Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	**D.Y.PATIL COLLEGE OF ENGINEERING AND TECHNOLOGY**
Name of the head of the Institution	**Dr. Santosh Devidaspant Chede**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**02312601431**
Mobile no.	**9860233020**
Registered Email	**dypcet@sancharnet.in**
Alternate Email	**principal.dypcet@dypgroup.edu.in**
Address	**Kasaba Bawada, Kolhapur-416006**
City/Town	**Kolhapur**
State/UT	**Maharashtra**
Pincode	**416006**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Urban**
Financial Status	**Self financed**
Name of the IQAC co-ordinator/Director	**Dr. Ajitsinh Narayanrao Jadhav**
Phone no/Alternate Phone no.	**02312601433**
Mobile no.	**9545595999**
Registered Email	**ajitsinhj33@gmail.com**
Alternate Email	**Deaniqac.dypcet@dypgroup.edu.in**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://coek.dypgroup.edu.in/wp-content/uploads/2020/01/AQAR-18-19.pdf

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://coek.dypgroup.edu.in/wp-content/uploads/2017/06/Academic-calendar-2019-20.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**A**	**3.08**	**2017**	**25-Oct-2017**	**24-Oct-2022**

6. Date of Establishment of IQAC

6. Date of Establishment of IQAC	**12-Jun-2017**

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

Feedback from student	15-Nov-2019 1	1950
Feedback from parents	14-Sep-2019 1	250
Feedback from alumni	29-Feb-2020 1	195
IQAC Meeting	25-Jul-2019 1	23
IQAC Meeting	23-Oct-2019 1	21
One week faculty Development Program on	18-Dec-2019 5	153
Two week National level FDP on E-Learning Resourses creation-A Beginning towards New Era of E-Learning	08-Jun-2020 15	500
One week National Level faculty Development Program on	09-Dec-2019 7	45
One week workshop on	23-Dec-2019 6	30
Internal Academic & Administrative Audit (AAA)	22-Sep-2020 11	150
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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
No Data Entered/Not Applicable!!!				
No Files Uploaded !!!				

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 :	**2**
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	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)

1) Autonomous status to the college by UGC. 2) Permanent Affiliation by Shivaji University, Kolhapur. 3) Strengthening of Outcome Based Education. 4) Setting of Research Innovation Laboratory. 5) Enhanced Quality Research Publication. 6) Students Co Curricular Activity. 7) Project Grant for College Scheme (PGCS) for final year students.

[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
Arrange Expert/Guest Lectures	33 Expert / Guest lectures were Conducted
Arrange Seminar	13 Seminars were Conducted
Arrange workshops	8 Workshops were Conducted
Conduction of Value added Courses	22 Value added courses are conducted
Arrange FDP's / STTP	5 faculty Development Programs were conducted.
Workshop on Skill Enhancement of Laboratory Assistants	One workshop for Laboratory Assistant. is conducted at university Level & 30 participants attended the workshop
Arrange industrial visits	38 Visits were arranged 3940 Students were benefited.
Hands on Training	8 Hands on Training Programs are conducted
NPTEL Certification	70 Faculty members of various department received certification
Memorandum of Understanding	For the current academic 2019-20 total 23 MoUs are signed with Industry, Academic & Training Institute to facilitate students & Faculty for Internship, Industrial Training, Sponsored Projects, Faculty Development program, Guest Lecture, Placement Partnership, Construction Material Testing etc.
[View File](#)	

14. Whether AQAR was placed before statutory body ?	Yes

Name of Statutory Body	Meeting Date
Board of Governors	01-Dec-2020

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	2020
Date of Submission	28-Jan-2020
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)	YES The institution has GEMS Software (Governing Education Management System), which provides management information services such as• Admissions • Finance • Student Information Management • Exam • Inventory Management Information System The institute has purchased GEMS software (Governing Education Management System) which is fully equipped to provide information regarding following categories in details. 1) As soon as a student confirms to take admission to our institute, his/her all details (personal as well professional) which are related with admission are entered in this software. This enables institute to keep up to date record of students progress throughout his /her professional career in our institute. 2) All details of finance such as income and expenditure is entered in this software so that finance related matters become handy to track as when required. 3) The students information about his/her academic performance , co curricular and extra curricular activities are entered in this software. 4) The performance of student in various examinations such class unit test, mid term unit test, end term unit test and finally the university examination details are entered as soon as the results of these examinations are declared. 5) The inventory from

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 college is a self financing and affiliated to Shivaji University, Kolhapur. The college follows the curriculum given by the university. However, the faculty members from the college have worked on various authorities of the university in the capacity of member Board of Studies, Academic Council, Dean of the faculty etc. and have contributed for the development of the curriculum from time to time. The feedback taken from all stakeholders (students, alumni, industry etc.) about the curriculum and the suggestions are forwarded to the respective Board of Studies. Extra efforts are taken for slow learners through remedial lectures as and when required. In order to increase the employability of the students various value added courses giving technical expertise along with soft-skill development programmes are regularly organized. The college has formed eight clubs to expose the students for various activities apart from academic plan (Helth & fitness club, art, craft & culture club, Higher education club, robotics club, movie , photography , adventure & coding club). Various elective courses are offered to have academic flexibility for the final year under graduate and post graduate degree programmes. From June 2018 Shivaji University implemented CBCS pattern, so students have a choice for elective/open elective subjects.

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
NA	NA	Nil	0	NA	NA

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nill	NA	Nill
No file uploaded.		

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
BArch	Architecture	28/06/2019
BTech	S.Y. B.Tech (All Branches)	18/06/2019

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

		Certificate	Diploma Course

Number of Students	Nil	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
workshop 'Energy Swaraj' by the Gandhi Global Solar Yatra (GSSY)	02/10/2019	193
Bluetooth Bamboo Amplifier	26/07/2019	127
Workshop on "BASIC ELECTRONICS AND ITS APPLICATION"	10/06/2019	18
workshop on, "Introduction to Android Development"	28/06/2020	23
Inverter LED Bulb	08/02/2020	156
Value Added Courses on "C Programming Language"	03/06/2019	40
Auto Cad	19/06/2019	77
Revit	19/06/2019	84
3d Max	19/06/2019	43
5 Days Workshop on Certification of MIDAS Software	14/09/2019	28
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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	Interdisciplinary	6
BE	Site Execution	187
BArch	Architecture	85
BE	Chemical	3
BE	Professional Training	69
BE	CSE	16
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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
The feedback obtained from students about teachers is immediately conveyed to respective Heads of Departments and HoD's in turn communicate it every faculty. In case of poor or unsatisfactory performance, a faculty is asked to improve the performance and inform the HoD about the measures to be taken for improvement in the results. The feedback about the curriculum is communicated to concerned Board of studies so that the changes can be considered in next cycle of revision of syllabi. The feedback from employers is obtained through Training and placement cell of the college about all the students who are placed in their respective industries. As per the suggestions received from the employer's feedback, necessary system for improvement of the employability skills of students is reformed. The periodic meetings are conducted with alumni to discuss on current requirement of the industries and accordingly the system about GAP analysis is designed. As per that system various guest lecturers form industrial persons, industrial visits, internship programs are arranged. The alumni also contributes for strengthening the academics as well as placements Every semester each department conducts parent meet in which apart from students progress, we take the feedback from parents about departmental resources, placements and other academic activities. This feedback is used for improvement of department as well as institution. The other suggestions about infra structure etc. are communicated to the management for necessary changes, if any.

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	240	50	45
BE	Electronics and Telecommunication	60	56	54
BE	Computer science & Engg.	180	180	178
BE	Civil	180	60	52
BE	Chemical	60	50	48
BArch	Architecture	80	78	77
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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	2615	25	149	10	46

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
163	163	30	38	Nill	4

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)

Title : MENTORING Objective: To solve and reduce the student's problem. Context: In the institute each student is assigned a Mentor for throughout four years. Practice: In each department a group of students is assigned a exclusive mentor who takes care of students and keeps the record of all students for throughout the course (during 4 years). Collects the problems from students and forward them to HODs and principal which are not solved by mentor. Counselling is done by all mentors to the students in order to resolve their academic, personal as well physical problems. Students are getting relaxed from frustration being all faculties are trying to resolve the issues. Mentors are also accessing cumulative attendance, their performances in internal as well external examinations. Furthermore with respect to performance in classes, exams and with consideration of attendance, activeness in classes identification of Slow, Average and Advanced learner is done by the respective mentors. All categorized learners are counselled as well attempted to upgrade through remedial lectures for slow learners, Solving more numerical for average learners and attempting unsolved problems as well extra activities for advanced learners. Frequent and periodical interaction with parents of allotted students regarding performance of the students is done by each mentor. Evidence of success: This has improved the performance of students in academic as well as they have become stress

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2640	163	1:16

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
163	163	7	7	26

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	Ar. Gouri Kulkarni - State Level	Assistant Professor	Best Painting in EIA 2019-20, National Art Exhibition by Kalanirvana Art Center.
2019	Mr. Vijay B. Awati	Assistant Professor	Shilpkar Jeevan Gaurav Puraskar by Construction Society in Kolhapur
2019	Dr. Kiran M. Mane	Assistant Professor	VTU, KARNATAKA

| 2019 | Mrs. Snehal Damugade | Assistant Professor | "Top Professional Work" Featured in International Magazine -'Architectural and Builders Magazine' on the occasion of celebrating Women's Day |
| 2019 | Mr. Tejas. B. Pingale | Assistant Professor | 50 famous architects in India,published in India Interiors décor Magazine by Brand Media |

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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
BArch	653203210	2019-20	18/05/2020	10/11/2020
BE	625050710	2019-20	18/05/2020	10/11/2020
BE	625019110	2019-20	18/05/2020	10/11/2020
BE	625024210	2019-20	18/05/2020	10/11/2020
BE	625037210	2019-20	18/05/2020	10/11/2020
BE	625061210	2019-20	18/05/2020	10/11/2020

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

? Prior commencement of the semester in the meeting with principal, Dean -Academics and HOD's the policies about Continuous assessment is decided. The policies are as below, • Weightage given to attendance, performance of practical/ assignments, mid-term and end-term tests, internal oral exam. • Seminars – interim and final presentations, assessment of reports. • Project assessment for final year – DRC committee, periodical presentations in front of panels of experts, interim and final reports, final assessment by panels of experts • Field Training – assessment of reports by project guides • These policies are displayed and conveyed to all students of respective departments through their concern class teachers, HOD. • Head of department and programme coordinators of each department periodically verify the assessment through faculty academic dairies. • All term work marks is given based on Continuous assessment policies. Finally Dean academics verify and finalize the term work marks given to all students.

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

1. Shivaji University prepares the academic calendar before commencement of each semester. It includes the semester start, end dates, holidays etc. The university publishes this calendar on Website. 2. Based on University academic

calendar, Institute prepares an Institutional academic calendar. 3. The Institutional calendar is prepared with the help of various In-charge/head and Vice- Principal/Principal. It includes, o Department Calendar o Holidays o Beginning of the academic sessions. o Unit test/Mid-term/End Term examination schedule. o Annual Sports o Annual cultural activities o NSS extension activities commencement dates/week for various activities related to Training Placement, various Club/Cell, department related activities 4. The Institute calendar is provided to all departments to prepare the departmental calendar and timetable for entire semester. 5. The academic calendar made available to all students, faculty members as well uploaded on website. 6. Each faculty prepares their own course plan adhering to academic calendar and university curriculum provided. This ensures the successful Completion of all modules within the prescribed time and schedule. 7. All the teaching learning activities are conducted as per calendar so that students can manage attendance, other activities properly. 8. The effectiveness of the process is maintained through effective monitoring by the Academic Coordinators as well conducting Course monitoring committee (CMC) meeting once in a month, along with student representatives of each classes at the respective departments, HoDs, Activity In-charge, respective Deans, Vice-Principal and Principal.

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://coek.dypgroup.edu.in/wp-content/uploads/2017/06/COs-PSOs-of-all-Departments_2019-20.pdf

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
625061210	BE	Mechanical	191	188	98.42
625037210	BE	E&TC	39	39	100
625024210	BE	Computer Science	134	134	100
625019110	BE	Civil	219	219	100
625050710	BE	Chemical	47	47	100
653203210	BArch	Architecture	85	83	98.79

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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://coek.dypgroup.edu.in/wp-content/uploads/2017/06/Student-Satisfaction-Survey_-2019-20.pdf

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	Total grant	Amount received

		agency	sanctioned	during the year
Projects sponsored by the University	365	DYPCET	172000	120400
Minor Projects	365	Shivaji University	10000	10000
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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
Seminar on Site development and planning for Residential sites	Architecture	23/09/2019
Art installation workshop	Architecture	10/02/2020
Workshop on "Architectural Origami"	Architecture	20/09/2019
Midas Software Training Program	Civil	14/09/2019
Microsoft Certification in Python and Machine learning program	CSE	27/09/2019
TCS Specific Training	CSE	13/01/2020
Barclay's Youth Employability Program	CSE	28/07/2019
Seminar on Ethical Hacking Cyber Security	CSE	26/09/2019
Seminar on How to prepare for Persistent Campus Drive	CSE	26/07/2019
Innovation building entrepreneurial mindset for creating our own dream job	Electronics and Telecommunication	13/01/2020
Tanning Programme Basic Metrology.	Mechanical	13/01/2020
T.T.L (Tata Technology Ltd) Ready Engineer Tanning Programme.	Mechanical	01/07/2019

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
Barclays The Innovation challenge	PunamM.Patil	Barclays	14/10/2019	Barclays The Innovation challenge
Barclays The Innovation challenge	Manali M. patil	Barclays	13/10/2019	Barclays The Innovation challenge

Barclays The Innovation challenge	Siddhi D. Patil	Barclays	12/10/2019	Barclays The Innovation challenge
Barclays The Innovation challenge	Pranav S. gadekar	Barclays	11/11/2019	Barclays The Innovation challenge
Barclays The Innovation challenge	PritamP.dey	Barclays	10/10/2019	Barclays The Innovation challenge
Drishti Online Contest	Komal S Burungale	Edgate Technologies, Texas Instruments	30/03/2020	Drishti Online Contest
Drishti Online Contest	Nishikant B Bilaskar	Edgate Technologies, Texas Instruments	30/03/2019	Drishti Online Contest
Shilpkar Jivan Gourav Purskar	Vijay B. Awati	Civil Engineering Construction Society	25/12/2019	Shilpkar Jivan Gourav Purskar
EIA - National Art Exhibition	Ar. Gouri Kulkarni	Kalanirvana Art Center	06/12/2019	EIA - National Art Exhibition

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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
Nill	Nill	Nill	Nill	Nill	Nill

No file uploaded.

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
CSE	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	Electronics and Telecommunication	5	0
International	Chemical	3	0
International	First Year	1	0

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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
Electronics and Telecommunication	3
CSE	1
Mechanical	2
Chemical	1

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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
Clean Synthesis of Benzyli denemalono nitrile by Knoevenage l Condensa tion of Be nzaldehyde Malononitr ile: Effect of Combustion Fuel on Activity S electivity of Ti-Hydr otalcite Z n-Hydrotal cite Catalysts	Dr.A L Jadhav	Journal of Chemical Science	2019	3	Departme ntal of Chemical E ngineering , Institute of Chemical T echnology, Mumbai,	1
Zn- and Ti-Modi?ed Hydrotalci tes for Tr ansesteri? cation of Dimethyl T erephthala te with Ethylene Glycol: E?ect of the Metal Oxide and Catalyst Synthesis Method	Dr.A L Jadhav	ACS-Omega	2019	3	Departme ntal of Chemical E ngineering , Institute of Chemical T echnology, Mumbai,	1
Performa	Dr.Kiran	Journal	2019	2	S.D.M.	1

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
nce of various pozzolanic materials on the properties of concrete made by partially replacing natural sand by manufactured sand	M.Mane,	of Building Pathology and Rehabilitation				College of Engineering and Technology, Dharwad, Karanataka
Fuzzy integrated salp swarm algorithm-based RideNN for prostate cancer detection using hist opathology images	Dr. Kshama V. Kulhalli	Evolutio nary Intel ligence	2020	6		D Y Patil College of Engineerin g and Technology	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
To Study the Effect of Pretrea tment on Dry Sugarcane Leaves	Dr.R. A. Patil	IOP Conference Series: Material Science En gineering	2020	Nill	Nill	D Y Patil College of Engineerin g and Technology
Clean Synthesis of Benzyli denemalono nitrile by Knoevenage l Condensa tion of Be nzaldehyde Malononitr ile: Effect of Combustion Fuel on Activity S	Dr.A L Jadhav	Journal of Chemical Science	2019	3	1	Departme ntal of Chemical E ngineering , Institute of Chemical T echnology, Mumbai,

electivity of Ti-Hydrotalcite Zn-Hydrotalcite Catalysts						
Zn- and Ti-Modi?ed Hydrotalcites for Transesteri?cation of Dimethyl Terephthalate with Ethylene Glycol: E?ect of the Metal Oxide and Catalyst Synthesis Method	Dr.A L Jadhav	ACS-Omega	2019	3	1	Departmental of Chemical Engineering, Institute of Chemical Technology, Mumbai,
Effectiveness of CFRP Composites on Compression Flange of Structural I-Beam	Prashant R. Jagtap and Sachin M. Pore	Journal of Engineering, Design and Technology	2019	Nill	Nill	D Y Patil College of Engineering and Technology
Performance of various pozzolanic materials on the properties of concrete made by partially replacing natural sand by manufactured sand	Dr.Kiran M.Mane,	Journal of Building Pathology and Rehabilitation	2019	2	1	S.D.M. College of Engineering and Technology, Dharwad, Karanataka
Fuzzy integrated salp swarm algorithm-based RideNN for prostate cancer	Dr. Kshama V. Kulhalli	Evolutionary Intelligence	2020	6	1	D Y Patil College of Engineering and Technology

detection using hist opathology images							
A Multid imensional Anonymizat ion method to protect online released user's data from different types of attacks and validation of released large dataset in public domain,	Dr. Kshama V. Kulhalli	Internat ional Journal of Advanced Science and Technology	2019	6	Nill	D Y Patil College of Engineerin g and Technology
Preserva tion of privacy using mult idimension al k-anonymity method for non-relati onal data	Dr. Kshama V. Kulhalli	Internat ional Journal of Recent Technology and Engine ering	2019	6	Nill	D Y Patil College of Engineerin g and Technology
A novel approach for Pre-Pr ocessing the whole slide images of prostate h istopaholo gy for improved diagnosis	Dr. Kshama V. Kulhalli	Journal of Advanced research in dynamical and control systems	2019	6	Nill	D Y Patil College of Engineerin g and Technology
Review and Analysis of Simulation Results for Consumer Attack Model and	Dr. S V Sankpal	Lecture Notes in Networks and Systems	2019	5	Nill	D Y Patil College of Engineerin g and Technology

Grid Sensor Placement Algorithm				

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	8	25	25	Nill
Presented papers	8	2	Nill	Nill

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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
Tree Plantation	National Service Scheme-DYPCET	4	40
Introduction Meet	National Service Scheme-DYPCET	4	150
Paper Bag Manufacturing workshop	National Service Scheme-DYPCET	4	450
Independence Day	National Service Scheme-DYPCET	4	200
Raksha Bandhan Activity at Blind School	National Service Scheme-DYPCET	4	50
Clothes Donation for the People in Kerela	National Service Scheme-DYPCET	4	300
Guest Lecture on Wildlife	National Service Scheme-DYPCET	4	170
Adventure Trek at Rangana	National Service Scheme-DYPCET	4	40
Police Mitra	National Service Scheme -DYPCET/ Juna Rajwada Police Station	4	300
Cleaning on the Rajaram Bandhara Ghat	National Service Scheme -DYPCET	4	190

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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
International Design Competition - Bus Shelter for your city	3rd Rank	Arcasia Committee on Architectural Education (ACAE)	3
National Design Competition - Open Museum for Police, Kolhapur.	Winner	Kalabdhi 2020"	5
National Sketching Competition -	2nd winner	Shrikar Garde Award of Excellence for Sketching"	1
International Design Competition - Office design in Bangalore	"Honorable Mention"	Top 50 worldwide at the 'Archdias" International Level Competition	3
Annual Design Competition (ANDC)	Shortlisted in top 24	62nd Annual NASA (National Association of Students of Architecture)	4
National Design Competition – Informal Landscape design in 12' X 12' Area	Winner 1st Prize	Landscape Competition by Garden Club, Kolhapur	9
National Design Competition - Autonomous Off Grid House for a Farmer	2nd Runner up	KISAN FORUM 2019	3
International Design Competition - Sports Hospital Design	2nd Runner up	Hosmac Health Care	4
National Design Competition - Leprosy Slum Design	5th in series	Vidyarthi Awards 2020 (Pune Const. Engg. Research Foundation)	5
National Design Competition - Restaurant Design	Top 5	The Drawing Board International Competition	3
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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
Swachh Bharat	NSS, DYPCET D.Y. Patil Group	Cleaning at flood affected area	4	325

Swachh Bharat	NSS, DYPCET	Cleaning at Kalasubai Peak	4	80
Swachh Bharat	NSS Adventure Club, DYPCET Hill Riders club	Cleaning activity during Panhala to Pawankhind trek	5	50
Awareness	NSS, DYPCET Nandgaon Gram Panchayat	Dengue Malaria Awareness at Nandgaon Village	10	120

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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
Education Research Escola	34	Intstitution	1095

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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
Internship	Professional training	Mayuresh Industries, Kolhapur	23/05/2019	16/09/2019	03
Internship	Professional training	Renutron Power Solutions (I) Pvt. Ltd, Kolhapur	01/01/2019	29/06/2019	03
Internship	Professional training	Prathmesh Industries, Kolhapur	23/05/2019	16/09/2019	01
Internship	Professional training	Whiz Key OpcPvt. Ltd, Pune	11/12/2019	28/12/2019	01
Internship	Professional training	Indiam Tec hnologies, Kolhapur	10/12/2019	22/12/2019	01
Industrial Visit	Analog Com munication	Air Station Kolhapur Panhala	21/09/2019	21/09/2019	68
Industrial	Analog Com	RENUTRON	07/03/2020	07/03/2020	26

Visit	munication	Power Solutions India Pvt.Ltd., Kolhapur			
Internship	Professional Training	Aqua Alloys,Chandghad Shinoli.	08/06/2019	25/06/2019	01

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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
EvolvingX Services (OPC) Pvt. Ltd	21/05/2020	Entrepreneurship Developments	120
Walchand COE,Sangli	30/05/2020	AICTE Margdarshan Scheme	2640
Expetrons,Mumbai	13/05/2020	Training Placements	550
Sandip Ghatge Group, Kolhapur	12/03/2020	Projects, Industry, Training Placement assistance	120
Ajaysinh Desai Builders Developers, Kolhapur	05/03/2020	Projects, Industry, Training Placement assistance	300
Relish Infosoft,Kolhapur	03/03/2020	Projects, Industry, Training Placement assistance	120
Star Certification LLC	28/02/2020	Training Certifications	300
Om Software Technologies	15/02/2020	Projects, Industry, Training Placement assistance	120
A-Vision Industries	10/01/2020	Projects, Industry, Training Placement assistance	360
CII	03/01/2020	Industrial Membership	2640

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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
462.4	496.51

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Others	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Video Centre	Existing
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
Nill	Nill	Nill	2020

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	50943	13187097	1050	315000	51993	13502097
Reference Books	3429	5974592	Nill	Nill	3429	5974592
e-Books	3939	77290	Nill	Nill	3939	77290
Journals	68	214500	Nill	Nill	68	214500
e-Journals	11423	128620	Nill	Nill	11423	128620
Digital Database	2	57820	Nill	Nill	2	57820
CD & Video	1854	Nill	Nill	Nill	1854	Nill
Library Automation	Nill	Nill	Nill	Nill	Nill	Nill
Weeding	Nill	Nill	Nill	Nill	Nill	Nill

(hard & soft)					
Others(s pecify)	Nill	Nill	Nill	Nill	Nill

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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
Nill	Nill	Nill	Nill

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	721	562	721	23	69	25	152	400	52
Added	0	0	0	0	0	0	0	100	0
Total	721	562	721	23	69	25	152	500	52

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

500 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
Nill	NA

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
462.4	496.51	46	43.29

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)

The college policy is to provide the state of the art infrastructure based on the four major categories as follow: i) Teaching learning infrastructure. ii) Laboratory space and equipments. iii) Recreational facility. iv) Administrative space for office and other administrative purpose. The college proactively takes part in enhancing the infrastructure in view of healthy, comfort and technology based environment necessary for teaching and learning. The college reviews the entire infrastructure in view of change in syllabus by the university or any other additional courses that may be started. The building

committee process is explained as below: HODs give new requirement as per AICTE rules to the Principal for verification. Building committee verifies, scrutinized the requirements and forwards it to the management for approval. Tenders are invited from various concerned agencies. Finally building committee and management get the work done. The campus maintenance process of the institute is given as follows: A maintenance register is maintained at important locations in the campus. These maintenance registers are read by the Maintenance officer to analyze the complaint. All the important and major complain are found out. These complaints are categorized based on 4 categories as: Building complaints, Plumbing complaints, Electrician complaints and IT Infrastructure complaints. Appropriate labors are appointed to get the work done based on the complaints identified. Once the work is complete a work completion report is taken from the concerned workers. Lab Maintenance process is summarized as follows: Lab in charge identifies the components for repair. List of components to be repaired is provided to HOD. After verification by HOD requirements are given to the maintenance committee. Maintenance committee scrutinized the requirements. After this requirements are given to HOD for the maintenance. In addition to the processes mentioned above in order to accomplish the vision and mission of the college the institute has various procedures and policies to assure full utilization of the resources. We have well equipped Laboratories, Library, Sorts complex shared among D. Y. Patil group Educational Institutions. We have NSS, Community services, Gymkhana for overall development and growth of our students in a versatile manner. We have different cells active in our college such as EDC cell (Enerprenuar Development Cell), III cell (Industry Institute Interaction), Anti-Ragging Cell, Grievance Redressal Cell, ICC (Internal Complaints Committee). Entire campus is Wi-Fi enabled. Each classroom is LCD equipped and well ventilated. The institute takes care of health and hygiene of all students by maintaining clean campus and surroundings. Clean and ample washrooms are available for students. The college canteen has food committee to assure healthy food to the students. Different clubs are formed for the students to keep their hobbies alive such as coding club, photography club, recreation club, etc.

https://coek.dypgroup.edu.in/wp-content/uploads/2017/06/Procedures-Polices-Infrastructure.pdf

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	1.Fee concession by management 2.Shantadevi Merit Scholership 3. Project Grant for final year students	223	2024493
Financial Support from Other Sources			
a) National	EBC and category scholarship	1996	105409635
b)International	Nill	Nill	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	Date of implemetation	Number of students	Agencies involved

enhancement scheme			enrolled	
Soft Skill Training	30/01/2020		143	O2 Breathing
Soft Skill Training	28/01/2020		74	O2 Breathing
Soft Skill Training	19/01/2020		142	O2 Breathing
Dance in Architecture	17/10/2019		84	Prof. T Sagar , SIT Tumkur
Film Making	19/09/2019		84	Mr. Vidyasagar Adyapak (Head of Tommato FM, Kolhapur)
Film Making	20/08/2019		84	Mr. Vidyasagar Adyapak (Head of Tommato FM, Kolhapur)
Training Program	16/01/2020		456	Sanir Kittur (Apt-Tech Academy)
Training Program	29/08/2019		456	Sanir Kittur (Apt-Tech Academy)
Training Program	30/07/2019		456	Barclays Youth Employability Program 2019
Training Program	20/09/2019		456	Sanir Kittur (Apt-Tech Academy)
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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
2020	GATE Club	Nill	10	Nill	Nill
2020	Placement Club	Nill	Nill	Nill	12
2020	Placement Club	Nill	30	Nill	9
2020	"1. Course on Ethical Hacking and Cyber Security (Certified Information Security and Ethical Hacker)- 27	Nill	27	Nill	53

2020	"2. Microsoft Certification in Python Programming and Machine Learning- 38 "	Nill	38	Nill	53
2020	Higher education club	Nill	191	Nill	1
2020	National level competition TIFFAN	20	20	Nill	3
2020	Placment cell	Nill	191	Nill	97
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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
Nill	Nill	Nill

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
Capgemini	52	10	Bhale Pathe and associates	1	1
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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
2020	1	BE	Chemic	IIT Guwahati Assam	M. Tech
2020	2	BE	ENTC	DYPCET, Kolhapur	M. Tech
2020	2	BE	Civil	University of Sydney	MS
2020	5	BE	Civil	WCE, sangli, SGI,	M.Tech

2020	1	BE	CSE	Rutgers University, New Brunswich, New Jersey	M.S. (Data Science)
2020	3	BE	CSE	M.S.Bidve CoE, Latur, RIT, Sakharale, DYPCET, Kolhapur	M. Tech
2020	1	BE	Mech	MITWPU, Pune	M.Tech
2020	1	B. Arch	Architecture	Savannah College of Art Design, U.S.A.	M.S. (Interior design)
2020	1	B. Arch	Architecture	CEPT University, Ahmadabad	M. Arch.
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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	7
NET	Nill
SET	Nill
SLET	Nill
GATE	3
GMAT	Nill
CAT	Nill
GRE	Nill
TOFEL	Nill
Civil Services	Nill
[View File](#)	

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

Activity	Level	Number of Participants
Arpan 2020 Annual Social Gathering Nill	Institution	130
Arpan 2020 Annual Sports Nill	Institution	1468
Engg. Lead College Badminton (MW) Tournament 2019-20 Nill	University	42
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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
2020	MIT WPU SUMMIT Pune Football Competition	National	1	Nill	01	Mr. Digvijay Rajput (TE- CSE)
2020	KJSM Mumbai Football Competition	National	1	Nill	01	Mr. Digvijay Rajput (TE- CSE)
2020	COEPZEST Pune Football Competition	National	1	Nill	01	Mr. Digvijay Rajput (TE- CSE)
2020	Advaith 2020, Cultural Competition GIT Belagavi	National	Nill	1	15	Mr. Chinmay Gawas(SY- ETX)

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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 has a unique culture of student driven activities and clubs. The students are a part of planning, implementation and execution of all cultural, social and sports activities. The institute is committed to create conditions that motivate and inspire the students to devote time and energy to educationally purposeful activities in and outside the classroom. The institute also has various clubs such as Art, Craft Culture, Higher Education, Robotics, Health Fitness, Coding, Movie, Photography Adventure etc. After commencement of every academic year, fresh committees are formed on voluntary basis. Each committee has to decide their activity calendar, resources required and execute it. Students plans different activities and make an event calendar. These activities extensively uses their managerial skills in designing the events, advertisements, inviting guests and judges, preparing their own teams, celebrity guests from outside etc. Student council organizes different activities such as celebration of national days, annual gathering, traditional day, sports competitions, cultural activities, NSS camps along with Social responsibility awareness programmed. In addition to planning events that contribute to institute spirit and community welfare, the student council is the voice of the student body. With such activities they become responsible, organized, and most importantly a good leader. They can work well with others, as well as contribute their thoughts and ideas to a group which ultimately helps them in developing their personality.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

D.Y. Patil College of Engineering and Technology Alumni Association is registered with registration no. Maha/24592/KO. The objectives of this association are as under: To help in the overall development of Institute. To help the students by assisting with job opportunities. To provide scholarships to economically weaker students. To encourage meritorious students by providing them prizes in cash or kind. To arrange motivational lectures by alumni for personality development of students. To arrange Alumni meets. To participate in social and cultural programs organized by the Institute. To provide guidance related to competitive examinations by the alumni working in government sector. To shoulder the responsibilities delegated by the institute.

5.4.2 – No. of enrolled Alumni:

3447

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

268439

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni Meet was organized on 29th February 2020.

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)

D.Y. Patil College of Engineering and Technology has a participatory administrative structure that involves the teachers as well as the students in College administration from the lowest to the highest levels. Transparency is rooted in the institutional culture of D.Y. Patil College of Engineering and Technology and is reflected at the highest levels of decision-making and the day-to-day administration of the College. The D.Y. Patil College of Engineering and Technology functions through its Board of Directors. The Governing Body constituted as per the norms of the University Grants Commission and AICTE. The Board of Directors meets regularly to discuss all administrative, academic and financial matters. Deans are appointed under various sections of academics. Dean-Academics, Dean-RD, Associate Dean – Examinations, Dean- IQAC report to principal directly about the status and progress. Dean-student affairs, Dean-III, Dean- Administration, Associate Dean – Campus Maintenance, Associate Dean – Alumni affairs, all statutory non- statutory committees at college level, all students' clubs are supposed to report Vice-principal. The vice-principal should report the status and progress of all activities under his supervision to principal on weekly basis. As the institute is affiliated to Shivaji University, Kolhapur, the faculty involved in the Board of Studies (BoS) give inputs to decide on all academic matters such as curriculum, syllabus, and examinations. Faculty members representing each Department, student representatives, representatives from the industry and other walks of life, deliberate and decide on all academic matters in the Departmental Advisory Board (DAB) meetings. Meetings of deans and other statutory bodies are conducted for policy making. Monthly meetings of the Heads of Departments are held to discuss and deliberate upon wide-ranging academic and administrative matters. Class teachers conduct meetings with student representatives to discuss academic issues and report them to the head of the department. The head of the department takes corrective action and inform the concerned faculty. Weekly departmental meetings are conducted for smooth functioning of department.

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
Admission of Students	Admissions are done as per the directives of Directorate of Technical Education, Mumbai Eligibility Criteria First-Year – Engineering (1) Maharashtra State Candidature Candidate. - (I) The Candidate should be an Indian National (ii) Passed HSC or its equivalent examination with Physics and Mathematics as compulsory subjects along with one of the Chemistry or Biotechnology or Biology or Technical or Vocational subjects, and obtained at least 50 marks (at least 45 marks, in case of Backward class categories and Persons with Disability candidates belonging to Maharashtra State only) in the above subjects taken together and obtained score in CET conducted by the Competent Authority. Or (ii) Passed Diploma in Engineering and Technology and obtained at least 50 marks (at least 45 marks, in case of Backward class categories and Persons with Disability candidates belonging to Maharashtra State only) Or ii) Passed B.Sc. Degree from a Recognized University as defined by UGC and obtained at least 50 marks (at least 45 marks, in case of Backward class categories and Persons with Disability candidates belonging to Maharashtra State only) and passed XII standard with Mathematics as a subject. (2) All India Candidature Candidates, Jammu and Kashmir Migrant Candidature Candidates.- (I) The Candidate should be an Indian National (ii) Passed HSC or its equivalent examination with Physics and Mathematics as compulsory subjects along with one of the Chemistry or Biotechnology or Biology or Technical or Vocational subjects and obtained at least 50 marks (at least 45 marks, in case of Backward class categories and Persons with Disability candidates belonging to Maharashtra State only) in the above subjects taken together and obtained score in JEE Main Paper I or in CET conducted by the Competent Authority (ii) Passed Diploma in Engineering and Technology and obtained at least 50 marks (at least 45

marks, in case of Backward class categories and Persons with Disability candidates belonging to Maharashtra State only) Or ii) Passed B.Sc. Degree from a Recognized University as defined by University Grants Commission and obtained at least 50 marks (at least 45 marks, in case of Backward class categories and Persons with Disability candidates belonging to Maharashtra State only) and passed XII standard with Mathematics as a subject. Direct Second Year (Lateral Entry) - Engineering /Technology (1) For Maharashtra State Candidature Candidate and All India Candidature Candidate, - (I) The Candidate should be an Indian National (ii) Passed Diploma Course in Engineering and Technology with at least 45 marks (40 marks in case of candidates of backward class categories and Persons with Disability belonging to Maharashtra State only) in appropriate branch of Engineering and Technology from an All India Council for Technical Education or Central or State Government approved Institution or its equivalent Or (ii) Passed B.Sc. Degree from a University Grants Commission (UGC) or Association of Indian Universities recognized University with at least 45 marks (40 in case of candidates of Backward class categories and Persons with Disability belonging to Maharashtra State only) and passed HSC with Mathematics as a subject. Provided that students belonging to this category shall clear the subjects of Engineering Graphics/ Engineering Drawing and Engineering Mechanics of the first year Engineering Program along with second-year subjects. First Year- Architecture (1) Maharashtra State Candidature Candidate, All India Candidature Candidate, Jammu and Kashmir Migrant Candidate. - (I) The Candidate should be an Indian National (ii) Passed HSC or its equivalent with Mathematics and obtained at least 50 marks in aggregate (at least 45 marks in aggregate in case of candidates of Backward class categories and Persons with Disability belonging to Maharashtra state only) or as declared by the Appropriate Authority, from time to time Or (ii) Passed (103) Full-time Diploma examination recognized by All India

	Council for Technical Education or Central or State Government or its equivalent examination and obtained at least 50 marks in aggregate (at least 45 marks in aggregate in case of candidates of Backward class categories and Persons with Disability belonging to Maharashtra state only) with Mathematics as compulsory subject or as declared by the Appropriate Authority, from time to time (iii) The Candidate should have obtained at least 40 marks at the National Aptitude Test in Architecture (NATA), conducted by the Council of Architecture.
Industry Interaction / Collaboration	• Industry Interaction / Collaboration Efforts by Training and Placement office • The Institute has linkages with various top Industry recruiters like TCS, WIPRO, CAPGEMINI , Vaibhav Tech-Solutions Pvt. Ltd, Ghatge Patil Industries Ltd.etc. • Students are assessed by a Mobile / Desktop based online assessment platforms like HireMee and Cocube • Various soft skill training programs like various software training , training for Campus recruitments, language training are carried out by the cell. • A lecture series from the industrial experts Leaders Talk is organized on regular basis. • The Training and Placement officer visits various companies for interaction and extending invitation for campus visits. • Top executives and entrepreneurs are invited to interactions with students and faculty. • Feedbacks from employers and companies visiting for campus recruitment is solicited for inputs on efforts to be undertaken for improving the employability of the students. Efforts by Industry Institute Interaction Cell • The Institute has formed an Industry Institute Interaction Cell (IIIC) with the aim of fostering better industry-institute interactions. The Industry Institute Interaction Cell (IIIC) strives to enhance industry interaction with students and bridge the gap between academic and corporate worlds. • HR meets are organized annually. • III meet was organized. Most of the Industrialists from Shiroli, Gokul Shirgaon and Kagal MIDC attended the meet and shared their concerns about their expectations from fresh

	engineers. • The following activities are regularly followed to enhance IIPC activities o Monetory help and technical guidance is provided to students to participate in various national level project competitions like KPIT by Sparkle, TIFAN, ATOS by SYNTEL, and EPAM by BARCLAYS , Tecnical innovation challenge (for first year students) and HAKETHON by SYNTEL etc. o Final year students are encouraged to do Industry oriented projects on live problems. o Financial aid is given to deserving projects under PGCS scheme. o Students are encouraged to undetake sponsored projects.
Human Resource Management	• Human Resource Management The institute follows all the rules and regulations prescribed by AICTE, UGC, State Govt. and affiliating university the pay scale, leaves, vacation are as per Govt. Rules and regulations.
Library, ICT and Physical Infrastructure / Instrumentation	• Library, ICT and Physical Infrastructure / Instrumentation • Every year new books and journals are added in the Central library as per the recommendations of faculty, students and according to AICTE/UGC norms. • OPAC Software is provided for personal assistance to each user while accessing the library books. • Digital library section at the central library with internet access facility to access to NPTEL, IEEE, GATE software, J-GATE, N-List, K-HUB, ASTM, Art and architecture complete, 50 amazing Homes in India – video library, NDL, Self-Learning Blog etc. . • The digital library has also been set up for the convenience of the students and staff to enable them to refer to e-journals. • Every department has individual whiteboard, LCD projector in every classroom, system with internet connection Added features: • Fully computerized bar-coded circulation services • Reference Services (Encyclopedia, Dictionary, Year-books, Handbooks and Previous year question papers) • Online full-text access to international journals • DELNET (Developing Library Network) Service • Open Access System • CCTV surveillance system Physical Infrastructure The institute has adequate infrastructures which include, seminar Hall equipped with projector with seating capacity of 200-250

	members, Faculty rooms, Board room, Office, Classrooms, Tutorial rooms, Girls common rooms, Laboratories equipped with necessary hardware and software, communication Laboratory, Library, Internet and wi-fi facility in the entire building. Internet facilities The Institute has a dedicated Internet Leased line of 500 Mbps for Students and Staff available 24 hours free to access. It also hosts an FTP server for e-library. Wi-Fi facilities The Institute is also covered with a 24-hour Wi-Fi network which is available for access throughout the campus.
Research and Development	A separate Research and Development cell functions with a Dean R D appointed to develop the research culture in the Institute. Faculty are constantly encouraged to present research papers in International and National Journals / Conferences. one Faculty member have completed their Ph.D. in the academic year 2019-20. Faculty and PG/PhD students publish research papers in peer-reviewed National and International Journals. New laboratories have been developed on the research work of faculty members, which are available for students and staff for their research work. Seed money is given to students under PGCS scheme for research based projects. 18 Projects have been funded by institute during academic year 2019-20. Sharing of the consulting revenue to the consultancy team. The Institute provides financial assistance for attending seminars conferences, workshops. The institute gives away monetary awards to faculty publishing research articles in the journal of repute like SCOPUS, WoS etc. The Institute provides a platform for faculty to take up research endeavors through its MOUs with prominent organizations like College of Engineering, Pune walchand College of Engineering Sangli. Effective performance-based appraisal system (PBAS) approach is used for assessing their performance for future career growth. ·
Examination and Evaluation	Two Internal Exams are conducted by our Institution and Semester Examinations are conducted by Shivaji

	University. Internal Examinations/Evaluation Reforms like continuous assessment, Unit tests are initiated by the Institution Examination by MOODLE. Open Book Test. Re-test for students. Evaluation reforms initiated by affiliating University. Online Multiple-Choice Questions.
Teaching and Learning	• Teaching and Learning Effective teaching methods like, Interactive teaching to create interest in the students, PowerPoint presentations, live demos are in place. • To enhance the subject knowledge, tutorial classes are arranged. • For slow learners, remedial classes are arranged by the respective subject teachers. • Assignments are given on theory and practical components. • Mentoring and counselling of slow learners are part of teaching and learning process. • Unit-wise Question banks and university Old question papers are discussed in the Discussion hours. •Guest lectures from industry experts, Seminars by students on current trends, Techno-cultural fest help the students to enhance their knowledge. • In order to help the students, hands-on exposure, Industrial visits, field visits, site visits are regularly organized. • Students are motivated by Faculty continuously to present and publish papers at national and international conferences and symposiums. • Student chapters help the students to gain knowledge and information in the subject as well as to get industry exposure. • Language lab for communication improvement. • Special labs (Cloud Computing lab, TEXAS instrument Lab, CYPRAS semiconductor lab) have been developed to expand the horizons of the students apart from the curriculum. • Faculties are encouraged to regularly attend FDP's and Workshops to update their knowledge from time to time which helps in the teaching-learning process. • Students are motivated to participate in a variety of intercollegiate, inter-university competitions. • All the students are given internet facilities and access to online journals. • Digital library section at the central library with internet access facility to access to NPTEL, IEEE, GATE software, J-GATE, N-

	List, K-HUB, ASTM, Art and architecture complete, 50 amazing Homes in India – video library, NDL, Self-Learning Blog etc. . • Technical symposium Organizing annual events like TECHNOFEST, a national technical symposium.
Curriculum Development	The Institute is affiliated to Shivaji University and follows the syllabus prescribed. Faculty involved in the BOS take the suggestions from the stakeholders and communicates to the concerned university authority. Each department has a Departmental Advisory Board (DAB) which consists of industrial and external academic experts. DAB members send their suggestions for curriculum development to the university through faculty representing at the university level. · Soft skills programs are organized for all students. · Entrepreneurship Development Cell has been formed in the Institute to inculcate entrepreneurial spirit. · Feedbacks from Alumni, Industry Experts, and Visiting Faculties are taken for their inputs for the development of curriculum. · Contents beyond syllabus and Experiments beyond syllabus are also conducted.

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

E-governace area	Details
Planning and Development	ERP software GEMS is used for academic planning involving various activities. Feedback of students is used to improve the teaching-learning process and develop new methodologies. Library uses GEMS for issuing books to students. OPAC is used to check the availability of books. Use of Google sheets/excel sheetsis done for data transaction of academic and administrative nature. Few of them are mentioned below: a. Syllabus and Lesson planning is done in GEMS b. Timetable Management and workload management. c. Record of makeup classes and extra classes. d. Identifying slow and Advanced learners and plan sessions for them accordingly. e. Identifying the defaulter students through GEMS and take appropriate actions. f. Mapping of CO, PO, PSO g. Requisition of Consumables and semi-consumables
Administration	ERP based activities are used for administrative purpose too. Some of the

	administrative tasks carried out by ERP software(GEMS) include assigning roles to access ERP reports as per hierarchy (Deans, Head, etc.), Employees Leave, Library, Biometric attendance monitoring for Employees and Students.
Finance and Accounts	Finance and accounts section uses Tally and Microsoft excel for carrying out various accounting activities. Accounting activitiescarried out using Tally software are a. Cheque printing b. Cash Book/Bank Book maintenance c. Maintenance of ledger Following tasks are achieved using Microsoft excel: a. Bank reconciliation statements (BRS) Following tasks are achieved using GEMS ERP : a. Preparation of salary bills b. Preparation and maintenance of student's fees record c. Fees register
Student Admission and Support	Student admission and maintenance of data are done through ERP software (GEMS) a. Issue /return of library books. b. Issuing of I-cards to students. c. All types of certificates required by the students (Bona-fide, Leaving Certificate, Transfer Certificate, Character Certificate) are generated by using GEMS Our Institute has evidenced several benefits after adopting e-governance in its various activities such as increased efficiency, transparency in academic and administrative work, reduction in costs, encouragement and participation in governance by all stakeholders and empowerment of faculty and staff.
Examination	Students are provided lecture-notes, University question papers and presentations on various topics on GEMS. The MCQ based examinations are conducted on GEMS. As the examinations are carried out by Shivaji University, all the examination related activities (Paper setting, Assessment, remuneration to faculty) are in control of Shivaji University.

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
2020	Prof. R. G. Sawant	Integrating Effect –	COA-TRC DYPCET	10000

		Integrating Effective and innovative methods for technical subjects in architecture curriculum		
2020	Prof. I. S. Jadhav	Integrating Effect – Integrating Effective and innovative methods for technical subjects in architecture curriculum	COA-TRC DYPCET	10000
2020	Prof. N. D. Jirge	Integrating Effect – Integrating Effective and innovative methods for technical subjects in architecture curriculum	COA-TRC DYPCET	10000
2020	Prof. T. B. Pingale	Integrating Effect – Integrating Effective and innovative methods for technical subjects in architecture curriculum	COA-TRC DYPCET	10000
2020	Prof. S. Y. Damugade	Integrating Effect – Integrating Effective and innovative methods for technical subjects in architecture curriculum	COA-TRC DYPCET	10000
2020	Prof. G. N. Vinchu	Integrating Effect – Integrating Effective and innovative methods for technical subjects in	COA-TRC DYPCET	10000

		architecture curriculum		
2020	Prof. G. S. Wagale	Integrating Effect – Integrating Effective and innovative methods for technical subjects in architecture curriculum	COA-TRC DYPCET	10000
2020	Prof. Niraj A. Haval	CISCO IoT Instructor Training Program	CISCO Networking Academy	2500
2020	Prof. Niraj A. Haval	Academy Conference, Bengalury 2020	CISCO Networking Academy	2500
2020	Prof. A. M. Kasabe	CISCO IoT Instructor Training Program	CISCO Networking Academy	2500
		[View File](#)		

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)
2020	Nill	Workshop on Skill Enhancement of LAB ASSISTANTS	23/12/2019	28/12/2019	Nill	30
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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
Reactive Separations: Fundamentals Through Modeling Simulation	8	23/12/2019	27/12/2019	5
Resource	1	30/01/2020	30/01/2020	1

Person- Recent Advances in Environment Safety in Chemical Industries				
STTP-Advanced Structural analysis and Design of Earthquake Resistant Structures'	1	10/06/2019	14/06/2019	5
Workshop on Skill Enhancement of LAB ASSISTANTS	9	23/12/2019	28/12/2019	6
Workshop on "Research Methodology"	3	25/06/2019	25/06/2019	1
Awareness about NAAC Process	1	05/12/2019	05/12/2019	1
FDP on "Enhancing teaching skills for outcome based education"	1	18/12/2019	22/12/2019	5
FDP on "Creativity Innovation and Design Thinking"	1	18/06/2020	18/06/2020	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
163	Nill	43	135

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
• 6 months of Maternity leave for female faculty members. • 15 days Paternity leave for Male faculty Members • 10 days of medical leave • 15 days of casual leave • Duty leaves for attending conferences/seminars/ research activities and	• 6 months of Maternity leave for female staff members. • 15 days Paternity leave for Male faculty Members • 10 days of medical leave • 8 days of casual leave. • Duty leaves • Provision of PF facility for the staff members • 70 days'	• Government scholarships • Financial awards for meritorious students. • Transport facility to the college campus • Book Bank scheme at a nominal charge • Best outgoing student award • Placement assistance for existing

examination purposes and industrial training • 70 days' vacation leave • Provision of PF facility for the faculty members • Provision of special leave. • Gratuity • Fees concession to ward of Employee	vacation leave • Fees concession to ward of Employee	and passed out students • Counselling services for physical, mental, emotional wellbeing • Fee concession for deserving students. • Health care Insurance is provided to every student. •Shantadevi Merit Scholarship

6.4 – Financial Management and Resource Mobilization

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

The Institution conducts both internal and external financial audits. •Internal Audit: The Internal Auditors carry out both financial and systems audits regularly and submit the reports. The following areas are covered under internal audit: • Budget vs. Actual Performance • Thorough Revenue and Expenditure Audit • Fixed deposits and interest receipts • Fixed Assets and Purchases • Statutory Compliance on TDS, EPF ESI • Systems Analysis and Compliances • External Audit The accounts of the Institution are audited annually by the Statutory Auditors duly appointed by D.Y. Patil College of Engineering and Technology Association which is the registered body. The Statutory Auditors audit the financial and statutory compliance aspects of the College as per the Companies Act 2013 and the Income Tax Act 1961.

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
NA	0	NA
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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	Experts from DYP University, SGI, Atigre KITCOE, Kolhapur	Yes	Principal, Dean IQAC Dean Administration
Administrative	Yes	Experts from DYP University, SGI, Atigre KITCOE, Kolhapur	Yes	Principal, Dean IQAC Dean Administration

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

1.Oraganisation of Parent Teacher Meet 2. Autonomy awareness suggestion from parents 3. Training, Internships Placement suggestions discussion

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

1. Organized Skill Oriented Workshops 2. Training on Cloud Installation 3. Training for repair maintenance of Basic Accessories

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

1. Implementation of Outcome Based Teaching Learning Process 2. Establishment of Research Innovation laboratories in various departments for research scholars, students and teaching staff. 3. Project Grant for College Students (PGCS) for Final Year. 4. Transportation Facility – the institute has purchased an exclusive 4 buses for pick drop facility from nearby town and villages as well as commuting for industrial visits. 5. Initialization of Various Activity Clubs (Art, Craft and culture, Higher Education, Photography, Adventure, Health Fitness, Coding, Robotics Movie Clubs are formed to encourage students to participate in extra-curricular activities. 6. Entrepreneurship Development Cell has been formed in the Institute to inculcate entrepreneurial spirit. 7. Carrier Development Cell has been formed to provide exposure to learn Foreign Language Courses such as German, Japanese French.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	Yes
d)NBA or any other quality audit	Yes

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	One week faculty Development Program on Enhancing Teaching Skills for Outcome Based Education under Margadarshan Scheme of AICTE.	18/12/2019	18/12/2019	22/12/2019	153
2020	Two week National level FDP on E-Learning Resourses creation-A Beginning towards New Era of E-Learning	08/06/2020	08/06/2020	20/06/2020	500
2020	One week National Level	09/12/2019	15/12/2019	Nill	45

		faculty Development Program on Industrial Revolution Through Green Techno logyunder ISTE ,New Delhi.				
2020	One week workshop on Skill Enhancement of Laboratory Assistants under lead College activity of shivaji University, Kolhapur	23/12/2019	23/12/2019	28/12/2019	30
2020	Internal Academic Adm inistrative Audit (AAA)	22/09/2020	22/09/2019	05/10/2020	150
2020	Recognition of College under section 2(F) of the UGC Act, 1956.(Ref.No.F.No. 8-587/2019 (CPP-I/C) dated 19.2.2020	19/02/2020	19/02/2020	19/02/2020	Nill
2020	Permenant Affiliation by Affiliating University (Ref. No/ Shivaji Uni/ Affiliation/ T-2/140 dated 12 June 2020	12/06/2020	12/06/2020	12/06/2020	30
2020	Three days workshop on OBE Prepardness.	28/05/2020	28/05/2020	30/05/2020	25
2020	Linking of College	11/07/2019	11/07/2019	11/07/2019	153

Research Data with IRINS (Indian Research information Network System)					

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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
International yoga day	21/06/2019	21/06/2019	100	50
Tree Plantation	29/07/2019	06/08/2019	35	20
Celebration of TEACHERS DAY	05/09/2019	05/09/2019	300	100
Police Mitra Activity at Mahadwar road, Kop.	12/09/2019	12/09/2019	200	130
Guest Lecture on NSS Day.	24/09/2019	24/09/2019	150	100
Adventure Trek	28/09/2019	30/09/2019	30	20
Friday For Future (FFF) rally	28/09/2019	28/09/2019	100	95
ADVAITH 2020" Cultural Competition	13/03/2020	13/03/2020	6	5
"Cultural activity -ARPAN2020, Traditional Day, orchestra, variety Show, Mr. & Miss. DYPCET Competition "	16/02/2020	18/02/2020	70	40

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

Environmental consciousness: Programmes for environmental protection and sensitization among students and members of the faculty are organized in the

form of seminars / conferences / workshops /extension lectures, etc. Important days concerned with the environment -World Wet Day, World Forestry Day, World Water Day, World Earth Day, World Environment Day, World Ozone Protection Day, World Wild Life Week, etc. - are celebrated. Energy conservation 1. Institute has following practices to conserve energy by electronic equipments means • By Seeking out computing related equipment and services have the lowest footprint possible. • Ensuring that all computers have activated power management software to minimize energy consumption and put the computer in sleepy mode when not in use. Always turn off monitors. • Adopt guidelines for extending the life of computers and components (i.e. follow manufacturers guidelines) and maximize (i.e. re-use, repair, recycle). • Minimizing the paper work and wastages go through eco-friendly recycle process. • Use electronic method for the information / circulation/ notices etc. (thus minimizing paper use) 2. Institute employees go for policy of re-use, repair, recycle wherever possible in there working 3. Constructions are well ventilated and lighted and needs no artificial lighting. Still the institution has installed CFLs and LED'S, this has helped a lot in conservation of electricity. • The campus has been declared as a "No Smoking Zone". • Burning of litter and other waste material has been banned • Recycling of used paper is promoted • Electronic methods are used to link / convey / transfer the information ? e-waste management A. Efforts to reuse the e-Waste like computers to teach the basics at the First yearl level. B. Efforts to repair the computers and to be used for students and library. C. wherever possible recycling is done. Overall many activities planned as environment quiz, single leg race, walk for environment – enviornthon, ecofriendly stunting were focused to substantially aware the faculties and students of conservation of environment.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Provision for lift	Yes	2640
Rest Rooms	Yes	2640
Scribes for examination	Yes	3
Special skill development for differently abled students	Yes	50
Ramp/Rails	Yes	5
Physical facilities	Yes	2640

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
2020	1	1	16/08/2019	04	Food packing activity at Mahasainik Darbar Hall	During flood Helping the affected people	210

2020	1	1	20/08/2019	03	cleaned the area affected by flood for five days walivade	at walivade after flood	350
2020	1	1	12/01/2020	07	7 days residential camp at Nandgaon	NANDGAON	120
2020	1	1	21/01/2020	01	Blood Donation Camp	MESA Health and Fitness Club Mech anical Dept	181
2020	1	1	09/03/2020	01	Student wellness programme – healthc are education	D.Y.P.C .E.T.	20

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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)
women protection Abhiyan program: Self Defense Training Program for Girls Under Internal Complaints Committee	30/08/2019	On 30th August 2019,Internal Complaint Committee(ICC) arranged a program exclusively for all girl students in the college, "Self Defense Training Program for Girls". The main aim and objective of the program was to develop physical daring and defense skills among the girls for self protection if they face any problem or wrong behaviour such as molestation from anyone anywhere. Mr. Amol Bhosale who is a Black Belt Champion taught easy tact's of self protection and self defense through practical performance. Girls really enjoyed and learnt the seriousness of self defense. Girls from different departments

		interestingly participated. From Civil Department about 30 girls participated.
National Sports Day	29/08/2019	The sports day was celebrated by the students and staff. The event was inaugurated by Principal Dr.Mrs.Kulhalli. On the same day the chess competition were organised by the gymkhana.
After flood damage Assessment at various places:	20/08/2019	In this year many parts of India rain felt more as compared to previous years and that leads floods in almost regions in India. Especially Maharashtra affects more due to flood and need to assess damages for rehabitation. DYP, Group always ahead of contributing in such situation and initiative taken to involve. DYP, group of management, staff and students are involved in rehabitation and damages assessment work in various places like Rui Ghunki, Ranguli in Hatkanagle and Valivade village of Karveer and shirol divisions.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Adventure Trek at NAGESHWAR CAVES	28/09/2019	30/09/2019	40
Dandiya Fest	05/10/2019	05/10/2019	470
Independence Day	15/08/2019	15/08/2019	350
Food packing activity at Mahasainik Darbar Hall	16/08/2019	19/08/2019	210
Cleaning activity at Walivade	20/08/2019	22/08/2019	350
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Institute employees go for policy of re-use, repair, recycle wherever possible in there working.
Minimizing the paper work and wastages go through eco-friendly recycle process.
Constructions are well ventilated and lighted and needs no artificial lighting. Still the institution has installed CFLs and LED'S, this has helped a lot in conservation of electricity.
Electronic methods are used to link / convey / transfer the information
Efforts to repair the computers and to be used for students and library.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

i) Best practice – 1 Title : Implementation of OBE concepts of teaching learning evaluation Objective: To make the teaching learning more effective and more interactive. Context: The vision of the institute is to make students to learn fundamental concepts and improve thinking skills. Curriculum has been designed such that it would facilitate the students to learn the concepts and implement them. Practice: Blooms level, Course outcome and Programme outcome are mapped to frame questions for internal test and semester end exams(SEE). All faculty members are trained at department level to practice teaching based on OBE and setting question papers. Evidence of success: The level of understanding the concepts has been improved. This reflected in examination results and the activities that are carried out by the students. ii) Best practice – 2 Title: Teaching of various foreign languages like German and Japanese etc. Objective: To reduce language barrier for placement. Practice: The French and Japanese language courses conducted in the institute. The students those willing to get placement in German/Japan(especially mechanical/computer students) or German/Japanese companies completed these courses. Evidence of success: This increased the weightage of CVs of concern students and are eligible to apply for. ii) Best practice – 3 Title: ENERGY CONSERVATION. Objective: To educate Students regarding the necessity of energy conservation.. Context: In the institute at each electric point a messaging paper is pasted saying "Kindly switch off the lights when not in use". This made the students as well as staff to understand the importance of energy. Energy saving is energy generated. Practice: The UPS batteries are maintained in good condition and regularly checked, which reduces energy consumed for charging batteries. Energy conserving lights like CFL, T5 tube lights and LED's are used in the campus.. Evidence of success: This has reflected in reducing monthly electric bill. iv) Best practice – 4 Title : MENTORING Objective: To solve and reduce the student's problem. Context: In the institute each student is assigned a Mentor. Practice: In each department a group of students is assigned a mentor who takes care of students and keeps the record of all students. Collects the problems from students and forward them to HODs and principal which are not solved by mentor. Evidence of success: This has improved the performance of students in academic as well as they have become stress free.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
https://coek.dypgroup.edu.in/wp-content/uploads/2017/06/Best-practice-pdf_-2019-20.pdf

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

Vision of the Institution is, to aspire for the welfare of society through excellence in science and technology. Institution consistently inspires students and provides platform for technical skill development, multidisciplinary project development, Entrepreneurship development, Ethical and Human value development. With the trust of academic and technical excellence, Institution motivates and support students to participate in various National and International competitions like Interzoanl sports, NSS etc. Consistent participation and evidences of success proves distinctiveness of the Institution across the globe. Students learn ethics, team building, technical skills, presentation skills, project management and financial management they also experience their physical strength, healthy competitional environment and global standards by participating in globally recognized competitions. Institution not only encourages students to participate but also provides financial support to students in fees concession by management and 139 students get benefits with Rs18,28,493/- . Management also offer the students for merit scholarship and 12 students get the benefits of Rs48,000/-. Project grant for 72 students of final year Engineering with Rs1, 48,000/-. To inculcate the research activity among students institute offered project grant for college student scheme (PGCS) to final year students. At the beginning of academic year, student groups presented their project synopsis to the invited experts from industry academics and after their remark related to sanction of funds, the said amount is deposited in students bank account as per the prescribed policy.

Provide the weblink of the institution
https://coek.dypgroup.edu.in/wp-content/uploads/2017/06/Institutional-Distinctiveness-with-table.pdf

8.Future Plans of Actions for Next Academic Year

Strengthening teaching learning process, Enhancing R and D and Patenting activities, Enhancing Industry Institute Interaction and Partnership activities, More Emphasis on Industry, social and Research based project, Initiating various community development programs.