Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	**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.	**02148204064**
Mobile no.	**8291727235**
Registered Email	**sumaneducationaltrust@gmail.com**
Alternate Email	**dilkap.principal@gmail.com**
Address	**Dilkap College Mamdapur**
City/Town	**Neral**
State/UT	**Maharashtra**
Pincode	**410101**

2. Institutional Status

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

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://driems.in/download/AQARreport2018-2019.pdf

4. Whether Academic Calendar prepared during the year

Yes

if yes,whether it is uploaded in the institutional website: Weblink :	https://driems.in/academic_calender.php

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**B+**	**2.62**	**2019**	**01-Apr-2019**	**31-Mar-2024**

6. Date of Establishment of IQAC

08-Jan-2018

7. Internal Quality Assurance System

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
Conducting Career counseling session for	**15-Oct-2019** **50**	**100**

students		
Preparing college newsletter	19-Aug-2019 365	1192
Conducting Centralized Unit test	19-Aug-2019 365	1192
Establishing new International training and placement cell for students	08-Jan-2019 365	1192
Deciding on ECO friendly measures (SOLAR Implementation)	08-Jan-2019 365	70
Increasing Bandwidth of internet from ten Mbps to fifty Mbps	08-Jan-2019 365	1192
Tree Plantation	05-Jul-2019 01	35
Social Activities conducted for the society (Adivasi Vikas Ashram, vrudhaashram, Health Camp & grocery Distribution)	26-Sep-2019 05	220
Internal Marks distribution & Online exam conduction on the basis of SOP provided by University of Mumbai for promoting students due to CoVID	28-Sep-2019 15	1192
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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
Institution	NA	UGC	2020 0	0
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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	[View File](#)
10. Number of IQAC meetings held during the year :	**4**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional	**Yes**

website	
Upload the minutes of meeting and action taken report	[View File](#)
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

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

Online Examination International Training Placement Centralized Internal Assessment Encouraging Eco Friendly Issues (SOLAR Implementation and Tree plantation) Social Activities

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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
To submit AQAR	Submitted
To conduct FDPs/ Webinars	Conducted
To do MOUs	Done
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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 ?	**No**
16. Whether institutional data submitted to AISHE:	**Yes**
Year of Submission	**2019**
Date of Submission	**15-Apr-2019**
17. Does the Institution have Management Information System ?	**Yes**
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	**Educational Management information system is nothing but controlling, managing, processing, gathering information, analyzing and decision making in an educational system. Based on this few modules are described**

Module 1: Teaching learning Module. This module contains the student's attendance which is maintained by the subject teacher. Assignments are given to students which are submitted by the students in a timely manner. The syllabus is shared to the students and proper monitoring of syllabus completion is done regularly. All the details are shared to the students and parents via messaging. Module 2: Mentoring Module. A Mentor is assigned to every batch consisting of 20 students for their counseling and guidance. The student can take the help of the mentor anytime during the academic year. Module 3: Administration and Accounts Module. Proper files are made for every student year wise, class list are updated yearly. Student's scholarship details are updated and their fees collection is done in the accounts section. Based on the ERP software a financial management system "Vasundhara Vision" is used which acts as a database for the collection of fees of all the students. The software is also called as VLIB, it is a windows operating system. Daily Attendance of Staff members, Entry and exit of staff members, leaves, Vouchers, Staff salary, staff Appointment orders, joining of staff members are properly maintained in the administration section. Individual files for every staff members are maintained. Module 4: Library Module. This module gives information of the books issued and returned by the student and the staff members. A muster has been made for the entry and exit of every person. It gives information of the books transaction details. Library card is made for every individual and feedback is also taken by the staff and students. Module 5: Examination Module. University results are declared and stored in the exam section also the results are displayed on the college website so that the results are seen by the students and their parents Module 6: Communicating and Feedback module. Proper communication is done with the students and their parents at regular intervals. Notices and circular are also sent to the students via messaging. The head of every department ensures that proper communication is

done. Emails are also send among the students and staff members for communication. Feedback is taken by each and every student regarding the subject, staff and department. Module 7: Training and Placement. In campus interviews are conducted for placements. The Training and Placement Officer directly communicate with the students whenever required. Student selected in any company are notified on immediate basis via messaging. Resume writing sessions are also conducted for the students. Information regarding placements are also displayed on the notice board for the students.

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 institute is affiliated to the University of Mumbai and follows the curriculum prescribed by the university in a systematic way: ? In academic year 2018-2019, successful visit of NAAC peer team and received "B+ accreditation". This achievement created enthusiastic and educative milestone for our institute for conquering more successful path in future. ? Before the start of every academic session, Principal conducts meeting with Heads of all the Departments and finalize the Academic Calendar in alignment with the university schedule. ? Subjects are allocated to the faculty based on their subject expertise and interests well in advance. ? Time table for every semester is prepared by the respective Time Table coordinators of various departments in consultation with the HODs, and the load distribution is informed to the Principal. ? Teaching plan and the assignments for the semester are prepared by the respective subject in charge before the start of the new semester. ? Course Objectives and Course outcomes of the subjects in accordance with the university prescribed syllabus are decided by the respective subject in charge in consultation with the HOD. ? Course files are maintained by faculty members which contains Academic calendar, Individual timetable, Teaching plan, Assignments, Class test question papers, University question papers, question banks, Quiz, Performance details etc. ? In addition to traditional teaching methods, video lectures, NPTEL lectures, OHP, power point presentations, projects, case studies, surveys, ICT technical methodology, assignments, discussions, workshops, seminars, industrial visits, etc. are being conducted. ? Guest lectures by experienced personalities from industries, education and research institutes, industrial/field visits are regularly arranged to bridge the gap in the prescribed curriculum. ? Before the commencement of Academic year 2019-2020, the University of Mumbai shares the guideline about the Revised syllabus and scheme for 2019 of First Year Engineering (Sem I and Sem II) as per AICTE model curriculum from the academic year2019-2020. ? For a student to get accustomed to the new environment of a college and to create a bonding between the teacher and a student; 5-day student Induction program was conducted by Institute as per guidelines by Mumbai University for First Year Engineering students. ? The academic schedule is strictly followed and reviewed by IQAC periodically as per university schedule and our academic calendar. ? Centralized Unit Test is

implemented from this year instead of department wise. ? Parent meet is conducted at least once in a semester and feedback is used as one of the measures for improving teaching learning process. ? To review the teaching-learning process; meetings with class-in charge are held by the Heads of the department, academic progress of the students, grievances (if any), and suitable remedial classes are conducted for late joiners, slow learners. Mentoring is implemented with a group of minimum 10 students to improve academic performance.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
NA	NA	Nil	Nil	Nil	Nil

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BE	MECHANICAL	08/07/2019
BE	CIVIL	08/07/2019
BE	COMPUTER	08/07/2019
BE	ELECTRICAL	08/07/2019
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	Mechanical Engineering	08/07/2019
BE	Civil Engineering	08/07/2019
BE	Computer Engineering	08/07/2019
BE	Electrical Engineering	08/07/2019

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

	Certificate	Diploma Course
Number of Students	850	Nil

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
Spoken Skills Development Program	22/07/2019	230
Aptitude Skills Development Program	20/01/2020	190
Personality Development and Interview Technique	22/07/2019	125
Student development Activities (Communicaton skill, Stress Management,	08/12/2019	290

Time Management, Entrepreneurship Development,)	

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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	Mechanical Engineering	28
BE	Civil Engineering	17
BE	Computer Engineering	12
BE	Electrical Engineering	8

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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

DRIEMS College of engineering understands teaching- learning system followed by an education institution needs continues refinement. The institution adopts a feedback system that takes suggestions from stakeholders of each program. This eventually helps to fine –tune teaching- learning process and curriculum. DRIEMS has evolved a mechanism for constantly evaluating its courses and resources through a diverse array of feedback systems. DRIEMS has been practicing a feedback system accommodating all the stake holders including staff, students, alumni, employers and parents. Feedback is collected from students on faculty teaching / curriculum and analyzed. Feedback is collected at departmental and institutional level in which the views on the curriculum, teaching schedules, teaching tools, and student assessment outcomes are discussed for taking improvement measures. The feedback from the students is obtained at the end of the year. When the feedback of a faculty is not encouraging, then the concerned faculty is counseled by the Head of the Department to improve their performance. Feedback about curriculum is collected from faculties during faculty meetings to enhancing the course content, Teaching Learning process, curriculum, Industrial visits, Research and Extension activities, academic discipline, are discussed. The most suitable suggestions are put forward from the departments for implementation. Feedback from Alumni and employers helps in reorienting the college towards emerging needs of an ever-changing world. We are collecting feedback from our Alumni personally. We believe that alumni feedback is an important source of information for betterment and development of the institution. Alumni are very much satisfied with the Curriculum development in respect of completion of syllabus, teaching learning process, facilities and teaching quality and services. We will improve our quality and services on the basis of alumni feedback. The strength of the educational institution is highly dependent on

the community, parents who have strong faith and confidence and trust on the institution. Parent feedback was also obtained from respondents during PTMs. Some of the parameters accommodated in the parent's feedback include quality of teaching, students' discipline, lab facilities, Wi-fi, internship, sports, cultural and co-curricular activities, Industrial visits, examination system, cross-cutting issues, etc. Based on the feedback received it is summarized that employers show their satisfaction level for the availability of choices of course in the schemes. The Training Placement cell networks with various industry sectors to organize campus placements and facilitate fresh graduates with employment. In this process the students get an exposure to the corporate life from the campus. Their feedback is valuable for us as it provides the basis for further enrichment in curriculum aspects and overall performance of students. The institutes make it a regular practice to accept feedback from all stakeholders because they constantly search for ways to make their best even better. The feedback from each group helps us to understand our responsibilities, clarify their expectations and address their general concerns so as to improve the academic environment of the campus.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BE	CIVIL	120	4	4
BE	COMPUTER	60	14	14
BE	ELECTRICAL	60	0	0
BE	MECHANICAL	120	0	0
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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	1192	0	84	0	84

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	Numberof smart classrooms	E-resources and techniques used
84	84	4	26	5	5
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)

In our institution, mentoring system has been introduced for establishing a better and effective relationship

between student and teacher and also continuously monitor, council and guide students in educational and personal matter. All teachers work as mentors for students allotted to them. In the institute wherein 15 to 20 students are assigned to a faculty member who acts as their mentor for the entire programme duration. The students must feel to confide in their mentors. This is a continuous process till the end of academic career of student. Mentors maintain and update the mentoring format after collecting all necessary information. Mentors are expected to offer guidance and counselling as and when they required. It is the practice of mentors to meet students individually or in groups. If a student is identified as having weakness in particular subject, it is duty of mentor to apprise the concerned subject teacher. At least 3 meeting are arranged by mentors for their mentee in each semester. Though, the system has only been implemented in the last few years, significant improvement in teacher – student relationship is observed. This system has been useful in identifying slow and advanced learner ad through a careful examination of each mentors report. HOD will meet all mentors of his/her department at least once in a month to review paper implementation of system. The mentoring system is very effective for entire under graduate first semester and a significant part of the post graduate students who are taking admission first time as they are new to college culture.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1192	84	1:14

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
84	7	0	77	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
2019	Nill	Nill	Nill
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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BE	Civil Engineering	335319110	17/10/2020	20/11/2021
BE	Computer Engineering	335324510	17/10/2020	13/11/2020
BE	Electrical Engineering	335329310	17/10/2020	23/11/2020
BE	EXTC	335337210	17/10/2020	24/11/2020
BE	Mechanical Engineering	335361210	17/10/2020	24/11/2020
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Assessment of Student's performance is an important part of 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 the performance (Termwork 25 marks).Students perform their lab work once or twice in a week. In this lab work students perform the experiments and generate the output. In this Pandemic we use virtual lab concept. We monitor their performance by this lab work. Apart from this we conduct 2 Internal Assessment Test, in which 1st test covers 40 syllabus and the 2nd test covers remaining syllabus. Average marks of these tests consider as final marks for student's theory exam. Due to this pandemic we took only Ist Internal Assessment. In this Pandemic situation, we conduct the Internal Assessment with the help of Google Form. In which we divide the IA into two parts 10 marks for MCQ and 10 marks for Descriptive. In some subjects mini projects also exist, in that case we divide the project marks in different criteria like presentation, status of project and attendance. 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. Sometime the project committee changes the topic of projects. Final internal marks assigned on the basis of continuous progress of students. In this Pandemic, we conduct Project Presentation of the students on Zoom.

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. Academic calendar of the institutes prepare by 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 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 Lecture, Parents Teacher Meet, Industrial visit, Inauguration of Association of student's committee. Subject Allotment has done by Head of Departments according to the subject choice and specialization. The faculty members prepares the Teaching plan before the commencement of semester which is based on academic calendar and indicating the topics to be covered on which dates and get approved by the head of department. Faculty members also prepare the course file. Time table committee prepares the time table according to the university's guidelines and load distribution and display 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

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year	Number of students passed in final year examination	Pass Percentage

			examination		
335319110	BE	Civil Engineering	116	116	100
335324510	BE	Computer Engineering	61	61	100
335329310	BE	Electrical Engineering	63	63	100
335337210	BE	EXTC	11	11	100
335361210	BE	Mechanical Engineering	189	189	100

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2.7 – Student Satisfaction Survey

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

 https://driems.in/student_corner.php?stu=44

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
Projects sponsored by the University	365	DRIEMS,NERAL	0.8	0.8

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3.2 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
IPR(Innovation and Incubation)	Mechanical Engineering	11/07/2020
Patent Copyright registration process	Computer Engineering	15/01/2021

 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
Nil	Nill	Nill	Nill	Nill

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

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
NIL	Nill	Nill	Nill	Nill	Nill

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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
00	00	00

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

Name of the Department	Number of PhD's Awarded
nil	0

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	2	Nill

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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	0

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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
Research on Single-Phase Grid Connected PV Systems	Srikanth Sattenapalli	International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-9 Issue-2, December, 2019	2019	2	Dilkap COE Mamadapur	1

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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
Performance Analysis of Reference	Srikanth Sattenapalli	Journal of Green Engineering, Vol. 9_4, 658-6	2019	8	2	Dilkap COE Mamdapur

Current Generation Methods with PI Controller for Single-Phase Grid Connected PV Inverter System		72.Alpha Publishers					
A Novel Approach for contro lling Reactive Power in g rid-connected PV system using ASDM and FUZZY Controller s	Srikanth Sattenapal li	Jour of Adv Research in Dynamical Control Systems, Vol. 12, Issue-02, 2020	2020	15	7		Dilkap COE Mamdapur

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

Number of Faculty	International	National	State	Local
Attended/Semi nars/Workshops	1	2	1	3
Presented papers	13	0	0	0
Attended/Semi nars/Workshops	1	0	1	4

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3.4 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Health checkup camp	Extension activity cell	3	20
Flood Relief Campaign	Extension activity cell	8	12
Swachata Abhiyan	Extension activity cell	3	40
Vrudhashram Visit	Extension activity cell	2	0
Tree plantation	Extension activity cell	20	50

Yoga workshop	Extension activity cell	20	23
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Yoga workshop	Appreciation letter	DRIEMS, Neral	23
Tree plantation	Appreciation letter	Mamdapur Grampanchayat	50
Vrudhashram Visit	Appreciation letter	Ashram	0
Swach Bharat	Appreciation letter	Mamdapur Grampanchayat	40
Flood Relief Campaign	Appreciation letter	Badlapur	12
Health checkup camp	Appreciation letter	Dr. Solanki	20
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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 activites	Number of students participated in such activites
Non Govt. Organization	Extension activity cell	Yoga workshop	20	23
Non Govt. Organization	Extension activity cell	Tree plantation	20	50
Non Govt. Organization	Extension activity cell	Vrudhashram Visit	2	0
Non Govt. Organization	Extension activity cell	Swachata Abhiyan	3	40
Non Govt. Organization	Extension activity cell	Flood Relief Campaign	8	12
Non Govt. Organization	Extension activity cell	Health checkup camp	3	20
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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	365
System Integration and IT enabled services	SE,TE,BE students	OMEGA SYSTEMS	365

| Internship | SE,TE,BE students | Homemakers | 30 |
| Workshop on updated technology | SE,TE,BE students | SYSTECH Computer Education | 30 |

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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
MOU	Training	DCODETECH IT Industrial training	02/09/2019	14/09/2019	132
MOU	Project Work	OMEGA SYSTEMS	08/07/2019	15/06/2020	18
MOU	Training	Homemakers	06/01/2020	11/01/2020	62
MOU	Internship	SYSTECH Computer Education	01/12/2020	30/12/2020	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	02/07/2018	Provide free seminar and workshop and free internship for students on updated technology	132
OMEGA SYSTEMS	24/07/2018	Teach students System Integration and IT Enabled services and also give live projects to students	18
Homemakers	01/07/2016	Provide Internship opportunities and also provide placement assistant	62
SYSTECH Computer Education	02/07/2018	Provide free workshop on updated technology and free internship for students	12

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	165

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	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 patially)	Version	Year of automation
V-Lib	Partially	1	2018

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Others(specify)	0	0	0	0	0	0

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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
84	MOODLE	MOODLE	01/06/2019

No file uploaded.

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	395	12	1	1	11	1	5	50	0
Added	0	0	0	0	0	0	0	0	0

Total	395	12	1	1	11	1	5	50	0

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

50 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Lecture Capturing System	https://driems.in/student_corner.php?stu=1

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 incurredon maintenance of physical facilites
55	53	100	94

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 cheeked 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. Úpon 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 institues 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	Scholaship to first 3 toppers from FE	3	22780
Financial Support from Other Sources			
a) National	Rajarshi Chhatrapati Shahu Maharaj Shikshan Shulkh Shishyavrutti Yojna (EBC)	427	9267839
b)International	NIL	0	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
3. Soft skill development	14/11/2019	220	Speaker-Dr. Ajay Deshmukh
3. Soft skill development	15/12/2019	170	Speaker- Prof. Ashish Kalantri
2. Career Counselling	13/03/2020	124	Speaker-Mrs. Inamdar
2. Career Counselling	07/02/2020	64	Speaker-Vikal Chaurasiya
1. Guidance for competitive examinations	12/01/2020	215	DR S.N. SHELKE
5. Language lab	12/07/2019	427	DRIEMS faculty Mr. Haresh Wadhwani
4. Remedial coaching	04/02/2020	14	Our college teachers conducted remedial teaching class.

7. Yoga and Meditation	14/08/2019	19	Prof Harshada Dalvi

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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 passedin the comp. exam	Number of studentsp placed
2019	Competetive exams guidance	215	0	4	0
2019	Overseas O pportunities for Mechanical students	0	215	16	0
2019	Career Guidance for Electrical students	0	64	0	134

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

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

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
TCS	12	2	Capgemini	10	3

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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	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	16	B.Tech	All	Other M.Tech College	M.Tech

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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
Any Other	4

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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
Annual Sports and Cultural Activity	Institute	1192

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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/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	NA	National	Nill	Nill	Nill	NA

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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 2019-20 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 membersalong 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:

440

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

44000

5.4.4 – Meetings/activities organized by Alumni Association :

Yes

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)

We believe in participative management the Progress of any institution is the joint efforts of all who work towards achieving the goal of the institution. ? So our institute always look forward to break the barriers and we want our students to not limit themselves to geographical boundariesbut be eligible to apply for international opportunities this can be achieved by forming an international placement committee in which each committee member is allotted with the specific international continent who work towards and assist the student to that specific areaand work for student exchange programed, internship program and also active in finding out the job opportunities for suitable students For this college plans for all such implementations through conducting regular communication English and aptitude classes also regular GD session and interview session are conducting under the International placement cell it will definitely boost the confidence of student and push step further. ? The COVID-19 pandemic compelled the global and abrupt conversion of conventional face-to-face instruction to the online format in many educational institutions so urgent and careful planning is needed to mitigate negative effects of pandemic on our stake holder that are our students and faculty members To enhance online education during the pandemic, we conducted training for staff member so that they are able to conduct Online classes through Google Classroom, Google Meet, WebEx, Zoom, GotoMeeting etcOnline classes conducted

using platforms like Laboratory sessions were video recorded by the instructor/subject teacher and shared with students.MHRD Virtual labs/ NPTEL/ Swayam platforms were also used to complement the online teaching. Faculty is trained for online examination sothe examination cell is another committee which ensures proper conduct of examinations and timely declaration of results. Oral/practical and Continuous evaluation via online mode was initiated and the committee ensured that every student is trained in basic computer skills and is comfortable in appearing for the examination. MCQ pattern question bank is given to students. The examination committee which has regular meeting.

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
Curriculum Development	? The Institute is affiliated to University of Mumbai and followed the syllabus and curriculum prescribed by the University ? Introduction Choice Based Credit System (CBCS) in practice ? Different departmental electives across the programs to increase the knowledge, breadth and professional competency of the students. Students are Flexible to register any of the courses offered by various departments. ? During the Pandemic, students were taught on online mode. It is exemplary situation where the difficulty faced due to pandemic was overcome and the students got very good teaching-learning experience. ? Teachers are encouraged to take up various modes of teaching and impart the knowledge as per curriculum by using innovative ideas and different online teaching methods such as using google classroom for submission of assignments, discussions, workshops, seminars. ? In addition to the prescribed curriculum, students are exposed to the latest developments and trends in the respective fields by arranging online guest lectures expert lectures by experts from industry and Periodical feedback is obtained from the students on aspects of teaching-learning process ? Studentsare taken on industrial visits for getting updated with new technologies. ? DuringCovid time students are also taught yoga, mental health awareness and healthy diet to overcome the fear of pandemic and to reduce the stress.
Teaching and Learning	? For the better improvement in

	teaching and learning and for effective implementation in the institute, The Institute follows the curriculum approved by Mumbai University (MU). ? Teaching and Learning process is monitored by the higher authority time to time through frequent meetings with teachers and also by requesting the feedback from the students. ? Online classes conducted through Google Classroom, Google Meet, WebEx, Zoom, GotoMeeting etc ? Online classes conducted using platforms like Laboratory sessions were video recorded by the instructor/subject teacher and shared with students. ? MHRD Virtual labs/ NPTEL/ Swayam platforms were also used to complement the online teaching. ? Online preparatory classes were conducted for both the slow learners for about 15 days before they appeared for their final semester end examination
Examination and Evaluation	? Examinations are scheduled as per prescribed University time table and planned well in advance to ensure smooth conduct of exams. ? Teaching Faculties are involved in the process of paper setting, evaluation of answer sheets and moderation of university paper and invigilation of papers ? The Lab Practical, Project, tutorials, Seminar and Term Work is continuous assessment based on work done, attendance, understanding and submission of work in the form of report/journal (offline/online mode). It is monitor and assessment by the subject teacher. ? At the end of the semester, Practical/Oral/Presentation is to be conducted and assessed jointly by internal and external examiner. ? Faculty is trained for online examinationthe assessment is carried out by Online Examination for BE ? Student are trained for online examination pattern ? MCQ pattern question bank is given to students. ? Result Analysis is done after result display.
Research and Development	? Institute having Research and Development cell with the objective of monitoring the researchactivities carried by the students and faculty, also to create awareness for Research and Development among faculty and students and create interest and

	motivate faculty to take up research projects in cutting edge technology. ? The Research and Development cell ofinstitute support the faculty and students and provides financial support to publish the paper and also to attend variousactivities like seminars, workshops, guest lectures, orientation programs,STTP FDP etc. ? Training and Placementcell takes care of overall development by carrying out skill developmentand entrepreneurship development programs amongthe students and faculty ? The Institute encouraged the facultyfor pursuing higher education andResearch activities by providing grants, study leave, duty leaves whenever applicable.
Library, ICT and Physical Infrastructure / Instrumentation	Library, ICT and Physical Infrastructure / Instrumentation – The Infrastructure facilities are well in place. All kind of maintenance work in college can be done in accordance with the AICTE norms. Some Planned actions are undertaken by the college for maintaining facilities. ? To encourage the Students to participate in various competitions and activities more no books for competitive examinations are added and these books are issued for reading purpose to the students preparing. ? Addition of ASTM(Digital Library) and DELNET software ? More numbers of e-books and Journals are added and NPTEL videos forextra learning. Also Students have open access all this online learning platforms. ? Maintain physical infrastructure as per AICTE norms. strengthen the laboratories ? Enhanced use of ICT is encouraged for effective teaching and learning. ? Installation of Sanitizer stands at prominent places
Human Resource Management	? Institute has well established Human Resource, HR maintains all service records of the employees it focuses on maintenance of service records, recruitment, induction program for new joined faculty, mentoring system, non-teaching staff training, ? College has recruited adequate number of faculty members the Head of department provides the requirement of faculty members, technical staff according to load prescribed by the University to the Principal. The Principal forwards the requirement and

	takes approval from the Management. Then Vacancies filled through a well-defined recruitment procedure. It includes advertisement in leading dailies. ? There are effective welfare schemes for all its teaching and non-teaching staff ? A transparent policies exists so all are aware of their various function and responsibilities.
Industry Interaction / Collaboration	? Our International training and placement cell work separately to give global exposure to the student this can be achieved by going for student exchange program, by applying to internship and job opportunities abroad we have collaborated with various international universities ? Our training placement cell continuouslyInteract and collaborate with industry to facilitate skill and knowledge application and enhance the availability of internship and employment opportunities for the students. The Institute has signed MOU with many apparent companies These MOUS are signed for joint benefits, mainly for value added courses, skill development and many other Certification courses, internships etc. ? Experts from industries educational and research institutions are invited for interactiveCollaboration.They deliver guest lectures which is arranged to improve industry interaction/collaboration. ? It also includes industry internships for the students, during vacation. ? The institute also get assessment of students from various recruiters to upgrade the quality of the students. ? The Training and Placement cell provides placement opportunities for alumni students also by arranging on- and off campus drives.
Admission of Students	Admission process are in pursuant with the sanction in take capacity and follow the Government rules and it is completely controlled and implemented by Directorate of Technical Education (DTE) Maharashtra through Centralized Admission Process(CAP). The eligibility to take the admission is to qualify Common Entrance Test conducted by State common entrance test cell 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 clear and digitalized.

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

E-governace area	Details
Planning and Development	? The academic calendar is available at the starting of semester for each department for proper planning of the teaching plan, any cultural or sports event, semester end examinations as well oral and practical conduction , evaluation and outcome of it. ? As part of ICT, digital boards in all departments, emails, WhatsApp are in practice. ? The institute is working under CCTV surveillance ? In view of COVID-19, online classes are being arranged for all programs, using zoom, webex, Goggle meet etc. ? College website is regularly updated with all the necessary information needed for admission, scholarship update scheduling time table, exam dates concession dates etc ? In view of COVID-19,online monthly report taken from the each faculty by Head of department which include necessary information about no of lecture conducted no of students etc
Administration	? ERP based functions are used for various administrative work. ? Biometric Attendance is used to generate various reports such as Biometric Attendance Report-Department wise and faculty wise
Finance and Accounts	? Accounts and finance department of college use Tally and excel to perform various accounting activities. Majority transactions like fee collection, salary deposition are conducted through e banking online process or through cheques to ensure speed, better security and monitoring.
Student Admission and Support	? Institute follow the CAP round process laid down by the DTE Maharashtra and the other apex bodies. ? Information and status of admission is always updated online. ? As per the Maharashtra government rulesscholarships and other financial benefits are given to eligiblestudents ? Student admission and maintenance of data is done through ERP software ? For overall skill development of the student the institute supports them throughout their course

	throughconducting various skill development programs as well grooming them with aptitude/ communicationEnglish classes. ? Students are also allowed to pay fees in installments through online banking mode
Examination	? Examination is conducted as per the norms and scheme received from Mumbai university ? In view of COVID-19 various activities pertaining to examination are carried out using 'ZOOM' or google meet software. By using online mode or software various tasks are executed like Exam schedules of University examinations, List of seat numbers, Examination Summary of students, Block No and seating arrangements, also online supervision is carried out through ZOOM/Google Meet. ? Also different activities are carried out online using university portal like Online examination (final Year UG students), Question papers of University Examinations (received electronically), Online submission of assignment and tutorials , online conduction of oral and practical's also Marks submission for oral/practical and project examinations ? Result analysis is done 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
2019	Mrs. Priya Deshpande	One Day Workshop C and C At KJ Somiya College Of Engineering	NA	350
2019	Mr. SrikanthS attenapalli	conference on Emerging Trends in Smart Grid Technologies KL University	NA	1000
2019	Mr. SrikanthS attenapalli	Modelling and Real Time Implementation of Electrical System (AICTE Sponsored)	NA	1200

| 2019 | Mrs. Rashmi Chaudhari | Modelling and Real Time Implementation of Electrical System (AICTE Sponsored) | NA | 1200 |
| 2019 | Miss.Aksata Ladha | Artificial Intelligence, Machine and Deep Learning: Hand ON At KJ Somaiya College of Engineering | NA | 1800 |

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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)
2019	Training on Technical Paper Writing: Plagiarism issues, Hindex"	NA	27/09/2019	27/09/2019	48	Nill
2019	Workshop on Professional Etiquettes	Professional Etiquettes	14/11/2019	14/11/2019	45	15
2019	Introduction Of Modelling and it's Real Time Application	NA	25/11/2019	25/11/2019	10	Nill
2020	Workshop on Electric Vehicles It's Application	NA	26/02/2020	26/02/2020	18	Nill
2020	F D P ON ADDITIVE MANUFACTURING	NA	25/05/2020	26/05/2020	45	Nill
2020	Workshop	NA			32	Nill

| | on ENERGY AUDIT | | 26/05/2020 | 26/05/2020 | | |

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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
Short Term Program(STTP)	5	24/06/2019	13/06/2020	32
Faculty development program(FDP)	23	04/11/2019	24/07/2020	24
Workshop	11	29/02/2020	01/06/2020	31
Orientation Program	25	03/07/2019	17/01/2020	45

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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	75	Nill	39

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
PF, Medical Insurance, free transportation services, free accommodation, Advance payment Early going leave facility Sabbatical leave (OD) for attending examination, FDP, National International Conferences. Vacation leave, Medical leave, Maternity leave, Study leave, Compensatory Off, Casual leave, Subsidized Canteen facilities with proper hygiene. Gym facilities are available Installation of Sanitizer stands at prominent places	PF, Medical Insurance, free transportation services, free accommodation Early going leave facility Vacation leave, Medical leave, Maternity leave, Study leave, Compensatory Off, Casual leave, OnDuty leave, Subsidized Canteen facilities with proper hygiene. Gym facilities are available Installation of Sanitizer stands at prominent places	Government Scholarship, Institutional scholarship, cash prize to university ranker eBooks and e journals. Gym facilities are available Hostel and subsidized canteen Installation of Sanitizer stands at prominent places

6.4 – Financial Management and Resource Mobilization

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

Internal audit Our institute regularly follows internal and external Audit system. Internal audit helps to understand the exact financial situation to Foundation During internal audit examining of records, reports, operating

practices and documentation is done. Institutional External Audit- Yes Every year Institute conduct External audit at the end of every financial year During the Audit a group of external auditors Review the financial statements often provided by Institute accounting team along with reviewing the financial books for quality.

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

0

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

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

Parent teacher meetings are being conducted to identify the issues related to students ? Slow learners in different departments are identified and parent teacher interaction is arranged to improve the efficiency of slow learners ? Improving regularity and performance of students. ? Identification of problems through feedback from parents and counseling of students ? Preparing Child for final Examination

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

? F D P On Additive Manufacturing ? Workshop on Innovation Patent ? Training of different online conferencing software like Google Meet, Zoom, Cisco Webex for online classes for conduction of Examination.

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

? To invite talk on skill and personality development by experts through training and placement cell. ? Collaboration with various international universities for various program like internship student exchange as well prepare students for global job opportunities. ? Training of Teachers for online teaching as well to conduct examination through various online mode

6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	Increasing bandwidth of Internet from 10 Mbps to 50 Mbps	01/08/2019	01/08/2019	02/04/2020	200
2019	Deciding on Eco friendly measures (SOLAR implementation)	01/08/2019	01/08/2019	21/02/2020	45
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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
Webinar on Intellectual Property Rights (IPR)	11/07/2021	11/07/2021	75	126
Workshop on ICT Smart Board	26/07/2019	26/07/2019	35	118
Carrier counselling	02/08/2019	02/08/2019	85	145
Seminar on International Placement	14/09/2019	18/09/2019	36	65
Competitive exam guidance	20/01/2020	20/01/2020	45	139
Workshop on ZOOM and Google meet for Online Lecture Conduction	30/03/2020	30/03/2020	46	121

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: - 50 LED Lamps of 18 W each,28 LED lamps 9 W each, 20 Tube Lights each of 40 W Light energy consumption met by LED bulbs: 30.58 kWh per month where utilization of LED's estimated for 10 hours with monthly sharing reduction is 0.38 and total Percentage of Annual Lighting Power requirements met through LED bulbs: 50

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Rest Rooms	Yes	1
Ramp/Rails	Yes	1
Scribes for examination	Yes	1192

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	Nill	01/06/2019	365	Canteen	Food	1192
2019	1	Nill	01/06/2019	365	Hostel	Stay	400
2019	1	Nill	01/06/2019	365	Doctor on Call	Health	89
2019	Nill	1	15/08/2019	1	Tree Plantation	Environment	120
2020	Nill	1	26/01/2020	1	Blood Donation	Blood	76
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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	This Handbook is available Discrimination in legislation and procedures to be applied to control the administration of Workers participating in Various amounts in Institutes. 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 It works here. it anticipated the workers adhere exclusively to Regulations and laws Stated here.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Independence Day	15/08/2019	15/08/2019	1276
Republic Day	26/01/2020	26/01/2020	1276
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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 programmes for maintenance of Ecosystem and environmental management changes in campus, and Gender equality for the purposes of raising about gender awareness among the student. 1. Tree planting activity were carried out. 2. Built LED lighting where the consumption of energy is high. 3. Rain water 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 in campus when not needed. Swachhta Abhiyan 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 cup and paper plates. Also Students in the first year created awareness of the environmental risks of plastics in Mamdapur area along with Staff and Gram Panchayat members. DLLE volunteers have organised 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 Title of the Practice International

Placement Placement International is a cultural exchange program company specialized in the Technical industry or in Educational Institute that offers positions for highly educated students and young professionals to do paid internships, management training programs and first-time jobs with various industries in the United States, Dubai and other countries around the world. We have initialized this work in this academic year to bridge the gap between curriculam and industry in the globalization manner. 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
https://driems.in/student_corner.php?stu=1

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 recent past has established methodology where in each student will be assigned to Work in a startup organization for an internship during his vacation period. Hence DRIEMS began to connect with several industryies in and around so that our students can avail an opportunity to know the working of 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 is collaborated with an MOU / LOI for educating our students in terms of work standards and dealing with day today problem solving methodologies according to their needs such as Level of superviseion or quality standards, etc. Resources Required: The students also will undergo an extensive training of classrooms 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 industry Our students can expect an employability in their interested field or other related organisations. Evidence of Success: four-wheeler projects get special sponsorship from AVT Mumbai. Three Suggestions Technology is another organization which 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 in 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 Brach 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/degree_academics.php?dac=5&dd=254

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.