

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

*(For Affiliated/Constituent Colleges)*

Institutions Accredited by NAAC need to submit an Annual self-reviewed progress report i.e. Annual Quality Assurance Report (AQAR) to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the IQAC at the beginning of the Academic year. *The AQAR period would be the Academic Year. (For example, July 1, 2017 to June 30, 2018)*

### **Part – A**

#### **Data of the Institution**

*(data may be captured from IIQA)*

**1. Name of the Institution** DATTA MEGHE COLLEGE OF ENGINEERING

- Name of the Head of the institution : DR. SUDHIR D. SAWARKAR
- Designation: PRINCIPAL
- Does the institution function from own campus: YES
- Phone no./Alternate phone no.: 022 27791662 , 022 27793299
- Mobile no.: 9819768930, 9987035314
- Registered e-mail: principal@dmce.ac.in
- Alternate e-mail : dean@dmce.ac.in
- Address : Plot- 98, Sector-3, Airoli, Navi Mumbai - 400 708
- City/Town : Airoli, Navi Mumbai
- State/UT : Maharashtra
- Pin Code : 400 708

**2. Institutional status:**

- Affiliated / Constituent: Affiliated
- Type of Institution: Co-education/Men/Women Co-Education
- Location : Rural/Semi-urban/Urban: Urban

- Financial Status: Grants-in aid/ UGC 2f and 12 (B)/ Self financing  
(please specify)              Self Financing

- Name of the Affiliating University: University of Mumbai
- Name of the IQAC Co-ordinator : Dr. D.J. Pete
- Phone no. : 022 27791662

Alternate phone no. 022 27793299

- Mobile: 9987035314
- IQAC e-mail address: iqacnaac@dmce.ac.in
- Alternate Email address: principaldmce@yahoo.com

### 3. Website address: www.dmce.ac.in

Web-link of the AQAR: (Previous Academic Year): NA  
For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

### 4. Whether Academic Calendar prepared during the year? Yes

Yes/No....., if yes, whether it is uploaded in the Institutional website: Yes

Weblink: <http://dmce.ac.in/newdmcewebsite/naac/naac.php>

### 5. Accreditation Details:

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1 <sup>st</sup>	B+	2.55	2017	from: 30 <sup>th</sup> Oct 2017 to: 29 <sup>th</sup> Oct 2022
2 <sup>nd</sup>	-	-	-	from: - to: -
3 <sup>rd</sup>	-	-	-	from: - to: -
4 <sup>th</sup>	-	-	-	from: - to: -
5 <sup>th</sup>	-	-	-	from: - to: -

6. Date of Establishment of IQAC: DD/MM/YYYY: 07/07/2015

### 7. Internal Quality Assurance System

7.1 Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & duration	Number of participants/beneficiaries
ILQMC(Institute Level Quality Management Cell) Audit i.e. Institute Level Audit is carried out at the end of every semester specific to each department based on the DLQMC (Department Level Quality Management Cell) Audit I &II. DLQMC Audit-I is carried out in the department in the 9 <sup>th</sup> Week of the Semester and DLQMC Audit-II is carried out in the 14 <sup>th</sup> /15 <sup>th</sup> Week of the semester.		

ILQMC Audit – 2 of Civil Engg Dept.	27/06/2018	Audit Team / Institute & Civil Engg Dept
ILQMC Audit-2 of Chemical Engg Dept.	27/06/2018	Audit Team / Institute & Chemical Engg Dept
ILQMC Audit-2 of Computer Engg Dept.	30/05/2018	Audit Team/ Institute & Computer Engg Dept
ILQMC Audit-2 of IT Dept.	22/06/2018	Audit Team / Institute & IT Dept
ILQMC Audit-2 of Electronics Engg Dept.	22/06/2018	Audit Team / Institute & Electronics Engg Dept
ILQMC Audit-2 of Mechanical Engg Dept.	31/05/2018	Audit Team / Institute & Mechanical Engg Dept
ILQMC Audit-2 of Humanities & Science Dept.	23/04/2018	Audit Team / Institute & H&S Dept
ILQMC Audit-1 of Civil Engg Dept.	25/10/2017	Audit Team / Institute & Civil Engg Dept
ILQMC Audit-1 of Chemical Engg Dept.	25/10/2017	Audit Team / Institute & Chemical Engg Dept
ILQMC Audit-1 of Computer Engg Dept.	27/10/2017	Audit Team / Institute & Computer Engg Dept
ILQMC Audit-1 of IT Dept.	27/10/2017	Audit Team / Institute & IT Dept
ILQMC Audit-1 of Electronics Engg Dept.	04/01/2018	Audit Team / Institute & Electronics Engg Dept
ILQMC Audit-1 of Mechanical Engg Dept.	21/12/2017	Audit Team / Institute & Mechanical Engg Dept
ILQMC Audit-1 of Humanities & Sciences Dept.	13/11/2017	Audit Team / Institute & H&S Dept

**Note: Some Quality Assurance initiatives of the institution are:**

**(Indicative list)**

- Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback from all stakeholders collected, analysed and used for improvements
- Academic Administrative Audit (AAA) conducted and its follow up action
- Participation in NIRF
- ISO Certification
- NBA etc.
- Any other Quality Audit

**8. Provide the list of funds by Central/ State Government-**

UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

**9. Whether composition of IQAC as per latest NAAC guidelines: Yes/No: Yes**

\*upload latest notification of formation of IQAC Annexed at the End of the Report

**10. No. of IQAC meetings held during the year: 2**

The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website Yes/No Yes (11/07/2017, 12/07/2017, 29/06/2018)  
(Please upload, minutes of meetings and action taken report)

**11. Whether IQAC received funding from any of the funding agency to support its activities during the year? Yes                          No            √**

If yes, mention the amount:                          Year:

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

- \* Improved Formats common to all departments for Academic Monitoring
- \* Course Outcomes achieved through multiple interactive ways other than regular Lectures and practicals like Industrial Visits, Internships, Minor Projects, out house real time major projects.
- \* Encouraged the Students & Faculty to access e-resources like MOOCS and NPTEL platforms. As a result apart from students around ten faculties successfully cleared the NPTEL certification of their enrolled Courses

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

Plan of Action	Achievements/Outcomes
<ol style="list-style-type: none"> <li>1. Reform the various formats for Academic Monitoring process.</li> <li>2. Increase the Industry Academia interaction</li> <li>3. Encouragement to access e-Resources (NPTEL, MOOCS, etc)</li> <li>4. National Level Technical Project Competition to be Planned</li> <li>5. Encouraging Students to present Technical Papers</li> </ol>	<ol style="list-style-type: none"> <li>1. New formats introduced for Academic Monitoring. Verified in DLQMC Audit</li> <li>2. IVs and Site Visits are conducted. Internships are facilitated. Real time Projects are undertaken by students. Experts Sessions are arranged. International Conference (ICATE-2018) is hosted.</li> <li>3. Students and faculties have registered and cleared NPTEL certification in varied subjects.</li> <li>4. ELECTROWIZ-2K18 is hosted</li> <li>5. Students have presented and published their papers in various conference proceedings.</li> </ol>

- 14.** Whether the AQAR was placed before statutory body? Yes /No: Yes

Name of the Statutory body: Local Managing Committee (LMC) Date of meeting(s): 26/11/2018

- 15.** Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning?

**Yes/No:** NAAC Date: 6/10/2017 & 7/10/2017

- 16.** Whether institutional data submitted to AISHE: Yes/No: Yes

Year: 2017 Date of Submission: 26/02/2018

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

**Yes**  **No**

If yes, give a brief description and a list of modules currently operational.

(Maximum 500 words)

Institution has indigenously developed a College ERP System which facilitates the complete Admission process, Examination Process, Evaluation and Results Process as on date. Also the accounts section is facilitated with TALLY Software for maintaining its operation.

After the confirmation of Admission by DTE Mumbai, the student data is captured by our ERP system. This facilitates the preparation of Branch-wise Admitted students List for the Academic Year with their detailed information. Hence tracking of student information is made easy through the ERP System. Fee receipt is generated by the Tally Software on receiving the fees by the Accounts section. ERP maintains the complete fee structure of the student considering their caste based scholarship and freeship facilitated by the Government of Maharashtra.

Examination module is also well managed by the ERP System. The Students fill the on-line examination form through the individual student login provided by the ERP. ERP then checks for the validity of the students for the respective exams and generates the Hall tickets of each and every individual eligible students which is made available in the student's specific login.

Similarly the Evaluation module is facilitated by capturing the Internal Assessment (IA), Term Work (TW), Oral(Or) and Practical (Pr) marks awarded to the students by the respective subject in-charges and internal Examiners. Similar provision is made to capture the marks awarded by the evaluator and moderator in the various Theory Subjects Exams taken by the examinee. Based on these captured marks, final results of the students is processed by the ERP System which is also made available to the students Login after the declaration of results.

## **Part-B**

<b>CRITERION I – CURRICULAR ASPECTS</b>							
<b>1.1 Curriculum Planning and Implementation</b>							
1.1.1 Institution has the mechanism for well-planned curriculum delivery and documentation. Explain in 500 words							
<p>The Head of the departments along with the respective department's DLQMC (Department Level Quality Management Cell) members undertakes the subject distribution of the forth-coming semester well in advance in a consultative manner with an aim to facilitate the faculty to plan and prepare the subject ahead of time. The subject in-charge prepares the Academic Plan for the delivery of the subject keeping in mind the Institute's Academic Calendar for the respective semester. He / She plans for the available number of Lectures / Practicals so as to judiciously cover the whole subject in the semester. Every faculty is expected to submit his/her teaching plan to the HOD before commencing of the regular classes for the semester. The department's DLQMC conducts academic audit twice in a semester ( First one in the 9<sup>th</sup> Week and the second one in the 14<sup>th</sup> / 15<sup>th</sup> Week of the on-going semester) so that there is a provision of Checks and Corrections wherever required as perceived from the findings of DLQMC. Thus there is an effective provision for well-planned Curriculum delivery and the DLQMC's Audit facilitates the documentation of the same with necessary checks and balances in place.</p> <p>Further to this, the ILQMC (Institute Level Quality Management Cell) Audit at the end of the semester confirms the checks and balances put in by DLQMC and ensures prior ILQMC Audit findings are taken care of and complied with effectively.</p>							
1.1.2 Certificate/ Diploma Courses introduced during the Academic year							
Name of the Certificate Course	Name of the Diploma Courses	Date of introduction and duration	focus on employability/ entrepreneurship	Skill development			
Hands on Basics of Python	--	09/03/2018 to 10/03/2018	Employability	Software skill Enhancement			
<b>1.2 Academic Flexibility</b>							
1.2.1 New programmes/courses introduced during the Academic year							
Programme with Code	Date of Introduction		Course with Code	Date of Introduction			
Ph. D. (Technology) in Electronics Engineering	14 <sup>th</sup> November 2017		Electronics Engineering	14 <sup>th</sup> November 2017			
1.2.2 Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the Academic year.							
Name of Programmes adopting CBCS	UG	PG	Date of implementation of CBCS / Elective Course System		UG PG		
BE (Electronics Engineering)	Already Adopted		2016		-- --		
BE (Mechanical Engineering)	Already Adopted		2016		-- --		
BE (Chemical Engineering)	Already Adopted		2016		-- --		

BE (Civil Engineering)	<b>Already Adopted</b>		2016	--	--
BE (Computer Engineering)	<b>Already Adopted</b>		2016	--	--
BE (Information Technology)	<b>Already Adopted</b>	-	2016	--	--
ME Civil (Structural Engg.)		<b>Already Adopted</b>	2016	--	--
ME CAD/CAM & Robotics		<b>Already Adopted</b>	2016	--	--
ME Computer Engineering		<b>Already Adopted</b>	2010	--	--
ME Electronics & Telecommunication		<b>Already Adopted</b>	2016	--	--
PhD Computer Engineering		<b>Already Adopted</b>	2013	--	--
PhD Civil Engineering		<b>Already Adopted</b>	2013	--	--
PhD Mechanical Engineering		<b>Already Adopted</b>	2013	--	--
PhD Electronics Engineering		<b>Adopted</b>	2018	--	--
Already adopted (mention the year)					

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

	<b>Certificate</b>	<b>Diploma Courses</b>
No of Students	55	--

### 1.3 Curriculum Enrichment

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

<b>Value added courses</b>	<b>Date of Conduction</b>	<b>Number of students enrolled</b>
1. Virtual Trading Session	11/09/2017	28
2. Great Corporate Ready	14/09/2017	31
3. (Foreign) Study Abroad	18/09/2017	34
4. Planning & Success Tricks to crack ESE & GATE exam	25/09/2017	14
5. Orientation of Soft skill and Program by NASSCOM	12/01/2018	43
6. Aptitude Test Training by QSPIDER Software Testing Centre	16/01/2018	8
7. Digital Marketing Scope & Higher Studies in Management by REGENSYS Institute of	17/01/2018	40

Management		
8. NASSCOM Workshop	22/01/2018	31
9. Embedded Platform for Projects & Project Ideas	01/02/2018	<u>70</u>
10. Campus Placement (Preparatory session) by Eduisfun Technology	27/02/2018	<u>80</u>
11. Hands on Basics of Python	9/03/2018 to 10/03/2018	50 + 06(Staff)
12. Expert Session on Aspects of Project in Electronics Engg	09/03/2018	<u>40</u>
13. Opportunity in Government Job, its process & Registration by Bulund Jobs	12/03/2018	<u>70</u>
14. Aptitude Test Training by First Naukari (Online)	23/03/2018	55
15. Mini Project Competition	03/04/2018	60
16. Experts Session by Mr. Abhay Phansikar, Chairman - IEEE Bombay Section	06/04/2018	<u>40</u>
17. International Conference “ICATE-18”	06/04/2018 to 07/04/2018	<u>256</u>
18. “ELECTROWIZ – 18”, National Level Project Competition	18/04/2018	250
19. Workshop “We can do it v2” on system design using MCS-51 & AVR (Arduino)	15-17 June 2018 (03-days)	39
20. Emerging Trend on Mechanical Design -Seminar conducted by CADD centre	27/7/2017	98
21. 3-D Printing	16/09/17	63
22. Electro-pneumatic and Electro Hydraulic Circuit for Industrial Automation	31/01/2018	100
23. Industrial Visit (TE), Dahanu Thermal Power Station, Dahanu, MH	09/03/2018	110
24. Industrial Visit (BE), Avani Enterprises, Dombivali East.	16/03/2018	54
25. Industrial Visit (BE), Mungi Engineers Pvt Ltd, Pune.	16/03/2018	65
26. Expert Lecture on Scope in Chemical Engineering	15/09/2017	60
27. Expert Session on Future of	28/10/17	30

Chemical Engineering		
28. One Day workshop on COCO simulator	17/04/18	40
29. Expert Session on Overview of Process Engineering	21/04/18	32
30. Introduction to Placement Process	19/07/2017	120
31. SOFTSKILL PROGRAMME	29/07/2017	45
32. Opportunities in Civil Engineering	14/08/17	83
33. STOCK MIND	11/09/2017	35
34. Resume/Ethics/Body language/How to conduct youself/Importance of GD,PI	14/09/2017	30
35. Foreign Study	18/09/2017	110
36. Site visit of Final year Civil (Sem VIII) students to Under construction NHES School Project for subject Construction Engineering.	23/02/2018	210
37. Site visit of Final year Civil (Sem VIII) students to Under construction NHES School Project for subject Construction Engineering.	23/02/2018	210
38. Site visit of Third year Civil (Sem VI) students to Under construction NHES School Project for subject Geotechnical Engineering II.	19/03/2018	210
39. Site visit of Third year Civil (Sem VI) students to Under construction NHES School Project for subject Theory of Reinforced and Prestressed Concrete.	19/03/2018	<u>210</u>
40. Site visit of Second year Civil (Sem IV) students to Under construction NHES School Project for subject Building Materials and Construction Technology.	20/03/2018	<u>210</u>

41. Technical visit of Final year Civil (Sem. VIII) students to TTC waste Management Site	22/03/2018	70
42. Three Days Industrial Visit of Third year and Final year Student to Dahanu Thermal Power Plant.	24/03/2018 to 26/03/2018	<u>70</u>
43. Site visit of First year ME Civil (Sem II) students to Jawaharlal Nehru Port, Raigad for subject Lab II.	27/04/2018	<u>22</u>
44. Technical visit of Final year Civil (Sem. VIII) students to CET waste Management Site	22/03/2018	<u>70</u>
45. TCS-AIP Corporate Communication Seminar	3/8/2017	107
46. Employability Enhancement	4/8/2017	69
47. Career opportunity in Java	4/8/2017	31
48. Career opportunity in Oracle	4/8/2017	114
49. IIT Techfest workshop on Robotics	7/9/2017	110
50. Seminar on Foreign studies	18/9/2017	54
51. Seminar on Government entrance Exam	22/9/2017	150
52. Ethical Hacking Workshop	23/9/2017	54
53. Seminar for Carrier Guidance	11/1/2018	114
54. Hands on Android Workshop	20/01/2018	23
55. Hands on Android Workshop	27/01/2018	24
56. Hands on Android Workshop	26/03/2018	26
57. Workshop – Basics of Python	02/07/2018 to 04/07/2018	46
58. Guest lecture - Upcoming Business Analytics	30/01/2018	150
59. Talk- Awareness on Industry requirement	10/01/2018	25
60. Technical quiz: TECHATHON	01/08/2018	48
61. Aptitude Counselling	Even Sem 2018	<u>38</u>
62. Orientation of Softskill and Program	12/01/2018	<u>51</u>
63. Digital Marketing Scope & Higher Studies in Management	17/01/2018	60

64. NASSCOM Workshop	22/01/2018	42
65. Mini Hackathon	15/01/2018	<u>25</u>
66. Guidelines to crack Aptitude Test by an Alumni	19/09/2017	<u>200</u>
67. Talk on Robotics by Mukesh	07/09/2017	<u>200</u>
68. Aptitude by First Naukri	20/03/2018	<u>32</u>
69. Student Counselling Session	08/08/2017 to 22/08/2017	<u>All FE Students</u>
70. GATE Revision Logic	February 2018	<u>Third Year Students</u>
71. Soft Skills	18/12/2017 to 04/01/2018	<u>Third Year Students</u>

### 1.3.2 Field Projects / Internships undertaken during the year

Project/Programme Title	No. of students enrolled for Field Projects / Internships (244 Students)
1. Indian Railways	37
2. Reliance Jio Infocom	23
3. SIEMENS Pvt Ltd	13
4. Bhabha Atomic Research Centre	05
5. Escon Elevators	04
6. Mumbai Metro Rail Corporation Ltd.	03
7. Santacruz Electronics Export Processing Zone	02
8. SCR Electronics, Dombivli	02
9. Ashida Electronics Pvt. Ltd	02
10. Heurtey Petrochem Mumbai	02
11. Maharashtra State Electricity Transmission Company	01
12. Port Trust Mumbai	01
13. REIN LABS	01
14. Wipro	01
15. Air India	01
16. C. N. Waters	1
17. Air India	2
18. Scofe Labs Pvt Ltd	1
19. JNPT	4
20. Kilburn Engineering Ltd	1
21. Central railway Workshop	1
22. Indian Rubber Manufacturers and Research Association Thane	02
23. RCF Thal, Dist.Raigad	01
24. RCF Chembur Mumbai	09
25. BARC Mumbai	04
26. Indoamines Ltd Dombivali	02
27. Phaex Polymer Pvt Ltd. Murbad, Thane	02
28. IIT Bombay	03
29. Raptakos Brett Co. Ltd Thane	01
30. CRODA India Company Pvt Ltd Koparkhairne Navi Mumbai	01
31. Aarti industries Ltd. Tarapur Thane	01
32. Zydus Takeda Healthcare Pvt. Ltd.Navi	01

Mumbai	
33. Hindustan Coca- Cola Beaversages Pvt. Ltd. Wada	02
34. ICT Matunga Mumbai	02
35. Deepak Nitrate Ltd, Taloja	02
36. Nocil Ltd, Turbhe	04
37. Gharda Chemical, Dombivali, Thane	07
38. Century Rayon Kalyan ,Thane	04
39. Cipla Ltd Khalapur, Raigad	04
40. RPG Life Sciences, MIDC, Thane	01
41. Melog Speciality Chemicals, Ambernath MIDC, Thane	01
42. HPCL, Mumbai	01
43. BPCL Mumbai	02
44. Godrej Industries Ltd. Ambernath. Thane	03
45. Koradi Thermal Power Station Nagpur	02
46. Clear Water Research and Infra Pvt. Ltd. Bhiwandi Dist.Thane	02
	4
47. Allied Sales & Services	1
48. Bharat Petroleum Corporation Ltd	2
49. China Railway Tunnel Group Co., Ltd.	10
50. CIDCO	2
51. Dua Construction, Ambarnath	3
52. Eknath Infrastructure Llp	1
53. Heritage Lifestyles And Developers	1
54. Hindustan Construction Company Ltd	1
55. IIT Mumbai	2
56. Ingenium Consulting Engg	4
57. JSW Steel Ltd.,	2
58. Juhi Developers	2
59. K Raheja Corporation	1
60. L & T Construction, Mumbai	3
61. L & T Infrastructure	2
62. Monarch Surveyors And Engg	

63. Mumbai Metro Rail Corporation Ltd	8
64. Runwal Group	3
65. Sai Kanishk Builders And Developers	2
66. Scon Infrastructure, Thane	2
67. Vsoft Solutions	01
68. Sankey Business Solutions Pvt Ltd.	02
69. Alepo Technologies Pvt Ltd.	01
70. Technotronics Global Security Solutions Pvt Ltd.	02
71. Anginn Technologies	01
72. NEASAA Solutions	02
73. Reliance Infrastructure Ltd.	01
74. Indo Gulf Fertilizers (UP)	01
75. Air India Mumbai	01
76. Mastek Deepblue	04

#### **1.4 Feedback System**

1.4.1 Whether structured feedback received from all the stakeholders.

1) Students	2) Teachers	3) Employers	4) Alumni	5) Parents
Yes	Yes	Yes	Yes	No

#### **Student Enrolment and Profile**

##### **2.1. 1 Demand Ratio during the year**

Name of the Programme	Number of seats available	Number of applications received	Students Enrolled
Civil Engg. (First Year-FE)	120	CAP Admission done by DTE, Mumbai	99
Electronics Engg. (FE)	120	CAP Admission done by DTE, Mumbai	82
Computer Engg. (FE)	120	CAP Admission done by DTE, Mumbai	106
Mechanical Engg. (FE)	60	CAP Admission done by DTE, Mumbai	49
Mechanical Engg. (Direct Second Year – DSE)	60	CAP Admission done by DTE, Mumbai	63
Chemical Engg. (FE)	60	CAP Admission done by DTE, Mumbai	42
Information Tech. (FE)	60	CAP Admission done by DTE, Mumbai	49
Information Tech. (DSE)	60	CAP Admission done by DTE, Mumbai	52
Civil (Second Shift-FE)	60	CAP Admission done by DTE, Mumbai	62
Total	720	CAP Admission done	463

				by DTE, Mumbai	
<b>2.2 Catering to Student Diversity</b>					
2.2.1. Student - Full time teacher ratio (A.Y. 2017-18)					
Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of full time teachers available in the institution teaching only UG courses	Number of full time teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2017-18	2839	50	184	12	184
<b>2.3 Teaching - Learning Process</b>					
2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)					
Number of teachers on roll	Number of teachers using ICT (LMS, e-Resources)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
184	159	LCD Projectors, Collar Mike, Video Lectures, Smart Classroom, Laptops, Internet Facility, E-Books, Internet Access	31	9	NPTEL, MOOCS, MIT Open Courseware
2.3.2 Students mentoring system available in the institution? Give details. (maximum 500 words)					
<p>Teacher Guardian is a scheme of one to one interaction with students. For a batch of about twenty students, a teacher is assigned the role of Teacher-Guardian and he is guide for these students. Teacher Guardian keeps the record of every student's activities and records attendance, test results, internal assessment, prelim examination results and other related information of students in teacher guardian file provided by teacher guardian Incharge. He gives academic feedback to the parents/guardians regularly. He/she also counsels the students to solve difficulties encountered not only in college campus but in their personal lives too. Teacher guardian acts as a mentor to students and offers them emotional and academic support along with motivation. Further to this the Mentors also facilitate to reduce the gap between the Industry requirement and the young aspiring Engineers by encouraging them to undergo Industry Internship, attend seminars and workshops and other real time trainings which will make him or her Industry ready. This Teacher-Guardian scheme is the only medium where the students are free to contact the counselling service with a wide range of worries, including personal, home and family relationships, depression, and loneliness.</p> <p>Teacher Guardian Scheme is summarized as follows</p> <ol style="list-style-type: none"> <li>1. Teacher Guardian scheme established relation between teachers, student and parents.</li> <li>2. Monitoring attendance and behavioural aspects of every student.</li> <li>3. Identifying weak areas and working out remedies by helping students</li> <li>4. Teacher Guardian maintains all records of students in formats approved by relevant authority.</li> <li>5. Teacher guardian Incharge does all the follow up regarding attendance and academic performance of the student.</li> <li>6. Teacher guardian sends letters or mails related to performance and attendance to parents after every 4 weeks and if required teacher guardian calls the parents on phone or meets the parents in person.</li> </ol> <p>Students with psychological distress or who finds difficult to cope up with their parents or academic or study related problems or have some difficulty in understanding their abilities can seek the appointment from Professional Counsellor who is also available in the premises full time.</p>					

Monitoring of Teacher Guardian files is taken up by Head of the Department in end of the semester.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor: Mentee Ratio
<b>2889</b>	<b>184</b>	<b>1:15</b>

## 2.4 Teacher Profile and Quality

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

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
<b>197</b>	<b>184</b>	<b>13</b>	<b>68</b>	<b>19</b>

### 2.4.2 Honours and recognitions received by teachers

(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )

Year of award/ Recognition	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
1999	<i>Dr. S. D. Sawarkar</i>	<i>Principal</i>	<i>Member, The Institution of Engineers(India)</i>
2003	<i>Prof. Johnson Mathew</i>	<i>Asst. Professor, Dept. of Computer Engg., DMCE</i>	<i>Member, The Institution of Engineers(India)</i>
2018	<i>Dr. D.J. Pete</i>	<i>Professor &amp; Head, Department of Electronics Engg, DMCE</i>	<i>Elected (unopposed) Member, Board of Studies, Electronics Engineering, University of Mumbai</i>
2018	<i>Mr. S.R. Jajoo</i>	<i>Asst. Professor, Department of Electronics Engg, DMCE</i>	<i>National Executive Council Member, ISTE New Delhi</i>
2017	<i>Mr. R. T. Patle</i>	<i>Asst. Professor, Department of Mechanical Engg, DMCE</i>	<i>Member , IIIE Navi Mumbai Chapter</i>
2017	<i>Mr. H. A. Dhandha</i>	<i>Asst. Professor, Department of Mechanical Engg, DMCE</i>	<i>Member , IIIE Navi Mumbai Chapter</i>
2018	<i>Dr.Mrs.K.S.Deshmukh</i>	<i>Professor &amp; Head, Department of Chemical Engg, DMCE</i>	<i>Chairman, Board of Studies, Chemical Engineering, University of Mumbai</i>
2018	<i>Dr.Mrs.K.S.Deshmukh</i>	<i>Professor &amp; Head, Department of Chemical Engg, DMCE</i>	<i>Member, Organizing Committee World Water Day at Pillai College of Engineering, Panvel</i>
2017	<i>Dr. H.S. Chore</i>	<i>Professor, Department of Civil Engineering, DMCE</i>	<i>Result Moderation Committee, Technology College Exam, University of Mumbai</i>
2018	<i>Dr.(Mrs.) S.B. Patil</i>	<i>Assoc.Professor, Department of Civil Engineering, DMCE</i>	<i>Member, Board of Studies, Civil Engineering, University of Mumbai.</i>
2017	<i>Mr. P.A. Dode</i>	<i>Asst. Professor, Department of Civil Engineering, DMCE</i>	<i>Result Moderation Committee, Technology College Exam, University of Mumbai.</i>

<b>2.5 Evaluation Process and Reforms</b>				
2.5.1 Number of days from the date of semester-end/ year- end examination till the declaration of results during the year: Approx 60 days				
<b>Programme Name</b>	<b>Programme Code</b>	<b>Semester/ year</b>	<b>Last date of the last semester-end/ year- end examination</b>	<b>Date of declaration of results of semester-end/ year- end examination</b>
<b>First Year</b>	<b>All Programmes</b>	<b>II/FH/2018</b>	<b>27/04/2018</b>	<b>19/07/2018</b>
BE (Electronics Engg.)	EX/ELX	II/ FH-2018	27/04/2018	19/07/2018
		IV/ FH-2018	08/06/2018	18/06/2018
		VI/ FH-2018	11/06/2018	15/06/2018
		VIII/ FH-2018	25/05/2018	26/07/2018
BE (Mechanical Engg.)	MECH	II/ FH-2018	27/04/2018	19/07/2018
		IV/ FH-2018	08/06/2018	11/09/2018
		VI/ FH-2018	11/06/2018	10/09/2018
		VIII/ FH-2018	25/05/2018	26/07/2018
B.E. (Chemical Engg)	CH	II/FH-2018	02/06/2018	11/07/2018
		IV/FH-2018	02/06/2018	11/07/2018
		VI/FH-2018	02/06/2018	11/07/2018
		VIII/FH-2018	02/06/2018	11/07/2018
BE (Civil Engg.)	CI	II/FH-2018	02/06/2018	11/07/2018
		IV/FH-2018	May 2018	June 2018
		VI/FH-2018	May 2018	June 2018
		VIII/FH-2018	May 2018	August 2018
BE (ComputerC Engg.)	CPC/ CSC	II/FH-2018	April 2018	August 2018
		IV/FH-2018	April 2018	August 2018
		VI/FH-2018	April 2018	August 2018
		VIII/FH-2018	April 2018	August 2018
BE ( Information Technology)	IT	II/FH-2018	April 2018	August 2018
		IV/FH-2018	April 2018	August 2018
		VI/FH-2018	April 2018	August 2018
		VIII/FH-2018	April 2018	August 2018

## **2.6 Student Performance and Learning Outcomes**

2.6.1 Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution:

**(Available at <http://dmce.ac.in/newdmcewebsite/naac/naac.php>)**

2.6.2 Pass percentage of students

Programme Code	Programme name	Number of students appeared in the final year examination	Number of students passed in final semester/year examination	Pass Percentage
EX/ELX	Bachelor of Engineering (Electronics Engg.)	VII-SH-2017: 106	93	88%
		VIII-FH-2018: 107	104	98%
MECH	BE (Mechanical Engg.)	VII-SH-2017: 137	120	87.59%
		VIII-FH-2018: 137	127	92.70%
CH	Bachelor of Engineering (Chemical Engineering)	VIII-FH-2018: 72	71	98.62%
CI	Bachelor of Engineering. (Civil)	VIII-FH-2018: 226	209	92.48%
CPC/ CSC	Bachelor of Engineering ( Computer Engineering)	VIII-FH-2018: 147	140	95.24
IT	Bachelor of Engineering (Information Tech.)	VIII-FH-2018: 124	115	92.74

### 3.1 Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding Agency	Total grant Sanctioned	Amount received during the Academic year
Major projects	-	-	-	-
Minor Projects	-	-	-	-
Interdisciplinary Projects	-	-	-	-
Industry sponsored Projects	-	-	-	-
Projects sponsored by the University/ College	1 Year	DMCE, Airoli	61990/-	61990/-
Students Research Projects ( <i>other than compulsory by the College</i> )	-	-	-	-
International Projects	-	-	-	-
Any other(Specify): Minor Research Grant	1 Year	University of Mumbai	60000/-	42000/-
Total			Rs. 1,21,990/-	Rs. 1,43,990/-

### 3.2 Innovation Ecosystem

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

Title of Workshop/Seminar	Name of the Dept.	Date(s)
1. Future of Chemical Engineering	Chemical Engineering Department, DMCE	28/10/2017
2. COCO simulator	Chemical Engineering Department, DMCE	17/04/2018
3. Overview of Process Engineering	Chemical Engineering Department, DMCE	21/04/2018
4. Scope in Chemical Engineering	Chemical Engineering	15/09/2017

	Department, DMCE	
5. AICTE-ISTE Approved A one week (Self Financed) short Term Training Programme on ‘Recent Innovations In Civil Engineering’	Department of Civil Engineering, DMCE	December 18-23, 2017
6. Two week short term training program on “Application of STAAD.Pro in Civil Engineering” for students and faculties	Department of Civil Engineering DMCE	March 10-25, 2018
7. Two week short term Training program on “Soft Computing in Structural Engg. Using STAAD.Pro.” for third year civil engg. Students	Department of Civil Engineering DMCE	March 19-April 06,2018

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

<b>Title of the innovation</b>	<b>Name of the Awardee</b>	<b>Awarding Agency</b>	<b>Date of Award</b>	<b>Category (State/National/Int.Nat)</b>
Nil	-NA-	-NA-	-NA-	-NA-

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

<b>Incubation Centre</b>	<b>Name</b>	<b>Sponsored by</b>
Nil	-NA-	-NA-
<b>Name of the Start-up</b>	<b>Nature of Start-up</b>	<b>Date of commencement</b>
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## 3.3 Research Publications and Awards

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

<b>State</b>	<b>National</b>	<b>International</b>
<b>1-Increment</b>	<b>2-Increments</b>	<b>3-Increments</b>

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

<b>Name of the Department</b>	<b>No. of Ph. Ds Awarded</b>
Civil Engineering	01

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

Note: Please ensure that the Journals are minimum UGC Recognised and higher reputed standards in the Year 17-18

	<b>Department</b>	<b>No. of Publication</b>	<b>Average Impact Factor, if any</b>
National	-	-	-
Internationa l	Electronics Engineering	01	<b>6.177</b>
	Civil Engineering	16	<b>1.3</b>
	Chemical Engineering	16	--
	Computer Engg	08	--
	Information Tech.	02	--

	Mechanical Engineering	Journal – 07 Conference – 07	9.77							
3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings during the year										
Department	No. of publication									
Electronics Engineering	Books Edited: 0 Books Published: 0 Chapters Edited: 0 National Conference Papers: 00 International Conference Papers: 39									
Mechanical Engineering	Books Edited: 1 Books Published: 1 Chapters Edited: 0 National Conference Papers: 0 International Conference Papers: 7									
Chemical Engineering	Books Edited:0 Books Published:4 Chapters Edited:0 National Conference Papers:0 International Conference Papers:03									
Civil Engineering	Books Edited:01 Books Published:0 Chapters Edited:0 National Conference Papers:02 International Conference Papers:15									
Computer Engineering	Books Edited:0 Books Published:0 Chapters Edited:0 National Conference Papers:0 International Conference Papers:19									
Information Technology	Books Edited:0 Books Published:0 Chapters Edited:0 National Conference Papers:0 International Conference Papers:12									
3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index										
Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations				
1. On stiction mechanism of bulk micro-machined micro-mechanical structures	A.S.Kurhekar ,	AIP Conference Proceedings	2018	--	Datta Meghe College of Engineering, Navi Mumbai,	--				

					India	
2. Thermal annealing improves electrical properties of hetero-junction diode	A.S.Kurhekare	AIP Conference Proceedings	2018	--	Datta Meghe College of Engineering, Navi Mumbai, India	--
3. Novel spatially correlated clustering using compressive sensing for wireless sensor Network	Utkarsha Pacharaney & Rajiv Kumar Gupta	Journal of Computational and Theoretical Nanoscience Asp	Under publication (Tentative-2019)	-	Datta Meghe College of Engineering Airoli	-
4. Base Pressure Control by Supersonic Micro Jets in a Suddenly Expanded Nozzle	Dr. Vilas B. Shinde	IJENS	2018	-	DMCE, Airoli.	-
5. Investigation of Base Flow for an axisymmetric Suddenly Expanded Nozzle with Micro Jet	Dr. Vilas B. Shinde	IJET	2018	-	DMCE, Airoli.	-
6. Solvent free lipase catalized synthesis of butyl caprylate	Meera T.Sose, Sneha R. Bansode, Virendra Rathod	J.Chem.Sci. Vol.129, No.11,pp.175 5-1760	2017	-	Department of Chemical Engg., Institute of Chemical Technology, Matunga(E), Mumbai	
7. Evaluation of Extension in Service Life and Layer Thickness Reduction of Stabilized Flexible Pavement	Prof. P. Nagrale and A. Patil*	Advances in Computational Design (Techno Press)	2018	-	SPCE, Mumbai	-
8. Model Studies on Encased Fly Ash Column-Geocell Composite Systems in Soft Clay	Dutta, S. and Mandal, J. N.	Journal of Hazardous, Toxic, and Radioactive Waste	2017	-	IIT Bombay	02 (Google Scholar)
9. Experimental Studies on Rheological Behaviour of Smart Dynamic Concrete	S.D. Bauchkar and H. S. Chore*	Advances in Concrete Construction: An International Journal (Techno-Press)	2017	-	*Datta Meghe College of Engineering, Airoli, Navi Mumbai	-
10. Prediction of	H.S.Chore*	Advances in	2017	-	*Datta	-

	Unconfined Compressive and Brazilian Tensile Strength of Fiber Reinforced Cement Stabilized Fly ash Mixes using Multiple Linear Regression and Artificial Neural Network	and R.B. Magar	Computational design: An International Journal (Techno Press)			Meghe College of Engineering, Airoli, Navi Mumbai	
11.	Rheological Properties of Smart Dynamic Concrete (SDC) containing different supplementary Cementitious Materials	S.D. Bauchkar, H.S. Chore* and S.K. Mukherjee	Journal of Structural Engineering (JoSE)	2017	-	*Datta Meghe College of Engineering, Airoli, Navi Mumbai	
12.	Efficiency Factor of Supplementary Cementitious Materials: A State of the Art	A.N. Khan, R.B. Magar and H. S. Chore*	International Journal of Optimization in Civil Engineering (Iran University of Science and Technology)	2018	-	*Datta Meghe College of Engineering, Airoli, Navi Mumbai	
13.	P-Delta Analysis of RCC Framed High Rise Building equipped with Shear wall and Damper: An Overview of Experimental and Numerical Study	Tejas Jain and S. B. Patil*	International Journal of Engineering, Technology, Science and Research (IJETSR)	2018	-	*Datta Meghe College of Engineering, Airoli, Navi Mumbai	
14.	Performance Based Placement of Visco-Elastic Dampers in an R.C.C. Building	Shedbale, N. and Muley, P. V.* and Barbude, P. R.*	International Journal of Engineering Development and Research (IJEDR)	2017	-	*Datta Meghe College of Engineering, Airoli, Navi Mumbai	04 (Google Scholar)
15.	Moment curvature relationship for structural elements of RC Building using Matlab	Momin, M. F., Barbude, P. R.*; Bhagat, K. and Muley, P. V.*	The Institute for Research and Development India (IRD India)	2017	-	*Datta Meghe College of Engineering, Airoli, Navi Mumbai	0 (Google Scholar)
16.	Review on Viscoelastic Materials used in Viscoelastic Dampers	Shedbale, N. and Muley, P. V.*	International Research Journal of Engineering and Technology	2017	-	*Datta Meghe College of Engineering, Airoli, Navi Mumbai	0 (Google Scholar)

		(IRJET)				
17. Vibration Control of Framed Structures Using Tune Mass Damper	S Chalke and P.V. Muley*	International Journal of Engineering Development and Research	2017	-	*Datta Meghe College of Engineering, Airoli, Navi Mumbai	02 (Google Scholar)
18. Analysis of Blast Resistant RCC Structure	P.V. Muley* and S. N. Kazi	International Research Journal of Engineering and Technology	2017	-	*Datta Meghe College of Engineering, Airoli, Navi Mumbai	0 (Google Scholar)
19. Seismic Response Control of a Building Using Metallic Dampers	P.V. Muley* and S. Hirgude	International Journal of Civil and Structural Engineering Research	2017	-	*Datta Meghe College of Engineering, Airoli, Navi Mumbai	0 (Google Scholar)
20. Economical Optimization of an R.C.C. Building after Installation of Metallic Dampers	Hirugade, S. B., Shedbale, N. B. and Muley, P. V.*	International Journal of Engineering Technology Science and Research (IJETSR)	2017	-	*Datta Meghe College of Engineering, Airoli, Navi Mumbai	0 (Google Scholar)
21. Infrastructure Development Proposals for Smart Cities in India	Kolisetty, R. K.* and Deshmukh, P.D.*	International Journal of Innovative Research in Science, Engineering and Technology	2017	-	*Datta Meghe College of Engineering, Airoli, Navi Mumbai	-
22. A Model for Various Automated Construction Materials Tracking and Materials Management	KalyaniGir me	International Journal on Recent and Innovation Trends in Computing and Communication	2017	-	RMD Sinhgad School of Engineering, Warje, Pune	-
3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)						
Title of the paper	Name of the author	Title of the journal	Year of publication	h-index	Number of citations excluding self	Institutional affiliation as mentioned in the publication

				citations	
-	-	-	-	-	-

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

No. of Faculty	International level	National level	State level	Local level
Attended Seminars/ Workshops	5	--	32	12
Presented papers	31	01	--	--
Resource Persons	--	00	--	03

### 3.4 Extension Activities

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

Title of the Activities	Organising unit/ agency/ collaborating agency	Number of teachers <b>co-ordinated</b> such activities	Number of students participated in such activities
Blood Donation	DMCE	<b>05</b>	<b>120</b>
Clean Mangroves Campaign	DMCE & Mangrove Foundation, Maharashtra Forest Department	<b>15</b>	<b>261</b>
Swachh Bharat	DMCE	<b>03</b>	<b>40</b>

\*\* Inaugurated Launching of e-magazine “TECHBUZZ” on 1<sup>st</sup> February 2018 on the occasion of IETE Students Day

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

Name of the Activity	Award/recognition	Awarding bodies	No. Of Students benefited
Clean Mangroves Campaign	Certification	Mangrove Foundation, Maharashtra Forest Department	261
Swachh Bharat	<b>Nil</b>	<b>NA</b>	<b>40</b>

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

Name of the scheme	Organising unit/ agency/ collaborating agency	Name of the activity	Number of teachers <b>coordinate d</b> such activities	Number of students participated in such activities
Health & Hygiene	College Women Development Cell & NGO	Seminar on Health & Hygiene	4	45
Self Defence Workshop for Girls	College Women Development Cell & Women's Grievance Cell	Workshop(experts taught students how to save)	65	250
Union Mahila Suraksha Policy	College Women Development Cell & Union Bank	Seminar	02	65 Ladies Staff Members
Institute Social	DMCE	Swachh Bharat	03	40

<b>Responsibility</b>				
Institute Social Responsibility	DMCE & Mangrove Foundation, Maharashtra Forest Department	Clean Mangroves Campaign	15	261

### **3.5 Collaborations**

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

Nature of Activity	Participant	Source of financial support	Duration
Nil	<b>NA</b>	NA	<b>NA</b>

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

<b>Nature of linkage</b>	<b>Title of the linkage</b>	<b>Name of the partnering institution/ industry /research lab with contact details</b>	<b>Duration (From-To)</b>	<b>Participant (155 Interns &amp; 4 on Projects)</b>
Internship	Internship	Shareen Auto Satpur MIDC Nasik	7/6/2018-6/7/2018	1 student
Internship	Internship	Diesel loco shade CR Kalyan	6/7/2018-4/8/2018	9 student's
Internship	Internship	RCF LTD Chembur Mumbai	23/6/2018-8/7/2018	3 student's
Internship	Internship	Hindustan Cocacola Brvg Ind. Pvt. Ltd Kudus, Thane	23/6/2018-8/7/2018	2 student's
Internship	Internship	Auto Hanger Mercedes Benze	18/6/2018-8/7/2018	1 student
Internship	Internship	Semence Pvt. Ltd Kalva Works	18/6/2018-8/7/2018	1 student
Internship	Internship	L&T Pvt. Ltd Pavai Mumbai	18/6/2018-8/7/2018	2 student's
Internship	Internship	Supreem Petro Chemicals, Nagothane, Raigad	13/6/2018-7/7/2018	1 student
Internship	Internship	Jagrut Moters Pvt. Ltd. Ratnagiri	13/6/2018-7/7/2018	1 student
Internship	Internship	Blue Star Ind. Dadara Nagar Haveli	15/6/2018-7/7/2018	1 student
Internship	Internship	Godrej & Boyce , Vikroli Mumbai	18/6/2018-7/7/2018	1 student
Internship	Internship	RCF Alibag	18/6/2018-7/7/2018	1 student
Internship	Internship	Mahindra & Mahindra, Kandivali	18/6/2018-7/7/2018	1 student
Internship	Internship	HYDAC Pvt. Ltd. Bhivandi	11/6/2018-7/7/2018	1 student
Internship	Internship	Sward Tools & Dies	6/6/2018-7/7/2018	1 student

		Amabad MIDC Nasik		
Internship	Internship	Sanpada Railway Carshed New Mumbai	6/6/2018-7/7/2018	11 student's
Internship	Internship	Bharat Gears Ltd. Mumbra, Thane	6/6/2018-7/7/2018	3 student's
Internship	Internship	Century Rayon Shahad	6/6/2018-7/7/2018	3 student's
Internship	Internship	Central Railway loco workshop, Mumbai	6/6/2018-7/7/2018	18 student's
Internship	Internship	HPCL chembur	6/5/2018-7/7/2018	2 student
Internship	Internship	Vanajngg Devrukh, Ratnagiri	6/6/2018-7/7/2018	1 student
Internship	Internship	L&T Hydrocarbon	15/12/2017- 7/1/2018	1 student
Internship	Internship	Central Workshop Matunga	1/1/2018-15/1/2018	4 student's
Internship	Internship	Adler Medi Equip Pvt. Ltd Devrukh, Ratnagiri	15/12/2017- 7/1/2018	1 student
Internship	Internship	Godrej & Boyce , Vikroli Mumbai	15/12/2017- 7/1/2018	2 student's
Internship	Internship	Central Railway loco workshop, Mumbai	15/12/2017- 10/1/2018	1 student
Internship	Internship	RCF Chembur	1/1/2018-15/1/2018	5 student's
Internship	Internship	Diesel loco shade CR Kalyan	15/12/2017- 7/1/2018	1 student
Internship	Inplant Training After Graduation	HR Manager, Indian Rubber Manufacturers and Research Association Thane	6 months starting from June 2017	2 students
Project Work	Project Work	Mr. Ramteke, DM, RCF Thal	1 year 2017-18	3 students
Internship	In plant Training in Steam Generation Plant and water Treatment Plant	Mr. Ramteke, DM, RCF Thal	20 <sup>th</sup> June to 5 <sup>th</sup> July 2017	1 student
Internship	In plant Training in SUPHALA	Mr. Hanumant Kadam, Chief Manager, HRD, RCF, Chembur	1 <sup>st</sup> July to 15 <sup>th</sup> July 2017	4students
Internship	Training	S Suresh, Scientific Officer, Chemical Technology Division,	23 <sup>rd</sup> June to 21 <sup>ST</sup> July 2017	2 students

		BARC, Trombay		
Project Work	Selection Of Unit Operation and Design of Process Equipment for Recovery of Moist HF from gaseous mixture	Chandrajit Yadav Technnical Officer, Chemical Technology Division, BARC, Trombay	26 <sup>th</sup> June to 31 <sup>st</sup> July 2917	1 student
Internship	Industrial Training	Indoamines Ltd Dombivali	2 weeks of July 2017	2 students
Internship	Industrial Training	HR Manger, Phaex Polymer Pvt Ltd. Murbad, Thane	15 <sup>th</sup> Dec to 30 <sup>th</sup> Dec 2017	1 student
Internship	Jaggery Research Plant	IIT Bombay	One month in Dec 2017	1 student
Internship	Training	HR Manager Raptakos Brett Co. Ltd Thane	16 <sup>th</sup> Dec 2017 to 5 <sup>th</sup> Jan 2018	1 Student
Internship	Review of Pressure Relief Systems	CRODA India Company Pvt Ltd Koparkhairne	18 <sup>th</sup> Dec to 30 <sup>th</sup> Dec 2017	1 student
Internship	Industrial Training Programme	Mr. R.B. Thorve, DGM-HR and ADMN, Aarti industries Ltd. Tarapur	1 <sup>st</sup> Jan to 12 <sup>th</sup> Jan 2018	1 student
Internship	Inplant Training After Graduation	HR Manager, Indian Rubber Manufacturers and Research Association Thane	19 <sup>th</sup> Dec 2017 to 8 <sup>th</sup> Jan 2018	2 students
Internship	Industrial Training	Mr. Sunil Desai, Head- Human Resources, Zydus Takeda Healthcare Pvt. Ltd.	20 <sup>th</sup> to 29 <sup>th</sup> Dec 2017	1 student
Internship	Short Project- FBCR SETUP IN Adol Condensation	Prof S.M. Mahajani, Chemical Engineering Department IIT Bombay	11 <sup>th</sup> June to 11 <sup>th</sup> July 2018	2 students
Internship	Industrial Training-Quality Assurance	Mr. Ranjan Khirde, Team Leader HR, Hindustan Coca- Cola Beverages Pvt. Ltd.	12 <sup>th</sup> June to 11 <sup>th</sup> July 2018	1 student

	(ETP, WTP), Production Department	Wada		
Internship	Summer Training	Prof V.K.Rathod, ICT, Matunga	13 <sup>th</sup> June to 12 <sup>th</sup> July 2018	2 students
Internship	Training	HR Manager, Deepak Nitrate Ltd, Taloja	15 <sup>th</sup> June to 5 <sup>th</sup> July 2018	3 students
Internship	Training	The Head, HRDD, Training School Complex, BARC, Trombay	15 <sup>th</sup> June to 5 <sup>th</sup> July 2018	3 students
Internship	Industrial Training	HR Manager, Nocil Ltd, Turbhe	15 <sup>th</sup> June to 30 <sup>th</sup> June 2018	4 students
Internship	Industrial Training	HR Manager, Nocil Ltd, Pawne Village, Navi Mumbai	15 <sup>th</sup> June to 5 <sup>th</sup> July 2018	2 students
Internship	Industrial Training- Project Management and Design Engineering	HR Manager, Clear Water Research and Infra Pvt. Ltd. Bhiwandi	15 <sup>th</sup> June to 7 <sup>th</sup> July 2018	2 student
Internship	Industrial Training – Study of Unit Operation and Unit Process in Ammonia V Plant	Mr. D.B.Kale, Senior Manager HRD CENTRE, Training Institute, RCF Chembur, Mumbai	16 <sup>th</sup> June to 30 <sup>th</sup> June 2018	1 student
Internship	Industrial Training	HR Manager, Gharda Chemical, Dombivali	18 <sup>th</sup> June to 7 <sup>th</sup> July 2018	4 students
Internship	Training	HR Manager, Century Rayon Kalyan	20 <sup>th</sup> June to 5 <sup>th</sup> July 2018	4 students
Internship	Industrial Training	HR Manager,Cipla Ltd Khalapur, Raigad	20 <sup>th</sup> June to 5 <sup>th</sup> July 2018	4 students
Internship	Industrial Training	HR Manager, Indo Amines Dombivali	20 <sup>th</sup> June to 5 <sup>th</sup> July 2018	1 student
Internship	Industrial Training	HR Manager, Gharda Chemical, Dombivali	20 <sup>th</sup> June to 5 <sup>th</sup> July 2018	3students
Internship	Industrial Training	HR Manager, RCF Chembur, Mumbai	20 <sup>th</sup> June to 5 <sup>th</sup> July 2018	5 students

Internship	Industrial Training	Mr. Prakash Kasekar, Assistant Manager – HR, RPG Life Sciences, MIDC, Thane	20 <sup>th</sup> June to 10 <sup>th</sup> July 2018	1 student
Internship	Industrial Training	HR Manager, Melog Speciality Chemicals, Ambernath MIDC	21 <sup>ST</sup> June to 6 <sup>th</sup> July 2018	1 student
Internship	Summer Training at Operation Department of Mumbai Refinery	Mr. S.P. Patil, Chief Manager HR Capability Building (Technical) HPCL, Mumbai	25 <sup>th</sup> June to 16 <sup>th</sup> July 2018	1 student
Internship	Training	HR Manager, RCF Chembur, Mumbai	29 <sup>th</sup> June to 5 <sup>th</sup> July 2018	4 students
Internship	In plant Training	Mr. D.B.Kale, Senior Manager HRD CENTRE, Training Institute, RCF Chembur, Mumbai	1 <sup>st</sup> July to 15 <sup>th</sup> July 2018	1 student
Internship	In plant Training: Study of unit operation and unit process in concentrated Nitric Acid plant	Mr. D.B.Kale, Senior Manager HRD CENTRE, Training Institute, RCF Chembur, Mumbai	2 <sup>nd</sup> July to 14 <sup>th</sup> July 2018	1 student
Internship	Short project –FCCU and material, heat and pressure balance	DBM (T&D/Admin), Bharat Petroleum Corporation Ltd, Refinery Learning Centre, Mahul, Chembur	2 <sup>nd</sup> July to 27 <sup>th</sup> July 2018	1 student
Internship	In plant Training- Chemical Process Overview	Mr. Amit M Kamtekar, Officer (Personnel), Godrej Industries Ltd. Ambernath.	5 <sup>th</sup> to 16 <sup>th</sup> July 2018	3 students
Internship	Industrial Training	Chief Engineer Gen (O and M) KORADI THERMAL POWER STATION	7 <sup>th</sup> to 17 <sup>th</sup> July 2018	2 students
3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year				

<b>Organisation</b>	<b>Date of MoU signed</b>	<b>Purpose and Activities</b>	<b>Number of students/teachers participated under MoUs</b>
Water Field Technologies, Thane	21/9/2017	Internship/ BE Final Project	<b>04</b>
Digel Systems Pvt Ltd, Mumbai	01/09/2017	Promote Industry Academia Partnership. Internships shall be facilitated and relevant Expert guidance will be extended	--
SKILLSITY Instruments Pvt. Ltd, Bangalore	22/09/2017	Development of SKILLSITY Research Lab for real time Workshops and Certificate Programs	--

#### **CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES**

##### **4.1 Physical Facilities**

4.1.1 Budget allocation, excluding salary for infrastructure augmentation during the year(1.4.2017 to 31.3.2018)

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
Rs. 14,00,00,000.00	Rs. 13,54,42,662.00

4.1.2 Details of augmentation in infrastructure facilities during the year

Facilities	Existing	Newly added
Class rooms	31	0
Laboratories	62	0
Seminar Halls	07 (actual 1)	0
Classrooms with LCD facilities	31	4
Classrooms with Wi-Fi/ LAN	31	0
Seminar halls with ICT facilities	Yes	0
Video Centre		0
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	-	No: 178 Value: Rs. 45,29,203/-
Value of the equipment purchased during the year (Rs. in Lakhs)	-	No: 201 Value: Rs.46,82,085/-
Others	-	-

##### **4.2 Library as a Learning Resource**

4.2.1 Library is automated {Integrated Library Management System -ILMS}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
Autolib NG	Fully	Updated to Latest	2015

4.2.1 Library Services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	28000	28199488.00	207	457556	28207	28657044.00
Reference Books	17200		50		17250	
e-Books	402	Open Source				

Journals	76	169254.00					
e-Journals	474	1380807.00	Continued				
Digital Database	Nil						
CD & Video	1200						
Library automation	Autolib	50000	New Version	65000			115000
Weeding (Hard & Soft)	2718	583607.06					
Others (specify)							

### 4.3 IT Infrastructure

#### 4.3.1 Technology Upgradation (overall)

	Total Computer s	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departme nts	Available band width (MGBPS)	Others
Existing	888	39	90MBPS Fibre optic	1	1	1	6	90 MBPS	-
Added	100	-	10 MBPS	-	-	-	-	10 MBPS	-
Total	988	39	100 MBPS	1	1	1	6	100 MBPS	-

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

100 MBPS

#### 4.3.3 Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
	Under Process

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

Name of the teacher	Name of the module	Platform on which module is developed	Date of launching e – content
Mr. Bhupati Kannur	Numericals on Highway Super elevation 1	Youtube	Feb 5, 2018
Mr. Bhupati Kannur	Numericals on Highway Superelevation 2	Youtube	Feb 5, 2018
Mr. Bhupati Kannur	Numericals on Railway ,Super elevation and permissible speed calculation.	Youtube	Aug 10, 2017

### 4.4 Maintenance of Campus Infrastructure

#### 4.4.1 Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year (1.04.17 to 31.03.18)

Assigned budget on academic facilities	Expenditure incurred on maintenance of	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical
--	--	--	---

	academic facilities		facilities
Rs. 5,50,00,000.00	Rs. 5,45,07,998.76	Rs. 60,00,000.00	Rs. 56,09,434.50
4.4.2 Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. ( <i>maximum 500 words</i> ) (information to be available in institutional Website, provide link) <a href="http://dmce.ac.in/newdmcewebsite/naac/naac.php">http://dmce.ac.in/newdmcewebsite/naac/naac.php</a>			
<p>1) It is mandatory for all departments to update and maintain the Dead stock Registers from time to time. Physical audit and annual verification of the Dead Stock Register is undertaken by the department head.</p> <p>2) Library Stock verification with physical verification is also carried out annually.</p> <p>3) Separately, annual system verification of the entire campus is carried out by the Systems Incharge of the Campus and the same is tallied with the department's verified quantity.</p> <p>4) Stores in-charge has been delegated the responsibility of annual Stock verification of the facilities extended to the department.</p>			

## **CRITERION V - STUDENT SUPPORT AND PROGRESSION**

### **5.1 Student Support**

#### 5.1.1 Scholarships and Financial Support

	Name /Title of the scheme	Number of students	Amount in Rupees
Financial support from institution	Tuition Fee Waiver Scheme (TFWS)		
Financial support from other sources			
a) National	Cast based & e-tribal Scholarship given by Government of India & Maharashtra	460	Rs. 3,01,20,530/-
	Cast based & e-tribal Free ship given by Government of India & Maharashtra	615	Rs. 3,35,83,375/-
b) International	-	-	-

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

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Soft Skill Development	19 <sup>th</sup> July 2017		T&P, DMCE
	18 <sup>th</sup> Dec 2017 to 4 <sup>th</sup> Jan 2018	60	Dept. of Humanities &Sciences, Communication Skills Faculty
Remedial Lectures	13 <sup>th</sup> , 14 <sup>th</sup> , 16 <sup>th</sup> ,20 <sup>th</sup> August 2017	14 (DSE: Direct Second Year Adm.)	Dept. of Electronics Eng., DMCE
	18 <sup>th</sup> , 19 <sup>th</sup> ,	27 (DSE)	Dept. of Chemical Engg, DMCE

	21 <sup>st</sup> ,22 <sup>nd</sup> ,23 <sup>rd</sup> ,24 <sup>th</sup> August 2017				
	13 <sup>th</sup> , 14 <sup>th</sup> , 16 <sup>th</sup> ,20 <sup>th</sup> August 2017	70 (DSE)	Dept. of Civil Engg, DMCE		
	18 <sup>th</sup> ,21 <sup>st</sup> ,22 <sup>nd</sup> ,23 <sup>rd</sup> , August 2017 and 1 <sup>st</sup> September 2017.	36 (DSE)	Dept. of Computer Engg, DMCE		
		14 (DSE)	Dept. of IT, DMCE		
	28 <sup>th</sup> , 29 <sup>th</sup> , 30 <sup>th</sup> Aug. 2017	52 (DSE)	Dept. of Mechanical Engg, DMCE		
	Feb 2018	181	Dept. of Humanities &Sciences, Maths faculty DMCE		
<u>Teacher-Guardian Mentoring Scheme</u>	4 days per semester	Approx 20 Students per Teacher	Teacher-Guardians, First Year (FE) faculty DMCE		
	3 days per semester	15-20 Students per Guardian	Teacher-Guardians, Dept. of Electronics Engg, DMCE		
	2 days per semester	15-20 Students per Guardian	Teacher-Guardians, Dept. of Mechanical Engg, DMCE		
	3 days per semester	20 Students per Guardian	Teacher-Guardians, Dept. of Civil Engg, DMCE		
	3 days per semester	20 Students per Guardian	Teacher-Guardians, Dept. of Computer Engg, DMCE		
	One hour per week	20 Students per Guardian	Teacher-Guardians, Dept. of Information, DMCE		
	3 days per semester	20 Students per Guardian	Teacher-Guardians, Dept. of Chemical Engg, DMCE		
Personal Counselling	As per individual student appointment with Psycho Socio Counsellor	23 Students	Counsellor, DMCE		
Yoga Sessions	21 <sup>st</sup> June 2017		DMCE		
5.1.3 Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year					
Year	Name of the scheme	Number of benefited students by Guidance for Competitive examination	Number of benefited students by Career Counselling activities	Number of students who have passed in the competitive exam	Number of students placed
2017	Introduction to Placement Process	-	120	-	-
2017	Opportunities in Civil Engineering	-	83	-	-
2017	STOCK MIND	-	35	-	-

2017	Resume/Ethics/Body language/How to conduct youself/Importance of GD,PI	-	30	-	-
2017	Foreign Study	-	110 (All Branches)	-	-
2018	GATE/GRE	Will appear in February 2019		Will appear in February 2019	
2018	<u>Orientation of SoftSkills- NASSCOM</u>	-	111	-	15
2018	Aptitude Test – Training	-	62	-	15

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

Total grievances received	No. of grievances redressed	Average number of days for grievance redressal
13	13	8-10 Days

## 5.2 Student Progression

### 5.2.1 Details of campus placement during the year

On campus			Off Campus		
Name of Organizations Visited (171)	Number of Students Participated	Number of Students Placed (172)	Name of Organizations Visited	Number of Students Participated	Number of Students Placed
Adrosonic		02			
AGS TRANSACT TECHNOLOGY		01			
AGS TRANSACT TECHNOLOGY		02			
Aurionpro Solutions Ltd.,		02			
Bharati Fire Engineers		03			
Bitwise		01			
Blue Circle Organics Pvt Ltd		03			
Burns McdDonel		01			
C Tech		01			
CAPGEMINI		18			
Cn Water		02			
Composites Combine Technocrats Pvt Ltd		03			
conserve ( Allcargo logistics)		01			
Cybermarine		05			
Deepak fertiliser		03			
Design Excellence		01			
Dr. Kelkar Designs		03			

eBorn Consulting		01			
eClerx		05			
Façade India		01			
Goshar Alliance LLP		01			
HCL Technologies		02			
Hexaware		02			
HGS		06			
HPS Lab Design		01			
IBM India Pvt Ltd.		06			
Indian Chemical Corporation		01			
JMC Projects		03			
Jost`s Engg company ltd.,		02			
Marathon		09			
Marathon Sales		03			
Mastek		01			
Miles Software		03			
MINEMAN Systems - India		02			
NeoSOFT		01			
Neptunus		01			
Neutec		01			
Nikhil comfort		02			
NOCIL		06			
Opus		03			
P Mech consultant		01			
Paramatrix		02			
PNB Housing		03			
Qspiders		01			
QUNNIOX		02			
QUALITY KISOK		01			
Rave Technology		01			
REIN LABS		06			
Reliance		03			
Reliance Infrastructure		04			
Reliance Jio		03			
Rivigo		02			
SAI TECH		01			
PHARMACEUTICALS					
Sankey Solution		03			
Selec Controls		02			
SPECTRUM		02			
Syntel		05			
TCS		10			
VAV		01			
Zeus Learing		04			
5.2.2 Student progression to higher education in percentage during the year :					

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of Programme admitted to
2017-18	25	B.E. Electronics	Dept. of Electronics Engg.	Universities in USA, Germany; IIM-Indore, IIM-Lucknow	MS / M.Sc. , P/GDBM.
2017-18	04	B.E. Mechanical	Dept. of Mechanical Engg.	Indiana University- Purdue University GCOE, Amravati	MS, ME
2017-18	15	B.E. Chemical	Dept. of Chemical Engg.	Universities in USA, Germany, ICT Mumbai, IIT-Delhi	MS, M.Tech. , PGDBM.
2017-18	30	BE Civil	Department of Civil Engineering	Universities in USA, Australia; IIT's, NIT's, Govt. Institutes. NICMAR	MS, M.Tech, ME, PGDBM
2017	02	Bachelor of Engineering	Computer Engineering	1. Stevens 2. University of Georgia	MS
2018	01	Bachelor of Engineering	Computer Engineering	SRH Heidelberg	MS
2017-18	04	B.E. Information Technology	Department of Information Technology	Northeastern University, University of Michigan	MS in Data Science

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

Items	No. of Students selected/ qualifying	Registration number/roll number for the exam
NET	--	--
SET	--	--
SLET	--	--
GATE	66	ME1851207917; ME18512079023; ME18522080134; CH18S42073175
GMAT	--	--
CAT	06	--
GRE	35	3554374, 2735801,2108966,2504748,26 73325,1378594,1376522,2153 998,1975860,1424663,538746 3

TOFEL	38	32288741,31230936,3228341 3,32244215,32316227,315917 68,30122344,29762354
Civil Services	--	--
State Government Services	01	--
Any Other	09	--

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

Activity	Level	Participants
Carrom	University of Mumbai	06
Volley ball		12
Foot ball		16
Table Tennis		01
Badminton		09
Chess		08
Kabaddi		12
Cricket		11
Table Tennis	Datta Meghe College of Engineering, Airoli	21
Overarm cricket		55
Volley ball		48
Badminton		52
Foot ball		40
Kabaddi		45
Chess		14
Carom		15
Box Cricket		36
Tug of War		36
Relay		16
Basket Ball		21

#### 5.3 Student Participation and Activities

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

Year	Name of the award/ medal	National/ International	Sports	Cultural	Student ID number	Name of the student
2018	Silver Medal	National	Athlete			Neeraj Rawat (FE)
2018	Rank- 35 <sup>th</sup> out of 60	National	All-Terrain Vehicle (ATV) Car Racing, BAJA SAE India. Kari Speedway, Coimbatore.	NA	Torrid racing Team No : 09	Akshay Mahatre Akshay Yelbhar Bhavesh Tawde & Team
2018	Rank- 62 <sup>nd</sup> out of 100	National	All-Terrain Vehicle (ATV) Car Racing, Enduro Student India 2018, IIT, Ropar.	NA	Torrid racing Team No : 38	Akshay Mahatre Akshay Yelbhar Bhavesh Tawde & Team

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

### **Student Council:**

An active student Council work throughout the year. The main objective of student Council is to develop functional relationship among students, management and faculty. The aim and objective of the Council is to provide a constructive opportunity to the students to participate, interact and provide a feedback about academic program, infrastructural facilities, discipline and general environment so that desired corrective methods can be taken.

Formation of student Council is based on election procedure formulated by University of Mumbai. Every division elect one student, who act as class representative. One branch has 8 to 10 class representative. Total 46 student selected from all the four years. Four students from final year are selected for Main positions as General Secretary, Cultural secretary, Sports secretary and Lady representative. 3 students from third year are selected for co positions CO- GS, Co-SS and CO-CS. Other students elected work down the line of Command.

Student Council members take a lead role in organising events and represent college or students during NAAC, LIC and AICTE visit

### **5.3 Alumni Engagement**

5.3.1 Whether the institution has registered Alumni Association? Yes/No, if yes give details (maximum 500 words):

Alumni:

Institution has registered Alumni Association and active governing body is on the panel. Along with the Alumina Meet on yearly basis lot of other activities are also organised for time to time like panel discussion, expert lectures and arranging for internships.

5.3.2 No. of registered enrolled Alumni: **1250**

5.3.3 Alumni contribution during the year (in Rupees) : **Nil**

#### **5.3.4 Meetings/activities organized by Alumni Association : Activities**

1. A one day seminar by Alumni, Mr. Heman Gor Sr.Engg. Petrofac International LTD , Dubai on '**Tall Building Engineering**' on August 10, 2018 **Organized by** Department of Civil Engineering, DMCE Airolí.

2. A session on bridging the Industry Academia Gap entitled "**Industry Student Interaction**" **conducted by our Alumni Mr. NiravModi, Organized by** Department of Civil Engineering, DMCE Airolí.

3. A seminar on "**Guidlines to Crack Apptitude**" was conducted for Final Year students of IT on 19 th Sept 2017 by our Aumni Rahul Chaudhary associated with JP Morgan Mumbai.

4. A seminar on " Motivation " was oraganised by Group of Information Technology Students on September 6,2018. Alumni Ranji Nair has hosted the event. Published books on Structured Programming Approach (SPA), Computer Organisation and Architecture (COA), Operating Systems (OS) , Analysis of Algorithms (AOA) for Mumbai University Students under the publication \*Tek97\*. He is a teaching assistant for a YouTube channel \*Ranji Raj\* with over 9,000 subscribers.

5. A Session on ERP was conducted by our Alumni, Mr. Arjun Malkar, a Specialist on ERP Solutions for Industries and Corporates.

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

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

The Successful conduction of International Conference by Department of Electronics Engineering, Short Term Training Programmes by the Department of Civil Engineering, are the examples of decentralisation where the respective departments are empowered to streamline and implement the tasks in hand effectively. The success and smooth culmination of the events are a result of the participative culture encouraged by the management and exhibited by the various stakeholders like the students, Teachers, Support Staff , various departments of DMCE and the Management of DMCE.

Conduction of Examinations(Semester- 1 to 8), Evaluation of Answer books and Preparation of Results for Semester 3,4,5,6 are implemented examples of decentralization wherein conduction of Examination is facilitated through senior Supervisors overseen by the Incharge Examination and Evaluation of Answer Books of Semester 3,4,5,6 are facilitated through CAS (Centralised Assessment Scheme) Incharges overseen by InCharge Examination. Similarly, Preparation of Results are facilitated through the ERP team under the guidance received from Incharge Examination.

The above processes are the examples of decentralization and participative management, as a result of which we ensure their smooth execution.

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

Yes/No/Partial:

Yes

## **6.2 Strategy Development and Deployment**

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

- ❖ Curriculum Development: The Expert (Industry Experts/ Academicians/ Alumni) Opinions and suggestions are invited across various interfaces like Seminars, Conferences, Workshops, Alumni Functions. The Industry-Academia gaps and the recent advances in techniques and technology, identified across the various forums are assimilated by the respective departmental faculties and forwarded to the Syllabus revision committee or Curriculum development committee of the university from time to time.

Teaching and Learning:

At the start of each semester, ILQMC (Institute Level Quality Management Cell) prepares an Academic Calendar on the lines of University's Academic Calendar.

Faculty members prepare their Teaching Plan and make use of the ICTs available and a host of on-line resources available through MOOCs and NPTEL platforms with an aim to reduce the Industry Academia gap.

Learning is facilitated through various modes like Classroom teaching, Practicals, Industrial and Site Visits, Expert Sessions, Workshops, Training Sessions, Role Plays, Project implementation, Internships, etc. Learning is made more active by ways of conducting Quizzes, mini and major Technical Project Competitions

- ❖ Examination and Evaluation Structure is as given below:

**Internal Assessment (IA):** Two tests must be conducted. The average marks of both the tests will be considered for final Internal Assessment.

**End Semester Examination:** Question paper will comprise of 6 questions, each carrying 20 marks. The students need to solve total 4 questions. Question No.1 will be compulsory and based on entire syllabus.

**Term Work/ Tutorial:** Term work assessment must be based on the overall performance of the student with every assignment graded from time to time.

**Practicals:** At least 10 experiments covering entire syllabus are set. Computation/simulation based experiments are also encouraged.

- ❖ Research and Development:

The institute has constituted research committees to monitor and address the issues related with the research at PG and Ph.D. level. It also ensures that the necessary research facilities and infrastructure is available. The committee also ascertains the quality of the research work being communicated by the students to the various referred journals and see to it that it is free from any sort of plagiarism.

The progress of research students are monitored by the Research Advisory Committee (RAC) from time to time. RAC committees for each stream comprises of Internal Research Supervisors, HODs, Dean, External Experts and Principal.

- ❖ Library, ICT and Physical Infrastructure / Instrumentation:

Library houses various reference and text books, National and International Journals and various On-Line resources like e-Journals, e-books, etc. Library is automated using Autolib, Library Management System.

ICT facility is extended for the Teaching-Learning Process by means of LCD-Projectors, Smart Classrooms, 100 Mbps leased Line Connectivity with WiFi.

We have a state of the art Laboratories in Civil Engineering which is used for Testing & Consultancy. Our 20+ Computer Labs housing around 800 systems serves to conduct online examinations on mass scale. Our 30+ Classrooms also facilitate conduct of offline exams. The whole campus is supported with uninterrupted Power Supply Back-up of 500 KVA.

- ❖ Human Resource Management:

Principal along with the ILQMC ensures that proper and eligible Human Resource is available so as to surpass the standard norms of regulatory bodies like UGC, AICTE, DTE and University from time to time. Our recruitment is done as per the Roaster process as recommended by Govt. of Maharashtra. There are two types of recruitments, one is through USC (University Selection Committee) and the other is at the College Level (Adhoc appointments) against the sanctioned vacancy.

- ❖ Industry Interaction / Collaboration:

Industry interaction is facilitated by ways of Industry or Site Visits, Conducting National Level

and International Level Seminars and Conference, encouraging Student Internships and real time Industry Projects. Expert sessions are arranged wherein real time Industry experts and Professionals guide the students and staff in regards with the recent or latest Technology in use to arrive at Practical Solutions.

Also Institute has signed MOUs with various Industries/Corporates and Research Organisations like Digel Systems Pvt. Ltd, etc

❖ Admission of Students :

Admission to the Institute is done by Directorate of Technical Education ( DTE) Maharashtra wherein 80% of the Intake Capacity of each branch is facilitated through DTE's Centralised Admission Process (CAP). Remaining 20% of the Intake capacity is filled in through the Institute Level quota, following all the rules and regulations stipulated by DTE, Mumbai for the year.

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

❖ Planning and Development:

Currently we are in the process of extending Software Support and automate Planning and Development, so as to incorporate e-governance.

❖ Administration:

Currently we are in the process of extending Software Support and automate Planning and Development, so as to incorporate e-governance.

❖ Finance and Accounts: Accounts Section of DMCE is supported with Tally Software and an indigenously developed MIS (Management Information System-ERP). All the processes in Accounts were well studied by our In-House Software Development Team and utmost care was taken to ensure a smooth flow of data while using our ERP and Tally Software.

❖ Student Admission and Support :

Entry level Student Admission Process is purely controlled and implemented by DTE, Mumbai through its CAP. The minimum eligibility is qualifying Common Entrance Test (CET) conducted by DTE, Mumbai. Direct Second Year Admission (20% of Sactioned Intake) is processed solely by DTE Mumbai.

Institute's Student section entertains the Students admitted through CAP and aids the scrutiny and validation of the student applications at the DTE office, thereby completing the Admission process. Students eligible for government Scholarships and Freeships are facilitated by the Student Section staff through the complete on-Line application process, thereby enabling them to avail the scholarships.

❖ Examination :

Students have to fill on-Line Exam forms for the University Level Exams (Semester- 1,2,7&8) and the College Level Exams (Semester -3,4,5,6). College ERP is well built to handle the College Level Exams. Hall tickets are also auto generated by the College ERP in the respective student's Login. Internal Assessment, Term Work, Oral and Practicals marks are uploaded by the respective internal examiners in the College ERP.

Institute's Examination Cell is fully equipped to receive e-Question papers forwarded by University of Mumbai Exam Cell.

Results of the exam are also made available in the student login after the declaration of results.				
<b>6.3 Faculty Empowerment Strategies</b>				
6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year				
Year	Name of teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
Nil	Nil	Nil	Nil	Nil
6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year				
Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	Dates (from-to)	No. of participants (Teaching staff) No. of participants (Non-teaching staff)
2017 Hands on Python Prog		-	9 <sup>th</sup> & 10 <sup>th</sup> March 2018	3 -
Stress Management			06 <sup>th</sup> July 2018	32 -
Designing of Slides using power point presentation		-	December 17(one day)	7 -
6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year				
Title of the professional development programme	Number of teachers who attended		Date and Duration (from – to)	
Orientation Programme		18	12/1/2018 28/7/2017 20//1/2018 11/1/2018	
Industry Institute Interaction		02	05/07/2018	
Short Term Course		20	11-16 Dec. 2017 19 <sup>th</sup> April to 28 <sup>th</sup> April 2018 9 <sup>th</sup> Oct to 14 <sup>th</sup> Oct 2017 16 <sup>th</sup> to 20 <sup>th</sup> Feb 2018 18/12/2017 to 23/12/2017 10/03/2018 to 25/03/2018 19/03/2018 to 06/04/2018 <b>2 July -7 July 2018</b>	
Workshop		01	02-06 Jan. 2018	
<b>Refresher Course</b>		<b>00</b>	-	

Faculty Development Programme	07	1 <sup>st</sup> Dec to 14 <sup>th</sup> Dec 2017 <b>2017-2018</b>

#### 6.3.4 Faculty and Staff recruitment (no. for permanent/fulltime recruitment):

Teaching		Non-teaching	
Permanent	Fulltime	Permanent	Fulltime/temporary
126	184	82	09

#### 6.3.5 Welfare schemes for

Teaching	1. PF Facility is implemented 2. Gratuity is also implemented for the retiring staff members
Non teaching	1. PF Facility is implemented 2. Gratuity is also implemented for the retiring staff members
Students	Accident Insurance is facilitated Flexibility of Fees Payment in instalments is extended to needy Students

### 6.4 Financial Management and Resource Mobilization

6.4.1 Financial Audit of the Institution is regularly carried out by an external third party Auditor namely on a half yearly basis. Any lacunae in the system are well addressed and taken care of by our Accounts team. Annual Balance Sheet with Audit report is provided by the Auditor on an annual basis.

This document is put across the Local Managing Committee (LMC) comprising of representatives of Teaching Staff, Non-Teaching Staff, Principal and the Management Representatives during the scheduled half yearly LMC Meet. Subsequently, the document is put forward in the Governing Body Meeting (GBM) for discussion and approval.

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

Name of the non government funding agencies/ individuals	Funds/ Grants received in Rs.	Purpose
NA	NA	NA

6.4.2 Total corpus fund generated Nil

### 6.5 Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Local Inquiry Committee (LIC) of University for Academic Affiliation	Yes	DLQMC (Two Audits per Semester) & ILQMC (Once Per Semester)
Administrative	Yes	Social Welfare , LIC UoM	Yes	Management

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

Though we have an informal Parents Teachers Association (PTA), PTA helps in the conduction of First

Year Orientation Programme. Parents along with Teachers play a very constructive role in case their wards are weak in studies and Performance.
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#### 6.5.3 Development programmes for support staff (at least three)

Facilitated the conduction of session on understanding the ERP floated by Government of Maharashtra towards the disbursement of Scholarships and Freeships given by the government to eligible students. It was attended by the Staffs of Student section of our college as well as other Institutes.

Support staff are encouraged and facilitated to pursue higher studies in campus or out of campus.

A session on Soft Skills was conducted for all the support Staff by our In-House Humanities Department.

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

In-house designed MIS has successfully implemented the Student Admission and Evaluation Process Interface.

Industry Academia Interface has come alive with higher number of students undergoing Internships, students undertaking Industrial Projects (with or Without Funding).

Institute has encouraged the utilisation of MOOCs both at the staff and Student Level and as a result we are witnessing Large number of faculties and students enrolling for varied NPTEL Courses and many of them have Passed the same with flying colours.

#### 6.5.5

a. Submission of Data for AISHE portal : (Yes /No) Yes

b. Participation in NIRF : (Yes /No) No

c. ISO Certification : (Yes /No) Yes

d. NBA or any other quality audit : (Yes /No) No

#### 6.5.6 Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting activity	Duration (from---to-----)	Number of participants
2017	DL-QMC Audit (Electronics)	20/10/2017	1-Day	Audit Team & Electronics Dept staff
2017	DL-QMC Audit (Electronics)	08/09/2017	1-Day	Audit Team & Electronics Dept staff
2018	DL-QMC Audit (Electronics)	25/04/2018	1-Day	Audit Team & Electronics Dept staff
2018	DL-QMC Audit (Electronics)	6/03/2018	1-Day	Audit Team & Electronics Dept staff
2018	IL-QMC Audit (Electronics)	04/01/2018	1-Day	Audit Team & Dept. Staff
2018	IL-QMC Audit (Electronics)	22/06/2018	1-Day	Audit Team & Dept. Staff
2017	DLQMC Audit (Mechanical)	08/09/2017	1-Day	Audit team & Mechanical Dept. Staff
2017	DLQMC Audit (Mechanical)	29/11/2017	1-Day	Audit team &

				Mechanical Dept. Staff
2017	ILQMC Audit (Mechanical)	21/12/2017	1-Day	Audit team & Mechanical Dept. Staff
2018	DLQMC Audit (Mechanical)	09/03/2018	1-Day	Audit team & Mechanical Dept. Staff
2018	DLQMC Audit (Mechanical)	17/04/2018	1-Day	Audit team & Mechanical Dept. Staff
2018	ILQMC Audit (Mechanical)	31/05/2018	1-Day	Audit team & Mechanical Dept. Staff
2017	DL-QMC Audit (Chemical)	30/10/2017	1-Day	Audit Team & Chemical Dept staff
2017	DL-QMC Audit (Chemical)	08/09/2017	1-Day	Audit Team & Chemical Dept staff
2018	DL-QMC Audit (Chemical)	26/04/2018	1-Day	Audit Team & Chemical Dept staff
2018	DL-QMC Audit (Chemical)	08/03/2018	1-Day	Audit Team & Chemical Dept staff
2017	IL-QMC Audit (Chemical)	25/10/2017	1-Day	Audit Team & Dept. Staff
2018	IL-QMC Audit (Chemical)	27/06/2018	1-Day	Audit Team & Dept. Staff
2017	DL-QMC Audit (Civil)	25/10/2017	1-Day	Audit Team & Civil Dept staff
2017	DL-QMC Audit (Civil)	08/09/2017	1-Day	Audit Team & Civil Dept staff
2018	DL-QMC Audit (Civil)	06/04/2018	1-Day	Audit Team & Civil Dept staff
2018	DL-QMC Audit (Civil)	08/03/2018	1-Day	Audit Team & Civil Dept staff
2017	IL-QMC Audit (Civil)	25/10/2017	1-Day	Audit Team & Dept. Staff
2018	IL-QMC Audit (Civil)	27/06/2018	1-Day	Audit Team & Dept. Staff
2017	DL-QMC Audit (Computer)	26/10/2017	1-Day	Audit Team & Computer Dept staff
2017	DL-QMC Audit (Computer)	08/09/2017	1-Day	Audit Team & Computer Dept staff
2018	DL-QMC Audit (Computer)	18/04/2018	1-Day	Audit Team & Computer Dept staff

2018	DL-QMC Audit (Computer)	9/03/2018	1-Day	Audit Team & Computer Dept staff
2017	IL-QMC Audit (Computer)	27/10/2017	1-Day	Audit Team & Computer Dept staff
2018	IL-QMC Audit (Computer)	30/05/2018	1-Day	Audit Team & Computer Dept staff
2017	DL-QMC Audit (IT)	20/10/2017	1-Day	Audit Team & IT Dept staff
2017	DL-QMC Audit (IT)	08/09/2017	1-Day	Audit Team & IT Dept staff
2018	DL-QMC Audit (IT)	25/04/2018	1-Day	Audit Team & IT Dept staff
2018	DL-QMC Audit (IT)	6/03/2018	1-Day	Audit Team & IT Dept staff
2017	IL-QMC Audit (IT)	27/10/2017	1-Day	Audit Team & IT Dept. Staff
2018	IL-QMC Audit (IT)	22/06/2018	1-Day	Audit Team & IT Dept. Staff
2017	DL-QMC Audit (Humanities &Sciences)	29/9/17	1-Day	Audit Team & Humanities &Sciences Dept staff
2017	DL-QMC Audit (Humanities &Sciences))	8/11/17	1-Day	Audit Team & Humanities &Sciences Dept staff
2018	DL-QMC Audit (Humanities &Sciences)	9/3/18	1-Day	Audit Team & Humanities &Sciences Dept. Staff
2018	DL-QMC Audit (Humanities &Sciences)	18/4/18	1-Day	Audit Team & Humanities &Sciences Dept. Staff
2017	IL-QMC Audit (Humanities &Sciences))	13/11/2017	1-Day	Audit Team & Humanities &Sciences Dept. Staff
2018	IL-QMC Audit (Humanities &Sciences))	23/04/2018	1-Day	Audit Team & Humanities &Sciences Dept. Staff

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

### **7.1 - Institutional Values and Social Responsibilities**

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

Title of the programme	Period (from-to)	Participants	
		Female	Male
Annual Social Gathering – MILESTONE 2018	12/02/2018 to 15/02/2018	All Students (Males & Female in Equal Numbers)	
GARJAA Maharashtra	20/10/2017	49	52
Social Donation Camp	18/03/2018	22	30
Blood Donation	12/02/2018	19	101

7.1.2 Environmental Consciousness and Sustainability/Alternate Energy initiatives such as  
Percentage of power requirement of the College met by the renewable energy sources:  
Harnessing of Solar Energy System Implementation In Process

7.1.3 Differently abled (Divyangjan) friendliness

Items Facilities	Yes/No	No. of Beneficiaries
Physical facilities	Yes	7
Provision for lift	Yes	7
Ramp/ Rails	Yes	7
Braille Software/facilities	-	-
Rest Rooms	Yes	7
Scribes for examination	Yes	1
Special skill development for differently abled students	NA	-
Any other similar facility	-	-

7.1.4 Inclusion and Situatedness

Enlist most important initiatives taken to address locational advantages and disadvantages during the year

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date and duration of the initiative	Name of the initiative	Issues addressed	Number of participating students and staff
2017-18	4		06/04/2018 2Hours	Experts Session by Mr. Abhay Phansikar, Chairman - IEEE Bombay Section	Recent Trends in Electronics Engineering & Technology	40
			15.09.2017 (2Hours)	Expert Lecture on Scope in Chemical Engineering	Prospects and Job Avenues in Chemical Engineering	60

		06/04/2018 to 07/04/2018	International Conference “ICATE-18”	Hosted the Conference with stakeholders participating from Industries, Institutions and other nearby Colleges	256
		18/04/2018	“ELECTROWIZ – 18”,	National Level Project Competition	250
2017-18			Social Donation Camp	Donated Food Grains, Clothes, Stationaries to the needy	85
		3	17/02/2018	Clean Mangroves Campaign	Clean Environment and Forest
			02/10/2017	Swachh Bharat	Cleanliness Drive

#### 7.1.5 Human Values and Professional Ethics

Code of conduct (handbooks) for various stakeholders

Title	Date of Publication	Follow up (maximum 100 words each)
<b>Handbook – Code of Conduct</b>	<b>01/07/2018</b>	<b>All the rules and regulation towards the code of conduct of various stakeholders associated with DMCE are well defined.</b>

#### 7.1.6 Activities conducted for promotion of universal Values and Ethics

Activity	Duration (from-----to-----)	Number of participants
<b>Blood Donation Activity</b>	12/02/2018	<b>120</b>
<b>Donation</b>	18/03/2018	<b>52</b>

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

1. **Tree Plantation around the campus**
2. **Ample ventilation and Natural Sunlight available**
3. **Solar Panel being installed.**
4. **All old Lightings are replaced with LEDs**

#### 7.2 Best Practices

Describe at least two institutional best practices

1. Two Tier Exhaustive Academic Audit System implemented in the Institute.
2. Paperless System implemented for Examination (Student Form, Hall Tickets) and uploading Internal marks through College ERP.
3. Equal weightage accorded to Curricular, Co-Curricular and Extra Curricular activities

Upload details of two best practices successfully implemented by the

institution as per NAAC format in your institution website, provide the link:

<http://dmce.ac.in/newdmcewebsite/naac/naac.php>

### **7.3 Institutional Distinctiveness**

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

<http://dmce.ac.in/newdmcewebsite/naac/naac.php>

Distinctiveness: We encourage our students across varied disciplines to select multi-disciplinary projects as their final year major projects. These projects are aimed to resolve or contribute towards solving the societal needs of common man. The Societal needs can be medical in nature or focussed towards improving transportation, improved construction economics, reduced pollution and involving the students to build solutions for in-house issues in an indigenous way. As an example, Students were involved in the development of College's Indigenous ERP System. Similarly pre-final year students are facilitated to undergo in-house training sessions or internships, thereby relating to the theory studied.

## **8. Future Plans of action for next academic year (500 words)**

We intend to reduce the gap between the Industry Expectations and the Fresh Passing out graduates, thereby filling the gaps in University Prescribed Syllabus and the real time requirements. This can be achieved by furthering the Industry Academia Linkages to the next Level. Hence, we have resolved to form MOUs with relevant Industries and Corporates in this regard towards allowing our students to part-take in their existing real time projects, encouraging our faculties to undertake consultancy and get acquainted with the real time problems faced by the Industry, and thereby aiding the resource generation at the Institute Level.

\_\_\_\_\_ \*\*\* \_\_\_\_\_

**ANNEXURES:**

**ACADEMIC CALENDAR 17-18 (First Half):**



# **Datta Meghe College of Engineering**

**AIROLI, NAVI MUMBAI-400708**

**ACADEMIC CALENDAR ODD SEMESTER 2017 OF ACADEMIC YEAR 2017-18 for Faculty**

S.N	Particulars	Year	Dates
1	Submission of Teaching Plan to HOD	SE, TE, BE	4 <sup>th</sup> July to 6 <sup>th</sup> July 2017
2	Term Duration	SE, TE, BE	10 <sup>th</sup> July 2017 (Monday) to 27 <sup>th</sup> Oct 2017 (Friday)
3	Submission of Teaching Plan to HOD	FE	25 <sup>th</sup> July to 27 <sup>th</sup> July 2017
4	Final Year Project Finalization and allotment of Guide	BE	25 <sup>th</sup> July
5	Term Duration	FE	1 <sup>st</sup> August 2017 (Tuesday) to 17 <sup>th</sup> Nov 2017 (Saturday)
6	Orientation for FE	FE	1 <sup>st</sup> August 2017 (Tuesday)
7	Raksha Bandhan		7 <sup>th</sup> August (Monday) (Holiday)
8	Display of 1 <sup>st</sup> Attendance list	SE, TE, BE	9 <sup>th</sup> Aug 2017 (Wednesday) (For the period of 10 <sup>th</sup> July 2017 to 4 <sup>th</sup> Aug 2017)
9	Submission of report of conduction of lectures taken, syllabus covered, leave taken and students issues if any...by Division Incharge to HOD.	SE, TE, BE	11 <sup>th</sup> August 2017 (Friday)
10	Independence Day		15 <sup>th</sup> August 2017 (Tuesday)
11	Parsi New Year Day		17 <sup>th</sup> August 2017 (Thursday) (Holiday)
12	Internal Assessment-I	SE, TE, BE	18 <sup>th</sup> , 19 <sup>th</sup> , 21 <sup>st</sup> , 22 <sup>nd</sup> , 23 <sup>rd</sup> , 24 <sup>th</sup> August 2017
13	Ganpati Festival (Mid-term break)		25 <sup>th</sup> August 2017 to 29 <sup>th</sup> August 2017 (Holidays)
14	Display of Marks of IA-I	SE, TE, BE	4 <sup>th</sup> Sep 2017 (Monday)
15	Anant Chaturdashi(Ganesh Visarjan)		5 <sup>th</sup> Sep 2017 (Tuesday)
16	Display of 2 <sup>nd</sup> Attendance list	SE, TE, BE	6 <sup>th</sup> September 2017 (Wednesday) (For the period of 10 <sup>th</sup> July 2017 to 1 <sup>st</sup> Sept 2017)
17	Submission of report of conduction of lectures taken, syllabus covered, leave taken and students issues if any...by Division Incharge to HOD.	SE, TE, BE	7 <sup>th</sup> Sep 2017 (Thursday)
18	Display of 1 <sup>st</sup> Attendance list	FE	6 <sup>th</sup> September 2017 (For the period of 1 <sup>st</sup> Aug 2017 to 1 <sup>st</sup> Sept 2017)
19	Submission of report of conduction of lectures taken, syllabus covered, leave taken and students issues if any...by Division Incharge to HOD.	FE	7 <sup>th</sup> September 2017 (Thursday)
20	DLQMC Audit Meeting	SE, TE, BE	8 <sup>th</sup> September 2017 (Friday)
21	Technitude (Engineer's day)		15th September (Friday) to 16th September 2017 (Saturday)
22	Internal Assessment-I	FE	18 <sup>th</sup> September 2017 (Monday) to 23rd September 2017 (Saturday)
23	Display of Marks of IA-I	FE	27 <sup>th</sup> September 2017 (Wednesday)
24	DLQMC Audit Meeting	FE	29 <sup>th</sup> September 2017 (Friday)
25	Gandhi Jayanti		2 <sup>nd</sup> Oct 2017 (Monday) (Holiday)
26	Display of 2 <sup>nd</sup> Attendance list	FE	3 <sup>rd</sup> Oct 2017 (Tuesday) (1 <sup>st</sup> Aug 2017 to 29 <sup>th</sup> Sep 2017)



**PRINCIPAL**  
**DATTA MEGHE COLLEGE OF ENGINEERING**  
**SECTOR-3, AIROLI, NAVI MUMBAI-400708**

27	Submission of report of conduction of lectures taken, syllabus covered, leave taken and students issues if any...by Division Incharge to HOD.	FE	4 <sup>th</sup> Oct 2017 (Wednesday)
28	Internal Assessment-II	SE, TE, BE	5th, 6th, 7th, 9th 10th, 11th Oct 2017
29	Display of 3 <sup>rd</sup> Attendance list	SE, TE, BE	9 <sup>th</sup> Oct 2017 (Monday)
30	Submission of report of conduction of lectures taken, syllabus covered, leave taken and students issues if any...by Division Incharge to HOD.	SE, TE, BE	9th Oct 2017 (Monday)
31	Narak Chaturdashi		18th Oct 2017 (Wednesday) (Holiday)
32	Diwali Amavasya		19 <sup>th</sup> Oct 2017 (Thursday) (Holiday)
33	Balipatiprada		20 <sup>th</sup> Oct 2017 (Friday) (Holiday)
34	Display of IA Average Marks	SE, TE, BE	23rd Oct 2017 (Monday)
35	HOD Submission and issue of Hall Tickets	SE, TE, BE	
36	Online Submission of Mark IA and TW	SE, TE, BE	26th Oct 2017 (Tuesday)
37	Oral /Pr Examination	SE, TE, BE	
38	Internal Assessment-II	FE	6 <sup>th</sup> Nov 2017 to 11 <sup>th</sup> Nov 2017
39	Display of 3 <sup>rd</sup> Attendance list	FE	6 <sup>th</sup> Nov 2017
40	Submission of report of conduction of lectures taken, syllabus covered, leave taken and students issues if any...by Division Incharge to HOD.	FE	7 <sup>th</sup> Nov 2017(Tuesday)
41	Display of IA Average Marks	FE	14 <sup>th</sup> Nov 2017(Tuesday)
42	HOD Submission and issue of Hall Tickets	FE	
43	Oral /Pr Examination	FE	
44	Commencement of theory examination	All	As Per University Notifications

Particular	SE	FE
No. of Instructional Days	65	70
No. of non-instructional Days	13	13

#### Mandatory for faculty

- 1 A Minimum of 40 Hr of Theory lectures should be conducted in the semester (for theory load of 4Hrs/week)
- 2 A Minimum 30 Hr of Theory lectures should be conducted in the semester (for theory load of 3Hrs/week)
- 3 A Minimum 10 Practical sessions should be engaged per batch.
- 4 Class Teachers/ Incharges should maintain the consolidated attendance of students and % of syllabus completion of the respective class.
- 5 HOD should conduct at least three (3) meetings with class/div incharges regarding attendance, course completion, and any other issues.
- 6 HOD Should conduct minimum two (2) meetings with the faculty, one before start of the semester & other before final submission.
- 7 Record of Remedial classes to be maintained by class/ div Incharge.
- 8 Parent-teacher meet should be conducted during the 9th week of the semester.  
(SE,TE,BE- Sept. 4th to 8th, 2017 & FE- Sept. 25th to 29th, 2017)

Date :- 4<sup>th</sup> July 2017

Dr. S.D. Sawarkar  
Principal

**PRINCIPAL**  
**DATTA MEGHE COLLEGE OF ENGINEERING**  
**SECTOR-3, AIROLI, NAVI MUMBAI-400708**



17-18 Second Half:



## Datta Meghe College of Engineering

AIROLI, NAVI MUMBAI-400708

ACADEMIC CALENDAR EVEN SEMESTER 2018 OF ACADEMIC YEAR 2017-18 for Faculty

S.N	Particulars	Year	Dates
1	Submission of Teaching Plan to HOD	FE/SE/TE/BE	4 <sup>th</sup> Jan to 5 <sup>th</sup> Jan 2018
2	Term Duration	FE/SE/TE/BE	8th Jan 2018 (Monday) to 21st Apr 2018 (Saturday)
3	Republic Day		26th Jan (Friday)
4	Display of 1 <sup>st</sup> Attendance compilation	FE/SE/TE/BE	7th Feb 2018 (Wednesday) (For the period of 8 <sup>th</sup> Jan 2018 to 2nd Feb 2018)
5	Submission of Syllabus Completion report for first four week to HOD & Principal	FE/SE/TE/BE	8th Feb 2018 (Thursday)
6	Internal Assessment-I	FE/SE/TE/BE	5th Feb 2018 (Monday) to 9th Feb 2018(Friday)
7	Alumini Meet		10th Feb 2018 (Saturday)
8	Sports		10th Feb 2018(Saturday) to 14th Feb 2018(Wednesday)
9	Mahashivratri		13th Feb 2018 (Tuesday) (Holiday)
10	Display of Marks of IA-I	FE/SE/TE/BE	14th Feb 2018 (Wednesday)
11	Social Gathering		15th Feb 2018 (Wednesday)
12	Degree Distribution Ceremony 2018		15th Feb 2018 (Wednesday)
13	Chatrapati Shivaji Maharaj Jayanti		19th Feb 2018 (Monday) (Holiday)
14	Holi (2nd Day)		2nd Mar 2018 (Friday)(Holiday)
15	Display of 2 <sup>nd</sup> Attendance compilation	FE/SE/TE/BE	7th Mar 2018 (Wednesday) (For the period of 8th Jan 2018 to 2nd Mar 2018)
16	Submission of Syllabus Completion report for first eight week to HOD & Principal	FE/SE/TE/BE	8th Mar 2018 (Thursday)
17	DLQMC Audit-1		8th Mar 2018- Civil/Mech/Chem 9th Mar 2018-FE/Etrx/IT/Comp
18	Mahavir Jayanti		29th Mar 2018(Thursday)(Holiday)
19	Good Friday		30th Mar 2018(Friday)(Holiday)
20	Internal Assessment-II	FE/SE/TE/BE	9th Apr 2018 to 13th Apr 2018
21	Display of 3 <sup>rd</sup> Attendance compilation	FE/SE/TE/BE	11th Apr 2018 (Wednesday) (For the period of 8th Jan 2018 to 6th Apr 2018)
22	Submission of Syllabus Completion report for the period of 8th Jan to 6th Apr 2018 to HOD & Principal	FE/SE/TE/BE	12th Apr 2018 (Thursday)
23	Display of IA Average Marks	FE/SE/TE/BE	17th Apr 2018 (Tuesday)
24	DLQMC Audit-2		17th Apr 2018- Civil/Mech/Chem 18th Apr 2018-FE/Etrx/IT/Comp
25	HOD Submission and issue of Hall Tickets	FE/SE/TE/BE	19th & 20th April 2018
26	Oral /Pr Examination	FE/SE/TE/BE	23rd Apr 2018 to 2nd May 2018
27	Online Submission of IA/TW/Oral/Pract. Mark	SE/TE	24th Apr 2018 to 3rd May 2018
28	Commencement of theory examination	All Semester	8th May 2018 onwards
29	ILQMC Audit		30th May 2018 (Wednesday)



PRINCIPAL  
DATTA MEGHE COLLEGE OF ENGINEERING  
SEC. UR-3, AIROLI, NAVI MUMBAI-400708

Particular	All Semester
No. of Instructional Days	69
No. of Holidays	6

#### Mandatory for faculty

- 1 A Minimum of 40 Hr of Theory lectures should be conducted in the semester (for theory load of 4Hrs/week)
- 2 A Minimum 30 Hr of Theory lectures should be conducted in the semester (for theory load of 3Hrs/week)
- 3 A Minimum 10 Practical sessions should be engaged per batch.
- 4 Class Teachers/ Incharges should maintain the consolidated attendance of students and % of syllabus completion of the respective class.
- 5 HOD should conduct at least three (3) meetings with class/div incharges regarding attendance, course completion, and any other issues.
- 6 HOD Should conduct minimum two (2) meetings with the faculty, one before start of the semester & other before final submission.
- 7 Record of Remedial classes to be maintained by class/ div Incharge.
- 8 Parent-teacher meet for students having attendance less than 75% should be conducted during the 9th week of the semester.  
(Between March 5th to 9th, 2018)

Date :- 23rd Nov 2017

  
Dr. S.D. Sawarkar  
Principal

**PRINCIPAL**

DATTA MEGHE COLLEGE OF ENGINEERING  
SECTOR-3, AIROLI, NAVI MUMBAI-400708



**Datta Meghe College of Engineering, Airoli, Navi Mumbai**

Date: 07-Jul-2015

**Constitution of Institute Level Quality Management Cell (IL-QMC)**

The following members are nominated to IL-QMC:

Sr. No.	Name of the Committee Member	Designation	IL-QMC Position
1	Dr. S. D. Sawarkar	Principal	Chairman
2	Dr. S. R. Devane	Dean (Academics) & HOD (IT)	Member
3	Dr. H. S. Chore	Professor & HOD (Civil Engg.)	Member
4	Dr. K. S. Deshmukh	Professor & HOD (Chemical Engg.)	Member
5	Dr. R. R. Jaware	Professor & HOD (Mechanical Engg.)	Member
6	Mr. S. M. Patil	Asst. Professor & HOD (Electronics Engg.)	Member
7	Mr. A. P. Pande	Asst. Professor & HOD (Computer Engg.)	Member
8	Dr. A. V. Dubewar	Assoc. Professor & HOD (Humanities & Sciences)	Member
9	Mr. Vijay P. Thokal	Sr. Project Manager (Vodafone)  (Industry Expert)	Member
10	Dr. Vivek Sunnapwar	Director (L.T. College of Engineering)	Member (Educationist)

All the processes as given in IQMA Manual needs to be strictly adhered to.

Dr. S. D. Sawarkar  
**PRINCIPAL**  
DATTA MEGHE COLLEGE OF ENGINEERING  
SECTOR-3, AIROLI, NAVI MUMBAI-400708  
CC: All HODs  
Dean (Academics)



*PSYCHO SOCIO COUNSELLING REPORTS*

**COUNSELLING DATA FOR THE YEAR 2017-2018**

**DATA OF STUDENTS WHO HAD TAKEN THE SERVICES OF PSYCHO  
SOCIAL COUNSELLING AT AN INDIVIDUAL LEVEL FOR THE YEAR  
2017-2018**

Total no of visits made by students to the counselor: 119

Total no of cases for individual counseling: 23

**TABLE FOR DETAILS OF COUNSELLING SESSIONS AS PER THEIR RESPECTIVE  
DEPARTMENTS 2017-2018**

S.N O	DEPT	TOTAL NO OF STUDENTS	DETAILS OF STUDENTS	YEAR	DATE	NO OF SESSIONS
1.	HUMANITES	8	STUD 1 (ELEX)	F.E.B.E	11-09-2017	1
			STUD 2 (ELEX)	F.E.B.E	07-09-2017, 28-09-2017, 11-01-2018, 16-01-2018, 30-01-2018, 20-02-2018	6
			STUD 3 (CIVIL)	F.E.B.E	18-01-2018 I	1
			STUD 4 (CIVIL)	F.E.B.E	30-01-2018, 01-02-2018, 08-02-2018, 08- 03-2018, 20-03-2018, 27-03-2018, 12-04- 2018	7
			STUD 5 (MECH)	F.E.B.E	20-02-2018	1
			STUD 6 (IT)	F.E.B.E	17-05-2018	1
			STUD 7 (COMP)	F.E.B.E	12-04-2018, 07-04-2018, 09-04-2018.	3
			STUD 8 (IT)	F.E.B.E	03-10-2017	1
2.	ELECTRONIC S	4	STUD 1	B.E	06-07-2017, 20-02-2018, 03-05-2018	3
			STUD 2	S.E.B.E	20-07-2017, 25-07-2017, 27-07-2017, 08- 08-2017, 05-09-2017, 12-09-2017, 19-09- 2017, 21-09-2017, 26-09-2017, 28-09-	25

1



*Swastha Siddha Jena*

**COUNSELLING DATA FOR THE YEAR 2017-2018**

					2017, 03-10-2017, 05-10-2017, 06-10-2017, 02-11-2017, 23-11-2017, 07-12-2017, 19-12-2017, 09-01-2018, 23-01-2017, 30-01-2017, 20-02-2018, 27-03-2018, 19-04-2018, 24-04-2018, 17-05-2018	
			STUD 3	B.E	20-07-2017, 27-07-2017, 01-08-2017, 05-09-2017, 07-09-2017, 12-09-2017, 31-10-2017, 02-11-2017, 11-01-2018, 16-01-2018, 18-01-2018, 30-01-2018, 01-02-2018, 08-02-2018, 08-03-2018, 20-03-2018, 27-03-2018, 04-04-2018, 05-04-2018, 12-04-2018, 19-04-2018, 24-04-2018, 26-04-2018, 08-05-2018, 17-05-2018, 22-05-2018, 29-05-2018	27
			STUD 4	B.E	16-01-2018, 15-03-2018, 04-04-2018	3
3.	COMPUTERS	3	STUD 1	S.E.B.E	20-07-2017, 08-08-2017, 14-09-2017, 19-09-2017, 21-09-2017, 26-09-2017, 05-04-2018	7
			STUD 2	T.E.B.E	21-09-2017, 19-04-2018	2
			STUD 3	S.E.B.E	02-11-2017	1
4.	CIVIL	4	STUD 1	B.E	27-07-2017, 03-10-2017, 05-10-2017, 06-10-2017, 10-10-2017, 23-11-2017, 30-11-2017, 21-12-2017, 09-01-2018, 20-03-2018, 05-04-2018	11
			STUD 2	B.E	21-09-2017, 03-10-2017, 24-10-2017	3
			STUD 3	T.E.B.E	27-02-2018, 27-03-2018, 05-04-2018, 17-04-2018	4
			STUD 4	B.E	08-05-2018	1
5.	MECHANICAL	1	STUD 1	T.E.B.E	27-07-2017, 08-08-2017	2
6.	IT	1	STUD 1	B.E	01-03-2018, 15-03-2018, 27-03-2018	3
7.	CHEMICAL	2	STUD 1	S.E.B.E	02-11-2017, 14-11-2017	2
			STUD 2	B.E	03-05-2018, 15-05-2018, 22-05-2018	3

*Please Note : THE NAMES OF THE STUDENTS ARE WITHHELD FOR CONFIDENTIAL PURPOSE.*



