



## Yearly Status Report - 2018-2019

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>		DILKAP RESEARCH INSTITUTE OF ENGINEERING AND MANAGEMENT STUDIES
Name of the head of the Institution		K. Narayan Choudhary
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		02148-204064
Mobile no.		9112219854
Registered Email		sumaneducationaltrust@gmail.com
Alternate Email		dilkap.principal@gmail.com
Address		Dilkap College Mamdapur
City/Town		Neral
State/UT		Maharashtra
Pincode		410101

<b>2. Institutional Status</b>	
Affiliated / Constituent	<b>Affiliated</b>
Type of Institution	<b>Co-education</b>
Location	<b>Rural</b>
Financial Status	<b>private</b>
Name of the IQAC co-ordinator/Director	<b>Mr. Obed Ali Surti</b>
Phone no/Alternate Phone no.	<b>09890510780</b>
Mobile no.	<b>9892901641</b>
Registered Email	<b>obaid_surti@hotmail.com</b>
Alternate Email	<b>obedali.exam@gmail.com</b>

<b>3. Website Address</b>	
Web-link of the AQAR: (Previous Academic Year)	<a href="http://driems.in/student_corner.php?stu=42">http://driems.in/student_corner.php?stu=42</a>
<b>4. Whether Academic Calendar prepared during the year</b>	<b>Yes</b>
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="http://driems.in/academic_calender.php">http://driems.in/academic_calender.php</a>

<b>5. Accrediation Details</b>					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
<b>1</b>	<b>B+</b>	<b>2.62</b>	<b>2019</b>	<b>01-Apr-2019</b>	<b>31-Mar-2024</b>

<b>6. Date of Establishment of IQAC</b>	<b>08-Jan-2018</b>
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<b>7. Internal Quality Assurance System</b>
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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
<b>Conduction of spoken English Classes, Soft</b>	<b>07-Jan-2019 365</b>	<b>1400</b>

Skill training regularly for all students		
Establishment of Entrepreneur Development cell for students	04-Jul-2018 365	61
To organize Orientation Program for first year students	01-Aug-2018 1	43
Conduction of ICT Smart board training	13-Dec-2018 2	20
<a href="#">View File</a>		

**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
<b>No Data Entered/Not Applicable!!!</b>				
No Files Uploaded !!!				

<b>9. Whether composition of IQAC as per latest NAAC guidelines:</b>	Yes
Upload latest notification of formation of IQAC	<a href="#">View File</a>
<b>10. Number of IQAC meetings held during the year :</b>	4
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	<a href="#">View File</a>
<b>11. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	No

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

1) To organize different activities for various cells like Incubation cell, Entrepreneur Development Cell, Training and Placement Cell, Women Development Cell, Alumni cell, DLLE, etc. organize different committees like anti ragging committee, canteen committee, Grievance committee, etc

2) To act on Eco friendly measures and to conduct activities like Tree plantation, Health camp, Blood Donation, Swatchata Abhiyan, etc.

3) Working for NAAC accreditation and NAAC peer Team Visited on 29/03/2019 to 30/03/2019. Institute was accredited with B+ grade on 1st April 2019. (CGPA 2.62).

4) To arrange Spoken English Classes, Value added training certificate programs for students to improve their soft skill, personality development and to improve their technical knowledge.

5) Feedback from parents, teachers stake holders has been taken and Submitted to the Principal. Analyzed and action taken on it. Invited students and their parents for career counselling by experts from training placement and department level bodies

[View File](#)

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

Plan of Action	Achivements/Outcomes
Framing vision, mission core values of the institute	Discussion of Vision and mission of the college has been done Vision Mission Core values has been aligned.
IQAC body has decided to improve the overall quality of the college by undergoing NAAC Accreditation.	Institute was accredited with B+ grade on 1st April 2019. (CGPA 2.62).
To develop Entrepreneur Development Cell and to initiate innovative student projects	Entrepreneur Development Cell was established in August 2018
To provide remote access to e-resources of library	Remote access has been provided by DELNET ASTM
To increase the bandwidth of internet connection	Bandwidth has been increased from 10 MBPS to 50 MBPS
To decided on Eco-friendly measures to reduce energy consumption in campus	LEDs were used & SOLAR street lights are used where maximum consumption required
To conduct internal financial audit	Internal Financial Audit has been done.
To conduct various technical and extra curricular activities	Action was taken and Tree plantation, Yoga, Blood Donation Camp, Health Camp, swachata abhiyan, etc were conducted

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**14. Whether AQAR was placed before statutory body ?**

No

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

Yes

Date of Visit	29-Mar-2019
<b>16. Whether institutional data submitted to AISHE:</b>	Yes
Year of Submission	2018
Date of Submission	30-Sep-2018
<b>17. Does the Institution have Management Information System ?</b>	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>Finance is the backbone of any organization. Without finance no organization can function. As it is an important element for our Institute, hence it needs contentions monitoring also. To monitor it as per requirement and generate different reports Institute has a financial management system called "Vasundhara vision". It is software which is using Microsoft Windows Operating system as base for operating systems. It is also called "Vlib" software. This software is used from the starting of Admission of the students in the first year Engineering and direct second year Engineering admission. It creates a database for all students who obtain admission in our Institute in different semesters and different Institutes and keeps an eye on the fee collection of the students. As our Institute is in the rural part of Raigad District of Maharashtra state, hence our students and parents are not able to pay the full fees at the time of admission. As finance function is so important hence its receivable and payable are to be monitored very closely, hence manual method is not at all suitable for the same. The College fees due in particular month or particular week or particular semester can be obtained with this software. The scholarship record and the payment status of the scholarship are obtained. The data can be found year wise, semester wise branch wise and Institute wise. This helps us a lot to monitor the payment schedules. Many students provide us advance cheques to be credited in future dates, which is a tedious task for us to monitor and then depositing</p>

in banks for clearance. Many students are missing the receipts, which can be regenerated with a stamp that is a duplicate receipt. Many times students are not able to pay the College fees in that particular year due to their financial difficulties hence this software is helpful for us to find how much College fees are pending and who those students are. Which semester and which branches they are studying. Institute can generate the report and the same can be shared to the examination cell to find whether the students are applying to appear in the examination or not. The same data can be used by HsOD to monitor that students are attending the lectures or they did not get admission itself. The institute also has an online examination form filling system to monitor the student's details that are willing to be examined. Here this software is playing a vital role as students need to pay the admission fees and other related College fees before attending the lectures practical and appearing in the examination and admission process for students. The Vasundhara ERP system is integrating admission to fees collection examination and library related operation. It is helpful for no dues certificate generation and marks sheet generation, College leaving certificate generation, cancellation of admission, transfer of students from one Institute to other Institutes. The great fun is that it is very easy to operate and it is easy to learn also.

## Part B

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

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

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

The detailed process is as given below: ? Before the commencement of the Academic year, the University of Mumbai shares the guideline about the academic calendar, date of commencement of each semester, End Semester Examination, Oral/Practical Examination, etc. ? The academic committee consisting of the Principal and all HODs prepares the Academic Calendar for the next semester a month in advance. The Institute Academic Calendar is prepared and then distributed to the departments. ? HOD of respective department conducts the meetings with all the faculty members so as to discuss the teaching load distribution, the academic calendar, time table, course files preparation,

resource requirements, planning of industrial visits, seminar and expert / guest lectures, extracurricular and co-curricular activities. Laboratory manuals are prepared so that students can refer to practicals and correlate with theory. ? HOD calls for course allotment meetings, where the allotment is done based on the teacher's experience, skills, specializations, and likings.

Teachers are free to select new courses in order to expand their knowledge domain. The allotment is done a month in advance to enable them to prepare for the course delivery. This ensures a more enriched teaching-learning process. ?

Teachers are encouraged to impart the knowledge as per curriculum by using innovative ideas and different teaching methods such as assignments, discussions, workshops, seminars, industrial visits, apart from the traditional chalkboard and advanced teaching methods along with ICT technical methodology. ? The academic schedule is strictly followed and reviewed by IQAC periodically as per the university schedule and our academic calendar. ? All the faculty prepare detailed course files for the subject delivery which includes syllabus, subject notes, PPT slides, videos, animation, question banks, model answers. ? The progress of syllabus coverage report and students' attendance is monitored periodically by the HOD and a report is sent to the Principal. Before the Unit test I 40% of the syllabus is to be completed and 80% of the syllabus is completed before Unit test II. ? Due importance is given to project work. Every year students are given Mini Project and final year students are given Mega Project. ? Students are exposed to the latest developments and trends in the respective fields Industrial lectures and guest lectures by experienced personalities from industries, education, and research institutes, industrial/field visits are organized to ensure interface with industry. ? Parent coordination is the compulsory part for that parent is informed through the letter regarding the attendance and performance of their ward, once in a semester. A parent meeting is also conducted at least once a semester and feedback obtained is used as one of the measures for improving the teaching-learning process. ? Class teacher meetings are held by the Heads of the department to review the teaching-learning process, academic progress of the students, grievances (if any), and suitable remedial classes are conducted for late joiners, slow learners. Mentors are assigned for a group of minimum of 10 students to improve academic performance. ? In the academic year 2018-2019, successful visit of the NAAC peer team and received "B+ accreditation".

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

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
<b>No Data Entered/Not Applicable !!!</b>					

### 1.2 – Academic Flexibility

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

Programme/Course	Programme Specialization	Dates of Introduction
<b>No Data Entered/Not Applicable !!!</b>		
<a href="#">View File</a>		

#### 1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	Computer Engineering	09/07/2018
BE	Electronics and Telecommunication	09/07/2018

	<b>Engineering</b>	
<b>BE</b>	<b>Electrical Engineering</b>	<b>09/07/2018</b>
<b>BE</b>	<b>Mechanical Engineering</b>	<b>09/07/2018</b>
<b>BE</b>	<b>Civil Engineering</b>	<b>09/07/2018</b>

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

	<b>Certificate</b>	<b>Diploma Course</b>
Number of Students	<b>1148</b>	<b>Nil</b>

### 1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
<b>Spoken Skills Development Program</b>	<b>23/07/2018</b>	<b>277</b>
<b>Personality Development and Interview Technique</b>	<b>23/07/2018</b>	<b>120</b>
<b>Student development Activities (Communication skill, Stress Management, Time Management, Entrepreneurship Development, )</b>	<b>30/08/2018</b>	<b>365</b>
<b>Aptitude Skills Development Program</b>	<b>16/01/2019</b>	<b>330</b>
<a href="#">View File</a>		

1.3.2 – Field Projects / Internships undertaken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
<b>BE</b>	<b>Computer Engineering</b>	<b>165</b>
<b>BE</b>	<b>Electronics and Telecommunication Engg</b>	<b>27</b>
<b>BE</b>	<b>Electrical Engineering</b>	<b>169</b>
<b>BE</b>	<b>Mechanical Engineering</b>	<b>384</b>
<b>BE</b>	<b>Civil Engineering</b>	<b>319</b>
<a href="#">View File</a>		

### 1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained
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Feedback is an essential element of the learning process. The development of any institution heavily depends on a well-functioning feedback system. The DRIEMS collects feedback on various curriculum aspects and courses from different stakeholders such as the students, alumni, Faculty, Employers, and Parents. The Students' Feedback on curriculum and teaching-learning process and is designed to get formative feedback from students that can be used towards the improvements in the quality of course design and delivery, as well as student learning experiences. The students highly appreciated the academic-related infrastructural facilities such as the library, laboratories, playgrounds and other facilities. It is then analyzed and conveyed to the management as well as faculties. Suggestions, if any are put in the management meeting, and necessary actions are taken. Counseling of faculty having poor or satisfactory ratings is carried out by the Principal or by the Head of the Department to improve their performance. All internal examinations are conducted as per university guidelines. All the internal examination marks are analyzed by the subject in-charge and the students are graded according to the marks obtained. The student difficulties are received discussed and structured remedial classes are conducted in order to help the student progress. All the students are counseled by their respective mentors along with subject teachers. The institute involves teachers in the feedback system. All faculty feedback is taken once in a year, where the ways and means of enhancing the curriculum, infrastructure of the institute, academic discipline, Teaching-Learning process, Research and Extension activities, environment in the campus, facilities, administration policies etc. are debated and discussed. The appropriate suggestions are put forward to the respective departments for implementation. Every department conducts a Parent-Teacher meeting once every year. During the meeting, parents are made aware of their wards' attendance, academic performance for the semester as well as the various learning processes conducted in the institute. The feedbacks collected from the parents during the meeting are analyzed and suggestions given by parents are taken into consideration for further actions. In the parent-teacher meeting, they get aware of the industrial visit, internship project, placement, quality of teaching, student discipline, sports facilities, lab facilities, examination system, student activities such as transport, library, internet facilities, Wi-Fi, etc. The alumni are found to be the brand ambassador(s) of our institutions, the feedback of the alumni is taken during the alumni meet. This feedback is then analyzed. This analysis helps the institute in the overall development or improvement of the curriculum and institute. Various companies visit the campus of the Institute for the placement of the students. We take feedback from various employers. Based on this feedback, guest lectures, workshops, seminars, personality development sessions, aptitude tests are organized for students to make them ready for industry exposure.

## **CRITERION II – TEACHING- LEARNING AND EVALUATION**

### **2.1 – Student Enrolment and Profile**

#### 2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BE	Mechanical	180	118	118
BE	EXTC	Nil	Nil	Nil
BE	Electrical	60	69	69
BE	Computer	60	39	39
BE	Civil	120	71	71

[View File](#)

## 2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	1400	Nil	93	Nil	Nil

## 2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
93	93	2	27	5	6

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

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

A mentoring relationship is a very personal one, which is often important to the mentee. The mentorship program is dedicated to creating an environment for growth and development of the student to achieve their personal goals, professional ambitions, and academic excellence along with valuable campus resources and opportunities. In the institute wherein 15 to 20 students are assigned to a faculty member who acts as their mentor for the entire programme duration. As a mentor, get to know your students academic, research, professional, and personal goals, so you can help them in a way that meets their personal best interest. Mentors and Class Advisors counsel the students regarding their performance and schedule additional lectures/practical's. The meetings of mentorship are conducted every month, in which students meet their mentors for academic and personal issues. The students who have less attendance and who have missed their internal tests are paid special attention from mentors side. Even the students with many issues are asked to call parents for parents- mentor meetings. The mentor is also responsible to provide counselling to the student and provide guidance regarding personal and academic issues. Mentor advises the student regarding projects and industrial training also counsels and motivates them in all academic matters-direct or indirect. The mentor guides the students in taking up extra-curricular and co-curricular activities for value addition as a member of the society. A large number of students who perceive the professional course are quite focused, still, they may fall short of score to be promoted to the above sections. Such students are given counselling by the mentors and the subject teachers and remedial lectures are conducted. The mentors of the class discuss with each and every student individually and support them in all the possible ways to enrich their academic performance. The mentors contact the parents and educate them if required about their wards performance, and the academic programs of the college as well as the support system and the monitor system the student and parents.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1400	93	1:15

## 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
93	93	Nil	Nil	4

### 2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National,

International level from Government, recognised bodies during the year )

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
<b>No Data Entered/Not Applicable !!!</b>			
<a href="#">View File</a>			

## 2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BE	335324510	VIII/BE	24/05/2019	04/07/2019
BE	335337210	VIII/BE	24/05/2019	06/07/2019
BE	335319110	VIII/BE	24/05/2019	11/07/2019
BE	335361210	VIII/BE	24/05/2019	12/07/2019
BE	335329310	VIII/BE	24/05/2019	06/07/2019
<a href="#">View File</a>				

2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Assessment of Student performance is an important part of the teaching-learning process. We prepare an Evaluation Sheet according to the guidelines of the university in starting of the semester to assess the students. In this Sheet, we have different fields like Attendance, Assignments, Experiments, and Performance. We distribute the marks as 5 marks for Attendance, 5 marks for Assignments, 10 marks for student's Experiments, and 5 marks for performance (Term work 25 marks). Students perform their lab work once or twice a week. In this lab work, students perform the experiments and generate the output. We monitor their performance by this lab work. Apart from this, we conduct 2 Internal Assessment Tests, in which the 1st test covers a 40 syllabus, and the 2nd test covers the remaining syllabus. Average marks of these tests consider as final marks for the student's theory exam. In some subjects, mini projects also exist, in that case, we divide the project marks into different criteria like presentation, the status of the project, and attendance. Marks assigned in front of students to maintain transparency. There are 2 copies of the Evaluation sheets, one for students and others for the subject teacher. Final Year project evaluated on the student's performance and presentation by their internal guide and the project committee. The project committee advises the students about their improvements. Sometimes the project committee changes the topic of projects. Final internal marks assigned on the basis of the continuous progress of students.

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

The Academic Calendar prepared by the Principle of the institution before the commencement of each academic year. University gives us the guidelines regarding the date of commencement of each semester, term-end, oral practical examination, End of semester examination in terms of academic calendar circular. The academic calendar of the institutes prepare by the principal according to the university guideline and distribute to all the departments.

All the departments prepared their academic calendar according to the institute's academic calendar. In the departmental academic calendar, we mention the dates of commencement of theory/practical classes of all years, dates of internal assessment test, their results, departmental activities, mini/major project presentation, internal term work submission, conduction of oral/practical exams and term end date. In departmental activities, we conduct Guest lectures, Parents Teacher Meet, Industrial visit, Inauguration of the Association of student's committee. Subject Allotment has done by Head of Departments according to the subject choice and specialization. The faculty members prepare the Teaching plan before the commencement of the semester which is based on the academic calendar and indicating the topics to be covered on which dates and get approved by the head of the department. Faculty members also prepare the course file. The time table committee prepares the timetable according to the university's guidelines and load distribution and displays it on the departmental notice board.

## 2.6 – Student Performance and Learning Outcomes

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

[https://driems.in/degree\\_academics.php?dac=6&dd=255](https://driems.in/degree_academics.php?dac=6&dd=255)

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
335361210	BE	Mechanical Engineering	171	155	90.60%
335324510	BE	Computer Engineering	53	47	88.60%
335337210	BE	Electronics and Telecommunication Engineering	26	22	84.60%
335319110	BE	Civil Engineering	134	120	89.50%
335329310	BE	Electrical Engineering	54	36	66.60%

[View File](#)

## 2.7 – Student Satisfaction Survey

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

[https://drive.google.com/file/d/1fj8qHO3zno1wXtGTUjzNjjCgutF6\\_Eq0/view](https://drive.google.com/file/d/1fj8qHO3zno1wXtGTUjzNjjCgutF6_Eq0/view)

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year

Industry sponsored Projects	180	ATV Mumbai	1.2	1.2
Students Research Projects (Other than compulsory by the University)	360	Dilkap Research inst. Of Engg. Mgmt Studies	0.8	0.8
<a href="#">View File</a>				

### 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
Trade secrets	Mechanical and Civil	19/03/2018
Patents	Mechanical and Computer	14/09/2018
Copyrights	Civil and Mechanical	30/03/2019
Trademarks	All (Computer, Electrical, Civil and Mechanical)	12/04/2019

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
<b>No Data Entered/Not Applicable !!!</b>				
<a href="#">View File</a>				

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

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
<b>No Data Entered/Not Applicable !!!</b>					
<a href="#">View File</a>					

### 3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

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

Name of the Department	Number of PhD's Awarded
Science and Humanities (Chemistry)	1

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	ELECTRICAL ENGINEERING	1	7.2
International	COMPUTER ENGINEERING	5	7.2

International	MECHANICAL ENGINEERING	1	0
<a href="#">View File</a>			

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

Department	Number of Publication
NIL	Nil
<a href="#">View File</a>	

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

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
<b>No Data Entered/Not Applicable !!!</b>						
<a href="#">View File</a>						

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

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
<b>No Data Entered/Not Applicable !!!</b>						
<a href="#">View File</a>						

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

Number of Faculty	International	National	State	Local
Presented papers	2	Nil	Nil	Nil
Attended/Seminars/Workshops	Nil	1	Nil	Nil
<a href="#">View File</a>				

### 3.4 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Blood Donation	Extension activity cell	3	65
Yoga workshop	Extension activity cell	3	42
Tree plantation	Extension activity cell	10	70
Vrudhashram Visit	Extension activity cell	3	38
<a href="#">View File</a>			

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

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Blood donation camp	Appreciation Letter	Ayush Nursing Home, Neral	65
Yoga workshop	Appreciation Letter	DRIEMS, Neral	42
Tree Plantation	Appreciation Letter	Mamdapur, Grampanchayat	70
Vrudhhashram Visit	Appreciation Letter	Aadhar Vrudhhashram, Badlapur	38
Swachh Bharat	Appreciation Letter	Mamdapur, Grampanchayat	54
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Health Camp	Extension activity cell	Health checkup camp	4	35
Swachh Bharat	Extension activity cell	Swachhata Abhiyan	9	54
Vrudhhashram Visit	Extension activity cell	Vrudhhashram Visit	3	38
Jhade lava jhade jagava	Extension activity cell	Tree plantation	10	70
Yoga	Extension activity cell	Yoga workshop	3	42
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**3.5 – Collaborations**

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

Nature of activity	Participant	Source of financial support	Duration
IT skill	SE,TE, BE STUDENTS	DCODETECH IT Industrial training	3
System Integration and IT enabled services	SE,TE,BE students	OMEGA SYSTEMS	5
Internship	SE,TE,BE students	Homemakers	5
Workshop on updated technology	SE,TE,BE students	SYSTECH Computer Education	5
<a href="#">View File</a>			

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

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Internship	Student Exchange	SYSTECH Computer Education	04/02/2019	08/02/2019	11
Internship	Student Exchange	Homemakers	15/10/2018	19/10/2018	7
Internship	Student Exchange	OMEGA SYSTEMS	24/07/2018	28/07/2018	15
Internship	Student Exchange	DCODETECH IT Industrial training	18/07/2018	20/07/2018	12
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
DCODETECH IT Industrial training	18/07/2018	Provide free seminar and workshop and free internship for students on updated technology	35
OMEGA SYSTEMS	24/07/2018	Teach students System Integration and IT Enabled services and also give live projects to students	23
Homemakers	15/10/2018	Provide Internship opportunities and also provide placement assistant	30
SYSTECH Computer Education	04/02/2019	Provide free workshop on updated technology and free internship for students	48
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#### **CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES**

##### **4.1 – Physical Facilities**

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



Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
200	162.13

#### 4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Others	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Laboratories	Existing
Video Centre	Existing
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Class rooms	Existing
Campus Area	Existing
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#### 4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
V-Lib	Partially	1	2018

##### 4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	5446	1681265	Nil	Nil	5446	1681265
Reference Books	5741	1695011	41	16427	5782	1711438
Journals	49	134000	52	155121	101	289121
Digital Database	Nil	Nil	2	115854	2	115854
CD & Video	544	Nil	Nil	Nil	544	Nil
Library Automation	Nil	Nil	1	7500	1	7500
Weeding (hard & soft)	Nil	Nil	Nil	Nil	Nil	Nil
Others(s pecify)	7	11850	Nil	12428	7	24278
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
<b>No Data Entered/Not Applicable !!!</b>			
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#### 4.3 – IT Infrastructure

##### 4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	371	12	50	1	1	11	360	50	0
Added	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>371</b>	<b>12</b>	<b>50</b>	<b>1</b>	<b>1</b>	<b>11</b>	<b>360</b>	<b>50</b>	<b>0</b>

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

50 MBPS/ GBPS
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##### 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
ICT SMART BOARD_ELECTRICAL DEPARTMENT	<a href="https://drive.google.com/file/d/1quBZ3SEpZj-s0BZKu-k5G173GgsDxAtt/view">https://drive.google.com/file/d/1quBZ3SEpZj-s0BZKu-k5G173GgsDxAtt/view</a>
ICTSMART BOARD_SCIENCE AND HUMANITY	<a href="https://photos.google.com/share/AF1QipM51ArvAKJiuxFg32bLYVyEibA91a3pw2nOU12nmxmOTXl5WZ54oXFbZa8aT5SVJ3O?key=S0w0QnRILWNRZzYtOWE2cnVhTC10dHpGeTNLnmVn">https://photos.google.com/share/AF1QipM51ArvAKJiuxFg32bLYVyEibA91a3pw2nOU12nmxmOTXl5WZ54oXFbZa8aT5SVJ3O?key=S0w0QnRILWNRZzYtOWE2cnVhTC10dHpGeTNLnmVn</a>
ICT SMART BOARD_MECHANICAL DEPARTMENT	<a href="https://photos.google.com/share/AF1QipP58hrsfmP0gNgUtGT2GxYl_y61c5eHMkPF0fdZNf-kSydGDxrvalwjbqikMpgOrO?key=ay1WWFFELXNrRkZIZG10T3pNYzE5TDdlOzZ5VlJn">https://photos.google.com/share/AF1QipP58hrsfmP0gNgUtGT2GxYl_y61c5eHMkPF0fdZNf-kSydGDxrvalwjbqikMpgOrO?key=ay1WWFFELXNrRkZIZG10T3pNYzE5TDdlOzZ5VlJn</a>
ICT SMART BOARD_CIVIL DEPARTMENT	<a href="https://drive.google.com/file/d/1E3UFs02-Vlww3stnOP92Zc7qb_4J4ILW/view">https://drive.google.com/file/d/1E3UFs02-Vlww3stnOP92Zc7qb_4J4ILW/view</a>
ICT SMART BOARD_COMPUTER DEPARTMENT	<a href="https://drive.google.com/file/d/1rgHD-MI1Qa4r3h5WU2Yh6OoHfZc2L16Y/view">https://drive.google.com/file/d/1rgHD-MI1Qa4r3h5WU2Yh6OoHfZc2L16Y/view</a>
ICT SMART BOARD_EXTC DEPARTMENT	<a href="https://driems.in/degree_academics.php?dac=119&amp;dd=264">https://driems.in/degree_academics.php?dac=119&amp;dd=264</a>

#### 4.4 – Maintenance of Campus Infrastructure

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

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

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

DRIEMS has well-established systems procedures for maintaining physical academic and other support facilities such as infrastructure, Gymnasium and classrooms, etc. 1. Building Maintenance: The Institute has a dedicated housekeeping team for sweeping and maintaining cleanliness across all the areas of the premises. All the furniture and building infrastructure is maintained by Admin Dept. Fixed assets Audit by accounts department is carried out minimum once in a semester. 2. Security Access control Maintenance: The Institute has 24x7 security, CCTV surveillance facilities in the entire campus. The security guards screen the visitors and entry in visitors files maintain properly. We ensure proper all CCTV facility working. Mock drill exercise on usage of fire extinguishers amongst staff. 3. IT Infra Maintenance : The Institute has constituted IT Infrastructure Committee under requirement of all the PCs, Wi-Fi, Server, Router, routine replacement of cartridges for specialists for attending to major repairs of Scanners, printers, PCs, Laptops, etc. The Generators are properly working of electrical earth system. The Institute has maintained team for any service requirements. 4. Laboratory Maintenance: the correct functioning of all equipment and instruments are inspected and checked with the higher authority. They place order for expert s for repair /calibration as per the requirement and ensures correct functioning on continuous basis 5. Library Maintenance: Every student can avail 2 books and return within 7 days. Upon availability, they can avail facility of more books. For faculty 2 books per subject issued for entire semester. The Committee members visit regularly the Library, for ensuring and smooth functioning of library. In library all types of IS codes, important journals, e-books, question paper and question papers solution 6. Electrical System Maintenance: The Institute has constituted an Electrical Maintenance Committee under the leadership of HOD Electrical Department.It also ensures functioning of UPS, generators and correct working of electrical earth system. Institute provide 24X7 hrs. electricity in entire campus. 7.Canteen: The members of the canteen committee check by surprise on quality of the food snacks served because it acts as a mess also. To maintain hygiene, stainless steel equipments are used quality of food. The workers maintain discipline with dress code, swiping and maintain to clean environment throughout the day 8. Medical Facility : The first aid box is checked for sufficient availability of medicines by institutes doctors, once in week and the stock is replenished. The Institute has a 24 x7 ambulance and Doctor on call facility 9.Green Initiative: We believe that a clean, green and a pollution free environment provides a pristine backdrop for an effective learning experience. We have therefore left no stone unturned in the development of a green ecosystem to provide enrichment to the mind, heart and soul of the students.All the avenues and roads within the campus are therefore adorned with tall trees bearing emerald green leaves and beautiful flowers to create a homogenous feeling amongst everyone within the campus.

<https://driems.in/library.php>

## 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	Institutional Financial Relief	3	24640

Financial Support from Other Sources			
a) National	Rajarshi Chhatrapati Shahu Maharaj Shikshan Shulkh Shishyavrutti Yojna (EBC), OBC, SEBC, VJNT SBC Welfare Department, Social Justice and Special Assistance Department, Tribal Development Department	1076	41438414
b) International	NIL	Nil	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
1. Guidance for competitive examinations	14/09/2018	65	Mr. Sandeep Gaikwad
2. Career Counseling	03/08/2018	48	GATE Academy
3. Soft skill development	07/08/2018	178	Spoken English Classes by in house staff
4. Remedial coaching	18/02/2019	51	DRIEMS Teaching staff
5. Language lab	09/07/2018	521	DRIEMS faculty Mr. Haresh Wadhvani
6. Yoga and Meditation	21/06/2019	42	In house faculty
7. Personal Counselling	24/08/2018	428	In house
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2018	Competitive exams guidance	65	55	5	Nil

2018	GATE Academy	48	31	2	Nil
2018	Aptitude skill workshop and test	61	61	56	22
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

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

## 5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
5	167	7	10	543	12
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2018	1	DRIEMS	ELECTRICAL ENGG	Govt. College of Engineering, Karad	M.E./M.TECH
2018	1	DRIEMS	MECHANICAL ENGG	Pillai HOC Institute	MBA
2018	1	DRIEMS	CIVIL ENGG	VJTI	M.TECH
2018	1	DRIEMS	CIVIL ENGG	SNC Lavalin, USA	M.S.
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

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

Activity	Level	Number of Participants
MARATHI BHASHA GAURAV DIN	INSTITUTE LEVEL	860

CHHATRAPATI SHIVAJI MAHARAJ JAYANTI	INSTITUTE LEVEL	1260
CRICKET	INTER COLLEGE	11
KURUKSHETRA 2019	INSTITUTIONAL LEVEL	950
FOOTBALL TOURNAMENT	INTER	16
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### 5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	NIL	National	Nil	Nil	0	0
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The institute strongly believes that student involvement is necessary for the overall progress of the institute. Institute always supports and encourages active participation of students through student councils. The members are selected through the interview process as per university rules and regulation. Applications are invited from the willing students. Student Council selection in 2018-19 was based on their academic performance and strong communication skills. After selection of members, one of the students is nominated for General Secretary (GS) and one of the girl students is nominated as Ladies Representative (LR). The selection process of Cultural committee and sports committee coordinators is conducted every year. This student council actively works for different activities conducted in the institute. The institute has formed following academic and administrative committees which have student representatives: • Student council • Anti-ragging committee • Women's Development Cell • SAE Committee • Sports committee • Cultural committee • Training and Placement Committee • Electronics and Telecommunication Engineering Students Association(BETA) • Computer Engineering Students Association(CESA) • Mechanical Engineering Students Association(MESA) • Electrical Engineering Students Association (EESA) • Civil Engineering Students Association (FORCE) Student Council: The composition is as follows: • General Secretary(GS) • Cultural Secretary(CS) • Sports Secretary(SS) Various co-curricular, extracurricular and cultural activities are organized by the student council members along with the faculty coordinators. Students play administrative role in following activities: Annual social gathering "ZEALOUS" Institute Level Technical Event Project poster exhibition Food Committee Student Volunteer Committee Workshops, Seminar and guest lecturers organized under banner of Student forum. Treasurer ensures proper financial management of the Student Body corpus so that various student activities can be conducted smoothly. Council Members and the teams together strive hard to ensure that co-curricular and extracurricular activities get an enriching and memorable experience during their tenure at DRIEMS. Sports secretary look after the all administrative part of annual sports activities along with members from each department under the guidance of sport director. The student council is responsible for following activities. Conduction of annual sports and cultural events Techfest Publication of institute Magazine Annual social gathering Blood donation Tree plantation

### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Dilkap Alumni Association is established in 2014-2015 and registered in 2019 with registration number MH16/2019 (Thane). All passed out students of the institute become life member of alumni association. The association helps in building up the network of the alumni. In last 4 years more than 5000 students have graduated from DRIEMS. Many of them are working in India and abroad in well reputed organization. The senior alumni members those who are working at higher post in the industry are backbone for the development of DRIEMS. They are contributing by various means, like to conduct technical seminars, to recommend DRIEMS students for the placements and to give the feedback and suggestions for the improvement of the institute. Alumni association acts as the bridge between alumni and the institute. The association organizes the alumni meet annually. The meet gives platform to alumni for giving suggestions through formal or informal interactions.

5.4.2 – No. of enrolled Alumni:

19

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni meet was arranged on 16th March 2019 for alumni of all previous batches. This was our 5th alumni meet. Alumni meet schedule was as follows: Alumni meet started with lunch. We arranged games for alumni students after lunch. One of our alumni gave guidance seminar for competitive exams to current students. He himself has passed civil services examination and therefore, he guided students about UPSC, MPSC exam and how to prepare for it. One of the alumni who passed GRE and had planned for MS also interacted with current students and gave them guidance about MS. Alumni who were working in industries, shared insights into current technology trends in industry. They guided current students regarding campus interview preparation. They also shared best online resources which students can use for preparation of aptitude exams. Overall, the juniors interacted with alumni and alumni happily gave them all the suggestions and guidance. The alumni meet ended with alumni sharing their funny anecdotes during their college days. They all cherished the memories and danced and sang to music arranged for them.

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

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

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

The success of an institution is the result of the combined efforts of all who work towards attaining the vision of the institution. Right from the Chairman of the Management Committee to the staff and students, all the stakeholders have a role to play in building of the college. Two practices of decentralization and participative management during the last year are as follows. The college works with aim of attaining the academic excellence through quality education and inculcating all possible soft skills in the personality of the students. The college plans for all such implementations through conducting regular spoken English and aptitude classes for better development of student we help students to communicate successfully in the many different situations that they will encounter at the workplace. The classes are coordinated by a faculty nominated by the principal. The course is planned for

students to improve their grasp of the English language and develop good communication an aptitude skill before their job placements so the classes are conducted on regular basis and the progress of the students is evaluated by regular conduction of aptitude test, group discussion and through debate. DLLE (Department of lifelong learning and extension) The Extension Work activities and the field projects are monitored through the faculty Coordinators and principal. The college students are enrolled for extension work projects and perform various activities for the social awareness based on various issues / problems in the society such as Save Girl Child, Pollution, Aids, Global Warming, Environment, Tree Plantation, Importance of Education, Illiteracy, Child Labour, Dowry Deaths, Malnutrition, Watershed Management and so many. The students are creating awareness about these social problems / issues through various activities such as Street Play, Exhibition, Poster Making, Songs, Speech, Survey, Elocution, Seminar Conferences under this extension programme.

IQAC: The Internal Quality Assurance Cell was established before NAAC 1st cycle, we have restructured IQAC recently as per NAAC New norms. All committees formed have decision making authority about matters coming under their scope.

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

Yes

## 6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Library, ICT and Physical Infrastructure / Instrumentation	? As a library, ICT and physical infrastructure are very much needed for quality teaching and learning, the institution always needed the quality all these things. Strategic measures are undertaken by the college for maintaining facilities. ? The library has books for competitive examinations and these books are issued for reading purpose to the students preparing for various competitive and other examinations. ? Students have open access for e-books and NPTEL videos forextra learning. ? The laboratories are upgraded and instruments are purchased in keeping with the requirements of the learners. ? The institute provides the adequate ICT facilities, Wi-Fi, LAN and smart boards for effective teaching and learning. ? Well-equipped Gymkhana and Auditorium with modern facilities are provided.
Research and Development	? Institute having Research and Development cell which monitors the researchactivities carried by the students and faculty. ? The institute support and promotes faculty and students and provides financial support to attend variousactivities like seminars, workshops, guest lectures, orientation programs,STTP FDP etc. ? Training and Placementcell takes care



of skill development and entrepreneurship development among the students by organizing various programmes. ? The Institute encouraged the faculty for pursuing higher education and grants, study leave, duty leaves whenever applicable.

**Examination and Evaluation**

? Examinations are scheduled as per prescribed University time table and planned well in advance to ensure smooth conduct of exams. ? Faculties of the college are involved in the process of paper setting, evaluation of answer sheets and moderation of university paper and invigilation of papers ? Moderation was carried out by teachers from other colleges ? The institute conducts two Internal Assessment Tests of 20 marks each and average marks for both the assessment considered as internal marks also term work is given on basis of subject scheme and performance during practical and tutorial session for this continuous assessment is done so the submission of assignments and journals is part of continuous assessment. ? Result Analysis is done after result display.

**Teaching and Learning**

? For the quality improvement in teaching and learning and for effective implementation in the institute, Academic calendar is prepared by referring the academic calendar of university of Mumbai. ? All the faculty member makes teaching plan for their respective subject. ? All faculty member maintains their course file for their allotted subject. ? Lectures and tutorials are conducted as per the workload allotted. ? Guest lectures are arranged by experts from academics and industry ? Teachers give regular assignments, tutorials and mini projects to students. ? To increase the effectiveness, ICT enabled class room are provided ? Entire campus is Wi-Fi enabled which promotes the habit of self-learning among the students. ? 100 percent coverage of syllabus is achieved ? Library collection upgradation ? upgrading laboratories and safety devices. ? Extra lectures are arranged for slow learner.

**Curriculum Development**

? The Institute is affiliated to University of Mumbai and followed the syllabus and curriculum prescribed by the University ? At the beginning of

each Academic year the University of Mumbai gives an Academic calendar with the guideline about the date of commencement of each semester, End of Semester Examination, Oral/Practical Examination, and vacation slot etc. Accordingly, in meeting of Principal and respective HOD the Institute Academic Calendar is prepared and then distributed to the departments ? Teachers are encouraged to impart the knowledge as per curriculum by using innovative ideas and different teaching methods such as assignments, discussions, workshops, seminars, industrial visits, apart from traditional chalk -board and advanced teaching methods along with ICT technical methodology. ? In supplement to the prescribed curriculum, students are exposed to the latest developments and trends in the respective fields by arranging guest lectures expert lectures by experts from industry and industrial/field visits are organized. Periodical feedback is obtained from the students on aspects of teaching-learning process ? students are taken on industrial visits for getting updated with industry. ? Students are also taught yoga, mental health awareness and healthy diet.

Human Resource Management

? For the recruitment process Vacant positions are filled by contractual appointments made by the management so smooth functioning of the Institution is not hampered. The Head of department provides the requirement of human resource according to load prescribed by the University to the Principal. The Principal forwards the requirement and takes approval from the Management. ? There are adequate welfare measures for all. A transparent mechanism exists so all are aware of their duties and responsibilities.

Industry Interaction / Collaboration

? Our training placement cell continuously strives for networking with industries for placements internships. The Institute has signed MOU with many reputed companies. These MOUS are signed for mutual benefits, mainly for value added courses, Certification courses, internships etc. ? The guest lectures from industry experts are arranged to improve industry interaction/collaboration. It

also comprises industry internships for the students, during vacation. The institute takes feedback of students from various recruiters to upgrade the quality of the students. ? The Training and Placement cell provides placement opportunities for pass out students also by arranging on-campus and off campus drives

**Admission of Students**

Admission process are in accordance with the sanction in take capacity Government rules and it is completely controlled and implemented by Directorate of Technical Education (DTE) Maharashtra through Centralized Admission Process(CAP). The eligibility is to qualify Common Entrance Test conducted by DTE Mumbai and Direct Second year admission is conducted by DTE Mumbai and all the university rules are followed while admitting the students. Admission process is transparent and computerized.

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

E-governance area	Details
<p><b>Planning and Development</b></p>	<p>? College website is systematically updated with all the information required for admission, scheduling time table, exam dates concession dates. ? The academic calendar is available for each department for proper planning of the teaching plan, cultural event, examinations, evaluation and outcome of it. ? The College has a Biometric system where teaching and non-teaching staff have to punch in and out while entering and leaving the Campus. This ensures scheduling and time management for various activities.</p>
<p><b>Administration</b></p>	<p>? ERP based activities are used for administrative purpose</p>
<p><b>Finance and Accounts</b></p>	<p>? Finance and accounts section use Tally and excel for carrying out various accounting activities. Majority transactions are now conducted through e banking online process to ensure speed, better security and monitoring.</p>
<p><b>Student Admission and Support</b></p>	<p>? admission process is done as per the norms of AICTE, Government of Maharashtra rules and regulations. The admission is carried out through CAP rounds. ? Scholarship and free ships are given to students who are eligible for as per the government rules. ? For overall personality</p>

	development the institute supports the students throughout their course through grooming them with aptitude/ spoken English classes. ? Different extension activity is also carried out under DLLE to develop the sense of responsibility among students towards society. ? The financial weak students are allowed to pay fees by the installments.
Examination	? Examination is conducted as per the norms and scheme received from Mumbai university ? The College has the separate Examination department with necessary tools for examination purpose. ? As per the requirement of Examination department all the necessary equipment's are provided by the college also the examination cell has separate room and Internet Facility for online procedure of Paper Downloading, ? students are provided with the facility to select department level and institute level subject electives as per their choice. ? Result analysis is carried out after the display of result

### 6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	Prof. Deepali Yeole	Workshop on rules and regulation of library professional	NA	400
2019	Prof. Reetika Sharan	Environmental awareness and management	NA	350
2019	Prof. Deepali Patil	Environmental awareness and management	NA	350
2019	Prof. Ritika Soni	Environmental awareness and management	NA	350
2019	Prof. Rashmi Chaudhari	Environmental awareness and management	NA	350
2019	Prof. Avik Sarkar	Environmental awareness and management	NA	350

2019	Prof. Balram Yadav	Environmental awareness and management	NA	350
<a href="#">View File</a>				

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

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	workshop on solar technology( utilization of solar energy)	NA	02/08/2018	02/08/2018	10	Nil
2018	Soft skill development	Soft skill development	11/08/2018	11/08/2018	72	15
2018	Workshop on reasearch methodology and writing	NA	29/09/2018	29/09/2018	45	Nil
2019	Training on fire and safety measures	Training on fire and safety measures	13/10/2018	13/10/2018	65	18
2019	NA	MS Excel and advanced MS Excel traning	12/01/2019	12/01/2019	Nil	20
2019	workshop on Ansys	NA	12/04/2019	12/04/2019	18	Nil
2019	NA	Training on LAB equipment cleaning and handling	27/04/2019	27/04/2019	Nil	9
<a href="#">View File</a>						

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
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Orientation for TE/SEM VI/ system programming and complier construction and system software lab	1	09/01/2019	09/01/2019	1
Orientation for microprocessor and lab at TSEC college	1	18/07/2018	18/07/2018	1
Database management system(CSC 502) and database and information system LAB(CSL 503) for 5th SEM computer engineering	1	18/07/2018	18/07/2018	1
Orientation for advanced power electronics for SEM 5th Electrical engineering	1	18/07/2018	18/07/2018	1
Orientation for TE/SEM V/ Advanced operating system	1	17/07/2018	17/07/2018	1
Orientation for TE/SEM V/ multimedia system	1	13/07/2018	13/07/2018	1
Orientation in computer network and computer network lab	1	12/07/2018	12/07/2018	1
Orientation for TE/SEM V/ environment engineering	1	06/07/2018	06/07/2018	1
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
9	84	Nil	36

### 6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
PF, free transportation services, free accommodation, Vacation leave, Medical leave, Maternity leave, Study leave, Compensatory Off, Casual leave, OnDuty leave, Subsidized Canteen facilities with proper hygiene and Providing one week paid leave for Self marriage.	PF, free transportation services, free accommodation Vacation leave, Medical leave, Maternity leave, Study leave, Compensatory Off, Casual leave, OnDuty leave, Subsidized Canteen facilities with proper hygiene and Providing one week paid leave for Self-marriage.	Government Scholarship, Institutional scholarship, cash prize to university ranker

## 6.4 – Financial Management and Resource Mobilization

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

Institutional Internal Audit- Yes The institute's accountants are audited regularly- while the "internal" auditing is on annual basis. During the internal audit, the internal accounting team may give few suggestions related to some of the finance and stock-related records, giving an opportunity to the institute to address and rectify the same before external audit.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
NIL	0	0
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6.4.3 – Total corpus fund generated

750000

## 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	External authorities (Principal, HODs from reputed college)	Yes	Principal
Administrative	Yes	External authorities (Principal, HODs from reputed college)	Yes	Principal

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

Parents meeting is arranged department wise for mutual benefits ? To improve

performance of the students ? To improve attendance and discipline. ? Parents are invited for convocation ceremony.

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

? Workshop on Digital Transformation – Paperless Office Administration conducted on 21 January 2019. ? The general health check-up and awareness camp is also arranged in the campus for all teaching and non-teaching staff members. ? Workshop on communication and soft skill development is arranged.

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

? Motivating/facilitating the faculty for intensive application of I.C.T. ? To invite talk on guidance for competitive examinations and career counseling by experts through training and placement cell. ? To develop and implement strategic plan for next five years of the institute. ? Proposal for international training and placement cell to prepare students for global opportunities.

#### 6.5.5 – Internal Quality Assurance System Details

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

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

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	Reframing Vision Mission of College	08/01/2018	08/01/2018	30/12/2019	1400
2018	EDP cell	09/07/2018	09/07/2018	31/05/2019	61
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### CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

#### 7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Guest Lecture on GATE Preparation	10/07/2018	10/07/2018	118	35
Workshop on Solar Technologies	14/01/2019	18/01/2019	145	85
Competitive exam guidance by bansil	24/10/2018	24/10/2018	65	36
Workshop on ICT Smart Board	13/08/2018	26/10/2018	126	75



Seminar on U G fellowship	22/10/2018	22/10/2018	121	46
Carrier counselling	08/03/2019	08/03/2019	139	45

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

Percentage of power requirement of the University met by the renewable energy sources
Percentage of power requirement of the College met by the renewable energy sources Average Power Consumption: - 15000 kWh per month Details of LED bulbs in use: - 10 LED Lamps of 18 W each, 8 LED lamps 9 W each, 20 Tube Lights each of 40 W Light energy consumption met by LED bulbs: 10.52 kWh per month where utilization of LED's estimated for 10 hours with monthly sharing reduction is 0.07 and total Percentage of Annual Lighting Power requirements met through LED bulbs: 0.84

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	2
Provision for lift	No	Nil
Ramp/Rails	Yes	1
Braille Software/facilities	No	Nil
Rest Rooms	Yes	Nil
Scribes for examination	Yes	Nil
Special skill development for differently abled students	No	Nil
Any other similar facility	Yes	Nil

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	1	1	09/07/2018	250	Bus facility	Faculty and students	120
2018	1	1	05/09/2018	1	Medical camp	Nearby Village	296
2018	1	1	08/02/2019	1	DLLE	Swachh bharat abhiyan	130
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
HR POLICY	20/08/2018	<p>This Handbook is available Discrimination in legislation and procedures to be applied to control the administration of Workers participating in Various amounts in Institutes.</p> <p>Such policies and extension of procedures from the recruiting of the numerous categories the description of employees and their responsibilities. This is what we are talking about. The handbook also sets the Job terms and conditions Service conditions of Staff hired by Other post. Evolution of Handbook is intended for institutionalization of Community of organization respecting the underlying Human and human beliefs Promoting activities Spirit of the squad, popular accountability and participatory engagement</p> <p>It works here. it anticipated the workers adhere exclusively to Regulations and laws Stated here.</p>

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Teachers day Celebration on Dr.S.Radhakrishana Jayanti	05/09/2018	05/09/2018	110
DR. A.P.J. KALAM BIRTH ANIVERSARY	15/10/2018	15/10/2018	55
Youth Festival on Swami Vivekanand Jayanti	12/01/2019	12/01/2019	120
Chhatrapati Shivaji Jayanti	19/02/2019	19/02/2019	220
Sports Fest	11/03/2019	13/03/2019	200
Zealous	13/03/2019	15/03/2019	1150
convocation	16/03/2019	16/03/2019	186

Dr Babasaheb Ambedkar	14/04/2019	14/04/2019	75
Womens Day Celebration	08/03/2019	08/03/2019	25
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#### 7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

The College conducted Green Audit programs for the maintenance of Ecosystem and environmental management changes in campus, and Gender equality for the purposes of raising gender awareness among the student. 1. Tree planting activity was carried out. 2. Built LED lighting where the consumption of energy is high. 3. Rainwater harvesting system is developed for increasing ground-level water. 4. Minimum usage of papers by replacing it with digital methods. Like Emails and SMS. 5. Switch off lights/fans to save electricity on campus when not needed. SwachhtaAbhiyan conducted by students involves cleaning of Neral Railway station for creating awareness among people about keeping the area clean and adopt the Plastic Free Campus policy to reduce plastic waste on campus, focusing in particular to reduce plastic bottles, plastic straws, and eventually remove them, packaging of utensils and disposable food. In addition, the plastic cups and plates are replaced by steel or Paper cups and paper plates. Also, Students in the first year created awareness of the environmental risks of plastics in the Mamdapur area along with Staff and Gram Panchayat members. DLLE volunteers have organized Street play, rally in the vicinity, and distribution of clothes to the needy.

#### 7.2 – Best Practices

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

Best Practice-I Title of the Practice Conduction of Spoken English Objective of practice to enhance communication skill 3. The context as after graduations, students are not able to speak fluently even though they are technically well. So, to Build up their Confidence and Enhance their communication Skills Spoken English Lectures are conducted every year for Final Year students. The practice Spoken English Lecture is conducted every year for all final Year Students. The Lectures are conducted by the in-house faculty. The Students are split up in the Batches of 20. Best Practice-II 1. Title of the Practice DEPARTMENT OF LIFELONG LEARNING AND EXTENSION (DLLE) AND EXTENSION ACTIVITIES AT DILKAP 2. Objectives of the Practice The objectives of Lifelong and Extension are outline below for making education relevant to real life situation: To act as a focal agency in the University system for all lifelong programmes and to provide academic and technical resource support for community-based activities in collaboration with universities departments and colleges. To serve as an intellectual intervention in the community's living problems which need to be overcome through an educational process. To develop among students a sense of responsibility towards society. To design programs that will help students to face life and its challenges and thus create an ambience for a learning society. To prepare students for a greater social commitment. To enhance student employability skills. 3. The Context: It is a platform for students to enhance their industrial skills, entrepreneurship development, and leadership quality. Students participated actively in the co-curricular activities (Udaan Festival) conducted by DLLE department of Mumbai University. 4. The Practice: Projects are allotted to Students 5. Evidence of Success: An entry into the world of work. Practical-experience Opportunity to try out a career Benefit of ten additional marks A certified Project Report that can be shown at the time of a job interview Work-experience certificate.

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

institution website, provide the link

[http://driems.in/student\\_corner.php?stu=45](http://driems.in/student_corner.php?stu=45)

### 7.3 – Institutional Distinctiveness

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

**Introduction:** The mission of the Institute speaks of employability for students. **Brief Explanation:** The Institute in the recent past has established a methodology where each student will be assigned to Work in a startup organization for an internship during his vacation period. Hence DREAMS began to connect with several industries in and around so that our students can avail an opportunity to know the working of the industry with practical training and hence by bridging the gap between the requirements of the industry and the academic achievements For example M/s Poshs Metals Industry is one of the several industries the institute has collaborated with an MOU / LOI for educating our students in terms of work standards and dealing with day to day problem-solving methodologies according to their needs such as Level of supervision or quality standards, etc. **Resources Required:** The students also will undergo extensive training in classroom learning, Presentation of seminars. Working on realistic projects and Analysis of technical data. **Utilization:** The process of internships Projects and working on technical innovations begins with the third year and the last year students which can transform a student ready to go into action for working in the industry Our students can expect employability in their interested field or other related organizations. **Evidence of Success:** four-wheeler projects get special sponsorship from AVT Mumbai. Three Suggestions Technology is another organization that has mastered an Institute Excellence in 3D printing training for students and provides the benefits to select people following theoretical training and realistic production items, following final placement with paid internship. PBI training has access to the areas IOT, VLSI game production, embedded systems, robotics, mechatronics, control systems, and employee guarantee training, as well as internship and final placing of the Students. CADD Centre Thane Branch always is interacting with students about the new technologies like the Electric Vehicle Design Procedures. Use of Ansysis software in analysis projects etc.

Provide the weblink of the institution

<https://driems.in/about.php#Chairman>

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

Institute will focus on value addition in academic and non academic activities. In this regard we will be organizing various activities to develop skills, knowledge of the students. The academic side expert lecture will be organized by inviting Industrial experts and in the non academic areas we will invite the Human Resource personnel from different Organization / Industries to understand the requirements of Industries. We will conduct mock interviews to assess the employability of our students. Based on the result of mock interviews a separate training will be organized from the experts to hone their skills to face result oriented interviews. Our Placement department will be more focused on such value addition activities. Our faculty members will be identifying the path of project based learning and the same will be imparted to our students.