkably. There are 5 toppers in 1<sup>st</sup> Sem B.Tech under Dr. Babasaheb Ambedkar Technological University for the session 2017-18.

**Problems Encountered:**

- Initial resistance from the students about the home visits by Teacher Guardians.
- Far flung locations of the students posed the problem.

**Best Practice NO.2**

**Title of the Practice : Industry Connect of the faculties (Faculty Industry Interaction)**

**Context:**

- To bridge the gap between academia and the industry.
- To provide practical exposure to faculties on the current trends in the industries.
- To collaborate with industrial organizations for working on various problems of mutual interest by entering into MOU's.
- Conduct short seminars/ lectures /MDP at the industry
- Recommend suitable modifications to the curriculum at the engineering institution.
- To identify project domains for the students.

**Evidence of Success:**

- The opportunities for the placement have increased manifold.
- The placement figure has reached 89.58% .
- The placements were spread in all the disciplines.

**Problems Encountered:**

- **Sometimes faculties found it difficult to balance the schedules.**
  - The appointments could not be sought as per the college timelines.

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

**7.4 Contribution to environmental awareness / protection**

- Road shows and Nukkad Nataks to protect environment.
- Use of renewable energy sources- Rain Water Harvesting (Recycling)
- Efforts to create Plastic Free Campus.
- Participation in AICTE Clean Campus Award
- Energy Audit

**7.5 Whether environmental audit was conducted?**      Yes                  No

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

***S:- STRENGTHS***

- The College is accredited by NAAC at ‘A’ grade with CGPA 3.16 during 1<sup>st</sup> cycle of Accreditation.
- Mix of young, dynamic and experienced faculty members.
- Pro active , supportive management
- Expansive campus
- Management from industrial background

***W:-WEAKNESSES***

- Students from mofussil/rural background
- Students are reluctant towards Start Ups.
- Less Consultancy projects.
- Difficulty to attract senior faculty members.
- Financial constraints due to delay in Govt.Scholarships.

***O:-OPPORTUNITIES***

- State of the art infrastructure and learning
- College located in the vicinity of the industrial estates.
- Collaborative research along with students
- Develop more interdisciplinary research/projects
- Maintaining and utilizing better contact to our alumni

***T:- THREATS***

- Rural back-ground students
- Communication barrier -English Language
- Increasing the number of international tie-ups.
- Decreasing inclination towards engineering.
- Fierce completion for admissions

## Annexure: 5

### 5.1 Participated in AICTE Clean Campus Award:



## AICTE Clean Campus Award

- ✓ First time participation in AICTE Clean Campus
- ✓ Amongst top 5 participants in the state of Maharashtra



J D College of Engineering and Management

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## 5.2 The HITVADA Nagpur Garden Club, Best Institutional Garden Award:



### Nagpur Garden Club - Hitvada Award

The gardens of the college have been adjudged Best Institutional Garden since last three years



J D College of Engineering and Management

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## 5.3 Wellness Center:



JAIN EDUCATION SOCIETY'S

### J D College Of Engineering and Management

#### Mentor's Training

**Aim:-** To create a harmonious and friendly environment with the fresher.


**Objective:-**


- \*To train the senior student as peer counselor.
- \*To guide and motivate the fresh students.

**Actual execution:-**The senior students meet the junior students in the fixed slot and make them comfortable in the institution.

**Outcome:-**The fresh student were very comfortable with their senior. A very cordial relationship was developed among them.






JAIN EDUCATION SOCIETY'S


### J D College Of Engineering and Management

#### STUDENT CLUBS

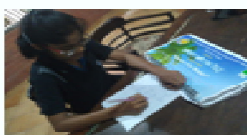
Student Club consist 10 Clubs:




Music club




Dance club




Literary club



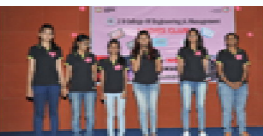
Creative club




Drama club



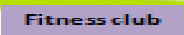
Event club



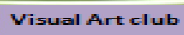
Ladies club



Publicity club



Fitness club



Visual Art club



JAIDIV EDUCATION SOCIETY'S

## J D College Of Engineering and Management

### *Kaushalya*

#### Continuous Extra Curricular for Grooming



#### AIM

Kaushalya aims to impart skill training to present generation youths and make them grow as responsible citizens.

#### OBJECTIVE

- ✓To inculcate the moral social and ethical responsibility among students.
- ✓To foster the sense of belongingness for society.
- ✓To enhance the analytical skill and logical reasoning of students.

#### EXECUTION

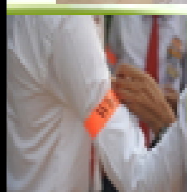
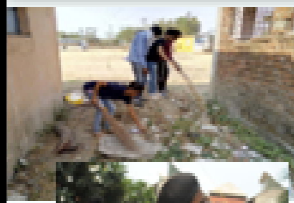
Every month one topic is given to the student with which they are guided through various activities like nukkad natak, talk show ,flash mob etc.

*Month of Safe Driving*

*Month of togetherness and unity.*

*Month of why..*

*And many more...*





## 5.4 NSS Activities:



## 5.5 PMYUVA Activities:



## 5.5 Industry Visits by Faculty:



Handwritten signature of Dr. U.S. Dange in blue ink on a light purple background.

**Dr. U.S.Dange**

*Signature of the Coordinator, IQAC*

Handwritten signature of Dr. S.R. Choudhari in blue ink on a light purple background.

**Dr. S.R.Choudhari**

*Signature of the Chairperson, IQAC*

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