# YEARLY STATUS REPORT - 2021-2022

| Part A |
|---|
| **Data of the Institution** |

| | |
|---|---|
| 1.Name of the Institution | DR D Y PATIL EDUCATIONAL ENTERPRISES CHARITABLE TRUSTS DR D Y PATIL GROUP OF INSTITUTIONS DR D Y PATIL SCHOOL OF ENGINEERING |
| • Name of the Head of the institution | Dr. Farook Sayyad |
| • Designation | Principal |
| • Does the institution function from its own campus? | Yes |
| • Phone no./Alternate phone no. | 02035037922 |
| • Mobile No: | 9422646654 |
| • Registered e-mail | principal_dypsoe@dypic.in |
| • Alternate e-mail | farooksayyad@dypic.in |
| • Address | Dr. D. Y. Patil Knowledge City, Charholi(Bk.) via Lohegaon, Pune. |
| • City/Town | Pune |
| • State/UT | Maharashtra |
| • Pin Code | 412105 |
| 2.Institutional status | |
| • Type of Institution | Co-education |
| • Location | Urban |

| | |
|---|---|
| • Financial Status | **Self-financing** |
| • Name of the Affiliating University | **Savitribai Phule Pune University** |
| • Name of the IQAC Coordinator | **Mr Riyaj Latifuddin Kazi** |
| • Phone No. | **02035037922** |
| • Alternate phone No. | **9881839335** |
| • Mobile | **9175819682** |
| • IQAC e-mail address | **iqac_dypsoe@dypic.in** |
| • Alternate e-mail address | **riyaj.kazi@dypic.in** |
| **3.Website address (Web link of the AQAR (Previous Academic Year)** | https://adypsoe.in/iqac/2021-22/1.%20AQAR%202020-21.pdf |
| **4.Whether Academic Calendar prepared during the year?** | **Yes** |
| • if yes, whether it is uploaded in the Institutional website Web link: | https://adypsoe.in/iqac/2021-22/2.%20Academic%20Calender%202021-22.pdf |

**5.Accreditation Details**

| Cycle | Grade | CGPA | Year of Accreditation | Validity from | Validity to |
|---|---|---|---|---|---|
| **Cycle 1** | **B+** | **2.61** | **2018** | **03/07/2018** | **02/07/2023** |

| | |
|---|---|
| **6.Date of Establishment of IQAC** | **19/07/2016** |

**7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,**

| Institutional/Department /Faculty | Scheme | Funding Agency | Year of award with duration | Amount |
|---|---|---|---|---|
| **0** | **0** | **0** | **0** | **0** |

| | |
|---|---|
| **8.Whether composition of IQAC as per latest NAAC guidelines** | **Yes** |
| • Upload latest notification of formation of IQAC | View File |

| 9.No. of IQAC meetings held during the year | 4 | |
|---|---|---|
| • Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? | Yes | |
| • If No, please upload the minutes of the meeting(s) and Action Taken Report | View File | |
| 10.Whether IQAC received funding from any of the funding agency to support its activities during the year? | No | |
| • If yes, mention the amount | | |

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

1.Regular Meetings of IQAC 2.Outcome based planning, Supervision & Execution, Stakeholders feedback collected, analyzed and used for improvements. 3.Quality initiatives and benchmarks for students and teaching staff 4.Quality Audits: ISO, NABL, Financial, Academic, Administrative, Gender, Environment, Energy, Green Audits 5. Timely submission of AQAR 6. Participation in NIRF

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

| Plan of Action | Achievements/Outcomes |
|---|---|
| Meeting for discussion on plan of action prepared by IQAC for the A. Y. 2021-22 | A meeting is conducted on 09/07/2021. The plan of action was discussed and the suggestions of IQAC members are noted for consideration in revised plan of action & the same has been approved by IQAC. |
| Preparation and Checking of Course file with CO-PO Mapping | All Heads of Departments had checked the course files of faculties with e-contents and verified the CO-PO Mapping with justification. |
| Review of result analysis and corrective action | University Results of Semester-II were analyzed and corrective |

| | |
|---|---|
| | actions has been taken for improvement. |
| To conduct minimum two internal examination for each subject for indirect assessment and for continuous assessment. | Conducted internal examinations in hybrid mode by each department in semester-I and II as a part of indirect assessment and continuous assessment. |
| To attend professional development programs by the faculties | One hundred eighty programmes on professional development/Orientation Programmes/Refresher Courses attended by faculties |
| To Publish research papers in the Journals notified on UGC website | Twenty Nine research papers published by faculties in the Journals notified by UGC. |
| To publish books by faculties | Fifteen books published by faculties during the year |
| Faculties to undertake consultancy projects | Seventy two consultancy projects having 65 clients of amount Eight Lakh Fourteen Thousand Forty Two are undertaken by faculties & students |
| Patents to be filed by faculties | Eight Patents filed during the year |
| Patents to be published & receive grants for patents by the faculties | Six Patents Published and 2 granted. |
| To conduct Capacity building programs/workshops/training programs for students | Thirty Eight programs conducted for students during the year. |
| To initiate Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year | Three hundred Seven Students participated in internship/collaborative programs during the year. |
| Research contribution to Scopus by faculties | Nine Research contribution to Scopus by faculties |
| To sign MoUs with institutions, other universities, industries, corporate houses etc. during the | Twenty MoUs are signed and are functional during the year. |

| | |
|---|---|
| year | |
| To take feedback on Curriculum and its transaction from Students, Teachers, Alumni and Employers | Feedback taken, analyzed, and action taken report prepared and communicated Board of Studies. Report uploaded on website. |
| To conduct students satisfaction survey | Students Satisfaction Survey conducted. 71% of the students responded to survey. The most occurring expectations, observations, and suggestions are communicated to the head of the institute for necessary action and the same has been uploaded on website. Mean satisfaction level of the students for the institute is 3.0395 on the scale of ( 0-4) |
| To Participate in NIRF Submission/Auditing for NIRF | Participated in NIRF and report Submitted to MHRD |
| To Participate in India Today Ranking 2022 | Institute has Participated in India Today Ranking 2022 and secured overall rank of 126 in Private Engineering Institute Category. |
| To conduct an external academic and administrative audit | Institute has Conducted External academic and administrative audit from IQAC CLUSTER INDIA |
| To conduct external environment, energy and green audit. | Institute has Conducted External environment, energy and green audit.from IQAC CLUSTER INDIA |
| To conduct seminar on Awareness on National Education Policy, NEP 2020 | Institute conducted a seminar on NEP 2020 |

| | |
|---|---|
| **13.Whether the AQAR was placed before statutory body?** | **Yes** |

- Name of the statutory body

| Name | Date of meeting(s) |
|---|---|
| College Development Committee & IQAC | 09/01/2023 |

## 14.Whether institutional data submitted to AISHE

| Year | Date of Submission |
|---|---|
| 2023 | 18/01/2023 |

## 15.Multidisciplinary / interdisciplinary

Dr. D.Y. Patil School of Engineering (DYPSOE) is affiliated to Savitribai Phule Pune University (SPPU). Institute has been moving toward interdisciplinary and multidisciplinary courses in preparation of NEP 2020.

The institute follows to the SPPU's credit-based curriculum. The SPPU curriculum cover a variety of multi/interdisciplinary aspects. Audit courses are available in every discipline on topics including road safety, ethics and environmental sustainability etc.

Institute took a special effort to encourage both faculty and students to conduct multi/interdisciplinary research. With the use of project- or problem-based learning (PBL), institute encourages students to discover problems that call for an interdisciplinary or multidisciplinary response.

Institute encourages students to undertake sponsored projects in their final year that focus on real-world problems and take an interdisciplinary or multidisciplinary approach to finding a solution. Additionally, institute encourages students from other departments to create multidisciplinary projects in the form of robotics and IOT based models, solar vehicle models, and hybrid vehicle models so that they can compete in national and international challenges.

As part of active involvement in various student club activities, students gain knowledge of interdisciplinary concepts and use that knowledge to in developing interdisciplinary projects. Students compete in project competitions at the national and international levels, such as the Smart India Hackathon. In their third year of undergraduate study, students do industrial internships. While on the field, the interns receive automatic multi/interdisciplinary training.

To help students develop humanistic, ethical, social, constitutional, intellectual, and universal values, value-based interdisciplinary education is offered to them in the form of webinars, seminars, yoga classes, induction programmes, and expert lectures.

Through NSS and NCC, many activities are carried out to promote human values like as Honesty, Ethical behavior, Nonviolence, Unity, and peace. These events include Independence Day and Republic Day festivities, blood donation camps, NSS camps, and social service programmes.

Upon receiving the status of an autonomous institute, Institute will undoubtedly design multidisciplinary courses that allow for multiple entry points and exits. Institute will be glad to join the multidisciplinary HEI cluster.

## 16.Academic bank of credits (ABC):

Institute complies with the requirements of the affiliated university SPPU in terms of its preparedness for the implementation of the Academic Bank of Credits (ABC). The National Academic Depository, a government initiative to provide an online database for all academic awards under the Digital India Initiative. SPPU is a state university is an official member of the National Academic Depository.

All of SPPU's courses have used the choice-based credit system (CBCS), and in the process of adopting the ABC soon. As per SPPU notification, Institute has created all students' ABC IDs and a centralized database of the college students. Through this database, the academic credits that the student has earned across a variety of courses will be digitally saved so that the credit can be carried over when the student re-enters the programme in future.

## 17.Skill development:

Graduate attributes are defined by the AICTE as knowledge, skills, attitude, and behavior. Institute always encourage
to enhance students' and faculty members' skill.

Institute faculty members are encouraged to register in certification programmes including NPTEL, STTP, FDP, and industrial training. Students are also encouraged to participate in online and offline certification courses to upgrade their knowledge and abilities. Institute has Staff welfare policy to encourage staff participation in skill development.

The institute features a well-established training and skill development cell that actively contributes to the students' strengthening of their technical concepts. During the second and third years of engineering, the institute offers technical, fundamental, and aptitude training, research methodology, and technical report writing. In the final year, value-added courses on the most recent technical advancements and prominent engineering specialties are taught by industry experts in the field to help students expand their skill sets in line with industry demands. These value-added programmes go beyond what SPPU's curriculum covers and are offered in response to student interest. To offer these advanced training programmes that are skill-based, institute has signed MOUs with various industry and institutions like KPIT and IIT Kanpur. Institute also offered various Microsoft and Google certification courses in collaboration with DigitalParv Social Venture Association.

As a step towards competence-based learning that aids students in the development of their fundamental competencies. Students from all departments can engage in the skill development programmes that each department runs and receive the training that most interests them.

Students who wish to create new goods, services, and procedures as well as those who want to launch their own businesses can receive effective mentoring from the Centre for Innovation, Incubation, and Entrepreneurship (CIIE). The aim of CIIE is to emerge as a Centre of Excellence in the field of Entrepreneurship Promotion to train and motivate students to transform their late ideas into viable enterprises.

**18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)**

The institute's curriculum is designed to be taught in English, and students must take their SPPU exams in that language, although the faculty members conduct need based sessions in local languages for students who are from the ruler area.

In order to ensure difficult concept understandable, the teachers occasionally use local languages like Marathi or Hindi. Institute encourage all our students to attend online NPTEL course available on SWAYAM portal in regional languages as per their interest along with one faculty member as a mentor.  When mentoring

the students' group in mentor-mentee sessions or responding to academic or personal questions raised by students, regional

languages are purposefully used. This promotes a comfortable, at-home atmosphere and encourages more in-depth communication.

Every day, academic sessions in institute begin with National Anthem. Various programs are organised through the student's club to inculcate Indian culture among the students.

NSS Cell celebrates Independence Day and Republic Day, birth and death anniversaries of all the Freedom Fighters and Social Workers. The institute celebrates Ganesh Ustav, ShivJayanti, Dr. Babasaheb Ambedkar Jayanti etc at large scale throughout the year.

In Youth Festival organized at SPPU at University level our students are actively participating in various cultural events and received prizes and colour coats in many events at university level.

An entire segment of the annual cultural event ETERNITY is devoted to Indian Classical Music. It highlights students' and staff members' instrument-playing abilities as well as their classical and semi-classical singing, Bharatnatyam, Kathak, and regional and folk dances etc.

**19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):**

Institute is affiliated to Savitribai Phule Pune University; hence the syllabus - curriculum is prepared by the University and institute follows it strictly. All the courses mentioned under curriculum of a particular department have course objectives and course outcomes (COs) as well as Program Outcomes (POs) as per the norms and guidelines of statutory regulatory bodies and the same is discussed with the students by the faculty. Institute has defined Program Specific Outcomes (PSO) and Program Education Objectives (PEO). The POs, PSOs and PEOs are satisfied through the teaching-learning process and the additional programs conducted at the Institute and department level.

Through the institute website, student/faculty notice boards, laboratory notice boards, posters in corridors and administrative areas, project workbooks, course files, and other means, these POs and PSOs are disseminated to teachers, students, and various stakeholders.

To fill in the gaps in the curriculum, various activities are organised and carried out at department level. The attainment of POs and PSOs is examined throughout the semester using a variety of assessment tools, such as unit tests, assignments, quizzes, etc. All

courses conducted have well defined Course Outcomes (CO) by SPPU and which is mapped to POs and PSOs. Institute has developed separate CO-PO-PSO Mapping &

Attainment Process Manual which is innovative and simple to use and also institute has obtained copyright from copyright office Government of India for this manual.

At the end of the semester, all departments map the course outcomes using POs and PEOs in order to improve the teaching-learning process the next semester. Thus, the Institute follows a well-defined OBE system.

**20.Distance education/online education:**

The Institute has classroom teaching in offline mode before pandemic. During pandemic, institute has adopted the change from offline classroom teaching to blended learning. The institution is prepared, especially during pandemic situations and teaching learning process through different online modes. In pandemic Learning management system (LMS), Google Classroom, Microsoft Teams are effectively used for course conduction and evaluation process. All course contents are available on Microsoft Teams including academic calendar, syllabus, PPTs and notes. The assessments of the courses are done through online assignments, quizzes. The MCQ tests are conducted using LMS Moodle platform. Online sessions are conducted and recorded on Microsoft Teams. Various student activities are conducted online using Microsoft Teams and Goggle meet.

# Extended Profile

## 1.Programme

1.1                                                                      **235**

Number of courses offered by the institution across all programs during the year

| File Description | Documents |
|---|---|
| Data Template | [View File] |

## 2.Student

2.1                                                                      **1866**

Number of students during the year

| File Description | Documents |
|---|---|
| Data Template | View File |

2.2                                                                           **347**

Number of seats earmarked for reserved category as per GOI/ State
Govt. rule during the year

| File Description | Documents |
|---|---|
| Data Template | View File |

2.3                                                                           **469**

Number of outgoing/ final year students during the year

| File Description | Documents |
|---|---|
| Data Template | View File |

**3.Academic**

3.1                                                                           **90**

Number of full time teachers during the year

| File Description | Documents |
|---|---|
| Data Template | View File |

3.2                                                                           **93**

Number of Sanctioned posts during the year

# Extended Profile

## 1.Programme

| 1.1<br><br>Number of courses offered by the institution across all programs during the year | **235** |
|---|---|

| File Description | Documents |
|---|---|
| Data Template | View File |

## 2.Student

| 2.1<br><br>Number of students during the year | **1866** |
|---|---|

| File Description | Documents |
|---|---|
| Data Template | View File |

| 2.2<br><br>Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year | **347** |
|---|---|

| File Description | Documents |
|---|---|
| Data Template | View File |

| 2.3<br><br>Number of outgoing/ final year students during the year | **469** |
|---|---|

| File Description | Documents |
|---|---|
| Data Template | View File |

## 3.Academic

| 3.1<br><br>Number of full time teachers during the year | **90** |
|---|---|

| File Description | Documents |
|---|---|
| Data Template | View File |

| | |
|---|---|
| 3.2<br><br>Number of Sanctioned posts during the year | **93** |

| File Description | Documents |
|---|---|
| Data Template | <u>View File</u> |

## 4.Institution

| | |
|---|---|
| 4.1<br><br>Total number of Classrooms and Seminar halls | **23** |
| 4.2<br><br>Total expenditure excluding salary during the year (INR in lakhs) | **711.37948** |
| 4.3<br><br>Total number of computers on campus for academic purposes | **464** |

# Part B

**CURRICULAR ASPECTS**

## 1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

**The principal receives inputs through IQAC, the Department Advisory Board, the Academic Calendar of SPPU, and the Academic Coordinator. Based on the inputs IQAC prepares the academic calendar at the beginning of the academic session. Departments prepare their Department Academic calendar in line with Institute's Academic Calendar. Both academic calendars consist of curricular, co-curricular, and extracurricular activities for effective implementation and delivery of the curriculum. The teacher prepares a teaching plan including unit-wise learning outcomes. Unit-wise Tests are conducted, and results are displayed. Periodical meetings of the Head of the Departments are held with the Principal to discuss mid-term academic progress. Effective learning tools like Assignments, seminars, Guest lectures, projects, PBL, and industrial visits are part of students learning. CO & PO mapping and assessment are done at the end of the semester. Assessed outcomes of the program reveal the weaknesses and strengths of course delivery components helping**

teachers modify course delivery methods. Faculties are encouraged to participate in UGC/AICTE sponsored Career-Oriented Courses/workshops/training programs. Short Term Courses and Soft Skill programs are conducted for the overall development of students. Faculties provide advanced knowledge beyond syllabus for overall growth of students. Students encourage for participating in various events. Principal, head of department along with dean academics monitor the process of teaching learning

| File Description | Documents |
|---|---|
| Upload relevant supporting document | [View File](View File) |
| Link for Additional information | https://dypsoe.in/iqac/2021-22/111.pdf |

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

The academic calendar is prepared by the academic coordinator in consultation with HoDs and in line with the affiliated University calendar which is finally approved by the Principal. The academic calendar is prepared so that teachers and students should know all the activities regarding the continuous internal evaluation process. At the beginning of the academic session, the students are apprised of the academic calendar, which is uploaded on the college website and displayed on notice boards. Only the Principal is allowed to modify the academic calendar where he may deem fit thinking about unforeseen circumstances, for instance, several changes made on examination dates as per directives by the University, especially during the COVID pandemic. Based on the academic calendar issued by the Principal, the departments also make their academic calendar and circulated it to all students and faculty members. The department calendar is more specific, with details like internal evaluations: class tests, assignments, industrial visits, etc. The course teachers announce the syllabus/Curriculum plan, Course outcomes, and Course objectives and display question banks, Class tests, and assignments. Assignments are submitted by students as per the dates given in the academic calendar and sometimes by course teachers. During online teaching Microsoft teams platform was used for lectures, giving assignments, conducting tests, etc.

| File Description | Documents |
|---|---|
| Upload relevant supporting documents | View File |
| Link for Additional information | https://dypsoe.in/iqac/2021-22/112.pdf |

**1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University  Setting of question papers for UG/PG programs  Design and Development of Curriculum for Add on/ certificate/ Diploma Courses  Assessment /evaluation process of the affiliating University**

B. Any 3 of the above

| File Description | Documents |
|---|---|
| Details of participation of teachers in various bodies/activities provided as a response to the metric | View File |
| Any additional information | View File |

**1.2 - Academic Flexibility**

**1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented**

**1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented**

5

| File Description | Documents |
|---|---|
| Any additional information | View File |
| Minutes of relevant Academic Council/ BOS meetings | No File Uploaded |
| Institutional data in prescribed format (Data Template) | View File |

**1.2.2 - Number of Add on /Certificate programs offered during the year**

**1.2.2.1 - How many Add on /Certificate programs are added during the year. Data**

**requirement for year: (As per Data Template)**

**3**

| File Description | Documents |
|---|---|
| Any additional information | View File |
| Brochure or any other document relating to Add on /Certificate programs | View File |
| List of Add on /Certificate programs (Data Template ) | View File |

**1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year**

**262**

**1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year**

**262**

| File Description | Documents |
|---|---|
| Any additional information | View File |
| Details of the students enrolled in Subjects related to certificate/Add-on programs | View File |

## 1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

**The present curriculum has integrated Gender, Environment and Sustainability, Human Values, and Professional Ethics courses addressing the above issues are included in the curriculum of various programs (e.g. humanities and social sciences, environmental engineering, air pollution and control, disaster management, industrial management and entrepreneurship, soft skills, energy audit management, human rights, etc.) for holistic development of the students. The course enables to recognize the significance of human values, ethics, and morals and to motivate the students to practice ethical behavior in day to day activities..The Institute has established a National Social Service (NSS) under the SPPU. NSS organizes activities related to Environment and Sustainability like Swachha Bharat Abhiyan, Tree**

Plantation, and blood donation camps organized under human value activities. Guest lectures are also arranged on cross-cutting issues like human ethics, gender equality & women's rights, sexual harassment in an organization, the right to live for everyone, etc. Professional ethics are imbibed amongst students by encouraging them to participate in professional activities like seminars, conferences, workshops, and tech activities. Students Chapters of departmental students have been established for the holistic development of students. The institute has an active Entrepreneurship Development Cell (EDC) which nurtures the spirit of entrepreneurship.

| File Description | Documents |
|---|---|
| Any additional information | View File |
| Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum | View File |

## 1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

20

| File Description | Documents |
|---|---|
| Any additional information | No File Uploaded |
| Programme / Curriculum/ Syllabus of the courses | View File |
| Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses | No File Uploaded |
| MoU's with relevant organizations for these courses, if any | No File Uploaded |
| Number of courses that include experiential learning through project work/field work/internship (Data Template) | View File |

## 1.3.3 - Number of students undertaking project work/field work/ internships

1685

| File Description | Documents |
|---|---|
| Any additional information | View File |
| List of programmes and number of students undertaking project work/field work/ /internships (Data Template) | View File |

## 1.4 - Feedback System

### 1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni

A. All of the above

| File Description | Documents |
|---|---|
| URL for stakeholder feedback report | View File |
| Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload) | View File |
| Any additional information(Upload) | View File |

### 1.4.2 - Feedback process of the Institution may be classified as follows

A. Feedback collected, analyzed and action taken and feedback available on website

| File Description | Documents |
|---|---|
| Upload any additional information | View File |
| URL for feedback report | https://dypsoe.in/iqac/2021-22/14.pdf |

## TEACHING-LEARNING AND EVALUATION

## 2.1 - Student Enrollment and Profile

## 2.1.1 - Enrolment Number Number of students admitted during the year

## 2.1.1.1 - Number of sanctioned seats during the year

716

| File Description | Documents |
|---|---|
| Any additional information | View File |
| Institutional data in prescribed format | View File |

**2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)**

**2.1.2.1 - Number of actual students admitted from the reserved categories during the year**

271

| File Description | Documents |
|---|---|
| Any additional information | View File |
| Number of seats filled against seats reserved (Data Template) | View File |

## 2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

In first year, teacher Guardians are allotted to groups of students. The teacher guardian interacts with student, which helps to understand individual learning levels. Also, after-one-month, the student's performance is analyzed through continuous internal assessment by conducting the class test. Consistent monitoring, remedial classes, and extra practice sessions are conducted for slow-learners. The subject teacher provides notes, question-banks. Based on need of student, revision of challenging topics is carried out by teacher. The teachers give assignments and help learners to solve previous-question-papers. The subject-teacher gives personal attention to such students.

Transitional-learners are encouraged to participate in Seminars/Conferences/Technical-Events. Teachers also boost transitional-learners to complete NPTEL/Coursera/Udemy/Advanced courses/industry-sponsored-internships. They are encouraged to participate in incubation-center-activities, Center_of_Excellence(CoE) activities, and various 'Student-Activity-Clubs. Teachers also motivate and guide for higher studies and various competitive examinations.

Advance-learners are encouraged to prepare and appear for various competitive exams, to become members of various professional-bodies through which they organize technical-events for students. They are advised to participate in group-discussions & technical-quizzes to develop analytical & problem-solving abilities, thereby improving their presentation-skills. They are encouraged to conduct and participate in various activities to develop creativity. They are also organizing Intercollegiate as well as national-level technical symposiums.

| File Description | Documents |
|---|---|
| Link for additional Information | https://adypsoe.in/iqac/2021-22/221.pdf |
| Upload any additional information | View File |

## 2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

| Number of Students | Number of Teachers |
|---|---|
| 1866 | 90 |

| File Description | Documents |
|---|---|
| Any additional information | View File |

## 2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Various methods enhance the student's learning experience and provide a healthy teaching environment, such as interactive, collaborative, and independent learning. Student-centric activities such as field visits, industrial visits, internships, and project work were conducted for experimental learning to enhance the student's learning skills. Peer learning techniques such as peer tutoring (seminar by the student to the students), quiz competitions, and group discussions are used to improve the studentsunderstanding. For project-based learning, project work is assigned in two categories- a mini project and a significant project, an essential element of each program. The students were guided to select innovative projects based on the latest topics and were asked to present their work.

| File Description | Documents |
|---|---|
| Upload any additional information | **No File Uploaded** |
| Link for additional information | https://adypsoe.in/iqac/2021-22/231.pdf |

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

**To prepare students for the business world, students need to master the latest technologies. As a result, teachers use the hybrid mode of learning. The College emphasizes using Information and Communication Technology (ICT) enabled tools for effective teaching-learning processes. Online platform Microsoft (MS) Teams and LMS tools were used. The teacher shares the assignments, quizzes, notes, and presentations on the LMS platform. They use Pen Tablet to support, enhance and optimize the delivery of lectures. This has effectively impacted the teaching-learning process. The virtual lab platform is used to discuss the practicals and tutorials of various subjects. The College also provides an E-book facility to the students.**

| File Description | Documents |
|---|---|
| Upload any additional information | View File |
| Provide link for webpage describing the ICT enabled tools for effective teaching-learning process | https://adypsoe.in/iqac/ict.pdf |

**2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year )**

**2.3.3.1 - Number of mentors**

**72**

| File Description | Documents |
|---|---|
| Upload, number of students enrolled and full time teachers on roll. | View File |
| Circulars pertaining to assigning mentors to mentees | View File |
| mentor/mentee ratio | View File |

## 2.4 - Teacher Profile and Quality

### 2.4.1 - Number of full time teachers against sanctioned posts during the year

**90**

| File Description | Documents |
|---|---|
| Full time teachers and sanctioned posts for year (Data Template) | View File |
| Any additional information | View File |
| List of the faculty members authenticated by the Head of HEI | View File |

### 2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

### 2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C  Superspeciality / D.Sc. / D.Litt. during the year

**14**

| File Description | Documents |
|---|---|
| Any additional information | View File |
| List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template) | View File |

### 2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

### 2.4.3.1 - Total experience of full-time teachers

405

| File Description | Documents |
|---|---|
| Any additional information | View File |
| List of Teachers including their PAN, designation, dept. and experience details(Data Template) | View File |

## 2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The institute has an internal examination and assessment policy. At the beginning of the odd semester the meeting of academic committee is conducted. The Academic Calendar including dates of internal examinations is finalized by that committee. Academic Calendar is circulated to HoDs, Staff and Students. The Department Academic coordinator along with Internal Exam coordinator prepares detail time table one week before the commencement of internal examinations.

The internal examinations planned as Summative Test covering unit-1 and Unit Test-1 on units-2 & 3 and Unit Test-2 on units 4, 5 & 6. Summative Test being conducted on department level..

To conduct the internal examinations with transparency, the nature of question paper is discussed before the internal examinations with students. The model answer sheet is given the students. The assessment done is explained to the students and areas of improvement are shown. Assessment of cases under grievances can be reassessed by another teacher / HoD. The question paper is discussed by the subject teacher with the students after internal examinations.

| File Description | Documents |
|---|---|
| Any additional information | View File |
| Link for additional information | https://adypsoe.in/iqac/2021-22/251.pdf |

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

The institute has a mechanism to deal with grievances related with

internal examination.

In case the questions asked in unit tests are out of syllabus, the marks for such questions shall be given by the subject teacher. Before assessment of answer sheets, the solution and marking scheme shall be submitted by subject teacher to the department examination coordinator.

If any student claims that he/she has been victimized while doing the assessment, HoD will direct the same faculty to re-assess or may appoint another faculty. In case if the student is marked absent in the result sheet of Unit Tests in spite of being present in the exam, the subject teacher needs to verify the attendance sheet.

In case if student has faced network issue during uploading answer sheet to Microsoft Teams/LMS during unit tests, the subject teacher shall give extra time for uploading the file.

In case if there is MS Teams/LMS server down issue, the department examination coordinator has to reschedule that exam.

| File Description | Documents |
|---|---|
| Any additional information | [View File](View File) |
| Link for additional information | https://adypsoe.in/iqac/2021-22/252.pdf |

## 2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

The programme and course outcomes for all the programmes offered by the institution are stated and displayed on the website of institute. POs and COs are communicated to teachers and students via a notice issued by the principal. POs are prominently displayed on the departmental notice board. The COs, POs & PSOs are discussed by the head of department in the departmental meeting with the teachers. COs are also kept in the course file of the subject teacher. At the start of teaching of a particular course the subject teacher explains POs and COs to the students.

| File Description | Documents |
|---|---|
| Upload any additional information | View File |
| Paste link for Additional information | https://adypsoe.in/iqac/2021-22/261.pdf |
| Upload COs for all courses (exemplars from Glossary) | No File Uploaded |

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

**For the attainment of COs, POs and PSOs the tools of indirect assessment, direct internal assessment and direct external assessment are used. In indirect tool of assessment, the course exit survey is used. The course exit survey is conducted based on all six COs. In direct internal tool of assessment, marks of unit tests and continuous assessment marks of each students are used where as in direct external tool of assessment, the percentage result (university) of the subject and marks of Practical/Oral/Term-work are used. The weightage given for direct assessment (Internal) is 20% to tests and 10% to continuous assessment whereas 60 % to university result of subject and 10% to Practical/Oral/Term-work. CO attainment is calculated by giving 80% weightage to direct assessment and 20% to indirect assessment. Attainment of PSO is calculated by using level of PSO and level of CO attainment.**

| File Description | Documents |
|---|---|
| Upload any additional information | View File |
| Paste link for Additional information | https://adypsoe.in/iqac/2021-22/262.pdf |

**2.6.3 - Pass percentage of Students during the year**

**2.6.3.1 - Total number of final year students who passed the university examination during the year**

**469**

| File Description | Documents |
|---|---|
| Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template) | View File |
| Upload any additional information | View File |
| Paste link for the annual report | https://adypsoe.in/iqac/2021-22/263.pdf |

**2.7 - Student Satisfaction Survey**

**2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)**

https://adypsoe.in/iqac/2021-22/2.7.pdf

**RESEARCH, INNOVATIONS AND EXTENSION**

**3.1 - Resource Mobilization for Research**

**3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)**

**3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)**

0

| File Description | Documents |
|---|---|
| Any additional information | No File Uploaded |
| e-copies of the grant award letters for sponsored research projects /endowments | No File Uploaded |
| List of endowments / projects with details of grants(Data Template) | View File |

**3.1.2 - Number of departments having Research projects funded by government and non government agencies during the year**

**3.1.2.1 - Number of departments having Research projects funded by government and non-government agencies during the year**

0

| File Description | Documents |
|---|---|
| List of research projects and funding details (Data Template) | **No File Uploaded** |
| Any additional information | **No File Uploaded** |
| Supporting document from Funding Agency | **No File Uploaded** |
| Paste link to funding agency website | [NA](NA) |

**3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year**

**3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year**

**17**

| File Description | Documents |
|---|---|
| Report of the event | [View File](View File) |
| Any additional information | **No File Uploaded** |
| List of workshops/seminars during last 5 years (Data Template) | [View File](View File) |

**3.2 - Research Publications and Awards**

**3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year**

**3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year**

**29**

| File Description | Documents |
|---|---|
| Any additional information | [View File](View File) |
| List of research papers by title, author, department, name and year of publication (Data Template) | [View File](View File) |

**3.2.2 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year**

**3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year**

15

| File Description | Documents |
|---|---|
| Any additional information | View File |
| List books and chapters edited volumes/ books published (Data Template) | View File |

**3.3 - Extension Activities**

3.3.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

Dr. D Y Patil School of Engineering plays a vital role in fostering social responsibility among the students through Extension activities to fulfill the aspirations of institutionVision and mission.

Institute NSS Unitconductsvarious activities likeecofriendly campus, awareness drives through street plays,blood donation campsetc.NSS Unit student volunteers are actively engaged insocial activities likespecial camps in adopted villages, service to orphanages, tree plantation, yoga classes etc. These programs helps students to develop a sense of responsibility, accountability, integrity, and enhances human values.

The Institution organizes the events like Unity day, International yoga day, NSS Formation Day, Women's dayandbirth anniversaries of great Indian personalities.

The institute recognizes that the purpose of education is not just to prepare the students to earn a livelihood but moreto make them good citizens and good human beings. Values of caring and sharing with the underprivileged are important elements to be inculcated through education. The institution's Community Service Scheme provides the students an opportunity to understand the community; identify its needs and problems as well as the solutions in which they can be involved by assuming social and civic responsibilities.

| File Description | Documents |
|---|---|
| Paste link for additional information | Nil |
| Upload any additional information | No File Uploaded |

**3.3.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year**

**3.3.2.1 - Total number of awards and recognition received for extension activities from Government/ government recognized bodies during the year**

01

| File Description | Documents |
|---|---|
| Any additional information | No File Uploaded |
| Number of awards for extension activities in last 5 year(Data Template) | View File |
| e-copy of the award letters | View File |

**3.3.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., ( including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs ) during the year**

**3.3.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year**

32

| File Description | Documents |
|---|---|
| Reports of the event organized | View File |
| Any additional information | View File |
| Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template) | View File |

**3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year**

**3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/**

**NCC/ Red Cross/ YRC etc., during the year**

**2090**

| File Description | Documents |
|---|---|
| Report of the event | View File |
| Any additional information | **No File Uploaded** |
| Number of students participating in extension activities with Govt. or NGO etc (Data Template) | View File |

## 3.4 - Collaboration

### 3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

**119**

| File Description | Documents |
|---|---|
| e-copies of linkage related Document | View File |
| Details of linkages with institutions/industries for internship (Data Template) | View File |
| Any additional information | **No File Uploaded** |

### 3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

### 3.4.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. during the year

**23**

| File Description | Documents |
|---|---|
| e-Copies of the MoUs with institution./ industry/corporate houses | View File |
| Any additional information | **No File Uploaded** |
| Details of functional MoUs with institutions of national, international importance, other universities etc during the year | View File |

## INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

The Institute has created and upgraded infrastructure from time to time as per the guidelines laid down by the AICTE, DTE and SPPU. The required facilities for effective teaching-learning process, co-curricular and extra-curricular activities are made available. The facilities are regularly enhanced by keeping in mind the needs of today's world with special focus on latest technologies, R&D and consultancy activities.

The physical infrastructure comprises 22classrooms, 11 tutorial rooms, 36 laboratories, 1 seminar hall, 1 central computing lab, 1 central library and a dedicated study room, besides the institute has academic and administrative rooms for supporting undergraduate and postgraduate programs. Our classrooms and seminar halls are well ventilated, illuminated and furnished with modern set-up. These are well equipped with interactive boards and panels, LCD projector, LAN connection along with high speed Wi-Fi. Our laboratories are well equipped and are regularly maintained and looked after by Technicians. The various charts, models and cut sections displayed in laboratories adds to better understanding of our students which is also adding value to the infrastructure of the institute.To acquaint the students with latest technologies, the institute has established Centres of Excellence, Incubation Centre, we also have modern types of machinery like 3D printer, Wind-tunnel, accelerated curing tank, FFT analyser, Spectrum analyser, PLCs, Digital UTM, Vector analyser, Variable Frequency Drives and software like MATLAB, ANSYS.

| File Description | Documents |
|---|---|
| Upload any additional information | [View File]() |
| Paste link for additional information | https://dypsoe.in/iqac/2021-22/411.pdf |

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

In order to ensure overall grooming of students along with academics, the institute has always welcomed and supported Co-curricular and extra-curricular activities. We have a well

established Gymkhana Department and Cultural Committee which is supported by student committees thereof. It regularly organizes various events like Eternity and Go-Kart. The students of 'Earn and Learn' scheme helps in operation and management of facilities.

Cultural, Outdoor and Indoor sports facilities available with us are as follow-

Auditorium with 250 seating capacity equipped with proper sound and light systems. Separate 'Avirat Club' room equipped with required musical instruments is also available for students to practice. Institute organizes a Five day cultural event "Eternity" every year and more than 2000 students of the institute participate enthusiastically in various types of cultural events. Students are involved in planning and management of the event and the exemplary personalities from different professions are invited to motivate and share their experience. The national days and major festivals of the year are marked and celebrated enthusiastically.

Two playgrounds are available for playing Cricket and Football. We also have two Volleyball, four Synthetic Lawn Tennis courts and two basketball grounds are available for outdoor games. Badminton Hall with two courts, Table Tennis (3 tables), Chess and Carrom are available in the gymkhana.

The gymnasium is equipped with nine station multi-gym, single stations gym equipment, highlight pulley, PecDeck, arm curling pulley and quality weight lifting. Separate outdoor gymnasium facilities are also installed in college premises.

| File Description | Documents |
|---|---|
| Upload any additional information | View File |
| Paste link for additional information | https://dypsoe.in/iqac/2021-22/412.pdf |

**4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.**

23

**4.1.3.1 - Number of classrooms and seminar halls with ICT facilities**

23

| File Description | Documents |
|---|---|
| Upload any additional information | View File |
| Paste link for additional information | https://dypsoe.in/iqac/2021-22/413.pdf |
| Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template) | View File |

**4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)**

**4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)**

**14.51582**

| File Description | Documents |
|---|---|
| Upload any additional information | View File |
| Upload audited utilization statements | View File |
| Upload Details of budget allocation, excluding salary during the year (Data Template) | View File |

**4.2 - Library as a Learning Resource**

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

**Sr.**

**No**

**Particulars**

**Description**

**1**

**Name of the ILMS software**

**KOHA**

**2**

**Nature of automation (fully or partially)**

**Partially**

**3**

**Version**

**19.11.00.000**

**4**

**Year of Automation**

**2015**

The main purpose of the library is that; acquire the resources, store, manage & provide it to its stakeholders. The same work is done at the central library. To manage the resources; Institute central library is using KOHA. Koha is a full-featured open-source ILS. Koha is currently maintained by a team of software providers and library technology staff from around the globe. Before this we used another ERP package name Synthesis & completed library automation in 2015. We continue the library automation with KOHA also.

KOHA effectively manages all the services of the library which is a cloud-based digital platform that provides end-to-end solutions to streamline multi-level workflow. This is the full-fledged package for the libraries. Its cover various Modules as per follows: Circulation, Cataloging, Patrons, Serials, Advanced Search, Acquisition, Lists, Reports, Authorities, Tools, KOHA Administration, OPAC Module,User tracking systemetc.

| File Description | Documents |
|---|---|
| Upload any additional information | [View File](#) |
| Paste link for Additional Information | https://dypsoe.in/iqac/2021-22/421.pdf |

**4.2.2 - The institution has subscription for the** `A. Any 4 or more of the above`
**following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources**

| File Description | Documents |
|---|---|
| Upload any additional information | View File |
| Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template) | View File |

**4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)**

**4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)**

`2.47172`

| File Description | Documents |
|---|---|
| Any additional information | View File |
| Audited statements of accounts | View File |
| Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template) | View File |

**4.2.4 - Number per day usage of library by teachers and students ( foot falls and login data for online access) (Data for the latest completed academic year)**

**4.2.4.1 - Number of teachers and students using library per day over last one year**

`105`

| File Description | Documents |
|---|---|
| Any additional information | View File |
| Details of library usage by teachers and students | View File |

**4.3 - IT Infrastructure**

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

| File Description | Documents |
|---|---|
| Upload any additional information | View File |
| Paste link for additional information | https://dypsoe.in/iqac/2021-22/431.pdf |

## 4.3.2 - Number of Computers

**464**

| File Description | Documents |
|---|---|
| Upload any additional information | View File |
| Student – computer ratio | View File |

## 4.3.3 - Bandwidth of internet connection in the Institution

**A. ? 50MBPS**

| File Description | Documents |
|---|---|
| Upload any additional Information | View File |
| Details of available bandwidth of internet connection in the Institution | View File |

## 4.4 - Maintenance of Campus Infrastructure

## 4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

## 4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

**711.37948**

| File Description | Documents |
|---|---|
| Upload any additional information | View File |
| Audited statements of accounts. | View File |
| Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates) | View File |

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

**All the campus buildings are well equipped with modern facilities. The campus has substations having transformers with adequate capacities to ensure power supply to hostels, main building, residential quarters, student activity centre, sewage treatment plant, medical centre etc. The college has designated officer and has selected support staff for the supervising the maintenance of buildings, classrooms and laboratories. In addition college has annual maintenance contracts with suppliers and companies for the repair and maintenance to maintain quality of the campus. Several initiates are taken from time to time like periodic painting and white washing of building and labs, the team of gardeners and housekeeping staff maintaining grounds, lawns and upkeep infrastructure, Tree plantation drives are organized every semester under the NSS.**

**The physical infrastructure comprises 22classrooms, 11 tutorial rooms, 36 laboratories, a seminar hall, one central computing lab, a central library and a dedicated study room. The classrooms and seminar halls are well ventilated, illuminated and furnished with modern set-up. These are well equipped with interactive boards and panels, LCD projector, LAN connection along with high speed Wi-Fi.**

**The playgrounds are available for playing Cricket, Football and there are two Volleyball grounds, four Synthetic Lawn Tennis courts and two basketball grounds.**

**Indoor facility comprises of two badminton hall, three table tennis sets. Adequate chess boards, carom boards are available indoor.**

| File Description | Documents |
|---|---|
| Upload any additional information | View File |
| Paste link for additional information | https://dypsoe.in/iqac/2021-22/442.pdf |

## STUDENT SUPPORT AND PROGRESSION

**5.1 - Student Support**

**5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year**

**5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year**

**1421**

| File Description | Documents |
|---|---|
| Upload self attested letter with the list of students sanctioned scholarship | View File |
| Upload any additional information | View File |
| Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template) | View File |

**5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year**

**5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year**

**34**

| File Description | Documents |
|---|---|
| Upload any additional information | View File |
| Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template) | View File |

**5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills**

**A. All of the above**

| File Description | Documents |
|---|---|
| Link to institutional website | https://dypsoe.in/iqac/2021-22/513.pdf |
| Any additional information | View File |
| Details of capability building and skills enhancement initiatives (Data Template) | View File |

**5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year**

**1371**

**5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year**

**1371**

| File Description | Documents |
|---|---|
| Any additional information | View File |
| Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template) | View File |

**5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees**

**A. All of the above**

| File Description | Documents |
|---|---|
| Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee | View File |
| Upload any additional information | **No File Uploaded** |
| Details of student grievances including sexual harassment and ragging cases | **No File Uploaded** |

## 5.2 - Student Progression

### 5.2.1 - Number of placement of outgoing students during the year

### 5.2.1.1 - Number of outgoing students placed during the year

**307**

| File Description | Documents |
|---|---|
| Self-attested list of students placed | View File |
| Upload any additional information | View File |

### 5.2.2 - Number of students progressing to higher education during the year

### 5.2.2.1 - Number of outgoing student progression to higher education

**07**

| File Description | Documents |
|---|---|
| Upload supporting data for student/alumni | View File |
| Any additional information | **No File Uploaded** |
| Details of student progression to higher education | View File |

### 5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

### 5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State

**government examinations) during the year**

**01**

| File Description | Documents |
| --- | --- |
| Upload supporting data for the same | View File |
| Any additional information | View File |

### 5.3 - Student Participation and Activities

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

**5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.**

**0**

| File Description | Documents |
| --- | --- |
| e-copies of award letters and certificates | View File |
| Any additional information | View File |
| Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template) | View File |

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms )

**Yes, Institute has Student Council of the following members; 1. Chairman – Principal 2. Staff Advisor: Dean Academics 3. President - Final Year Student 4. General Secretary - TE 5. Members ( Three) – FE & SE Students The Institute always motivates and provides the opportunities of self-learning to the students. The students are encouraged to execute/organize various activities to enhance their soft and leadership skills.The students are empowered to form various administrative bodies and various committees to execute the variety of activities such as curricular and extra-curricular activities. There are various student committees established to**

promote and develop their skills in curricular, co-curricular and extracurricular activities.It is ensured that students actively involved in various technical committees in the department.They also actively participate in extracurricular activities like Sports and cultural events,National Service Scheme (NSS) and other outreach activities.The student organizes and participates in technical activities. Also the students create awareness about Anti ragging measures and thus helps to make the campus a Ragging Free Zone.The Students take active role and involvement in the technical activities and also part of various professional bodies like ISHRAE, ISTE,SAE etc.

| File Description | Documents |
|---|---|
| Paste link for additional information | https://dypsoe.in/iqac/2021-22/532.pdf |
| Upload any additional information | View File |

### 5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

### 5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

0

| File Description | Documents |
|---|---|
| Report of the event | View File |
| Upload any additional information | No File Uploaded |
| Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template) | View File |

### 5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Yes, Name of Alumni Association: Alumni Association of Ajinkya D. Y. Patil School of Engineering, Charholi Bk,Lohegaon, Pune Address : Dr. D. Y. Patil Knowledge City, Charholi Bk, Via Lohegaon, Pune

412105 Registration No : Maha/ 1392/2017/Pune of date 5/10/2017 Ajinkya D.Y.Patil school of Engineering has active network of Alumni.The alumni contributes for the academic development of the Institute. The Institute organises Alumni meet every year in the Institute premises in order to arrange get together of all the passout students to share their experiences with the ongoing students and faculties.The alumni shares their knowledge with the on-going students which helps to choose the right career options related to placement opportunities or opportunities for higher studies and entrepreneurship journey.The alumni delivers expert talks/lectures,hands-on sessions on latest software which helps the students to choose their right career path.The Alumni provides the pre-placement training to build the required skills to make them skillful and employable.They are actively involved to conduct the social activities such as blood donation camps, tree plantation,Yoga and meditation sessions and, Swachh Bharat abhiyan etc.The alumni contributes in order to orient the students on Personality Development, Job and business opportunities, stress and time management.

| File Description | Documents |
|---|---|
| Paste link for additional information | https://dypsoe.in/iqac/2021-22/541.pdf |
| Upload any additional information | View File |

**5.4.2 - Alumni contribution during the year (INR in Lakhs)**      E. <1Lakhs

| File Description | Documents |
|---|---|
| Upload any additional information | View File |

**GOVERNANCE, LEADERSHIP AND MANAGEMENT**

**6.1 - Institutional Vision and Leadership**

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

At Dr. D. Y. Patil School of Engineering (DYPSOE), the governance is implemented by visionary leaders and modern thinkers. Our visionaries have envisioned the bright future of our institution and our vision, mission and quality policy is reflective of the same. Our Vision, Mission, Quality Policy is disseminated to all the stakeholders via website, display boards, and notice

boards.The institute has a well-defined Perspective Plan along with short term and long term goals and theses are executed through a systematic strategic plan. To achieve the mission the institute has implemented a decentralized yet participative working model. The important functions like the academics, student activities, quality control, industrial relations, ecosystem for research and innovation activities, faculty development, staff development, examination, training and placement, stores and purchase are handled by the team of faculty and staff representing various departmentsheaded by a senior faculty or staff. Various statutory and non-statutory committees are functioning effectively also Policies and processes of the institute are spearheaded by the Principal with the support of Internal Quality Assurance Cell (IQAC). IQAC continuously monitors quality of teaching-learning process, activities conducted for students and staff, various co-curricular and extracurricular activities, AAA audits to ensure all stakeholders are benefitted.

| File Description | Documents |
|---|---|
| Paste link for additional information | Nil |
| Upload any additional information | No File Uploaded |

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

The Institute has established a well defined governance system with well defined interrelationships between various levels of stakeholders. Principal leads the academic and administrative processes supported by GC,Department Advisory Board,IQAC along with Heads of the department. Such decentralization ensures delegation of authority to all the department leading harmonious outcome. 32 Cells and committees are the pillars ensuring quality and transparent governance at each level. 24 Policies and 4 Process Manuals are the guiding principal towards day today functioning of the institution. All the heads conductsregular meetings where feedback and suggestions from staff is valued. Feedback received from students is taken into account while restructuring and reforming the policies.Teachers are also supported to enhance their research and publications by sponsoring their certifications and memberships. Academic development and monitoring committee along with Heads of the department monitors the execution of the academic calendar on day today basis. This supports the IQAC calendar for implementation of various technical

talks, workshops, add –on courses, industrial visits, internships, extracurricular activities, training and placement activities along with scheduled examinations. All the work done and revisions suggested are reviewed and discussed periodically in the regular meetings conducted by GC, DAB, Principal and HoDs.

| File Description | Documents |
|---|---|
| Paste link for additional information | Nil |
| Upload any additional information | No File Uploaded |

## 6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The Perspective plan of the college is fundamentally based on Vision, Mission, Quality Policy & Quality Objectives of the institute. This plan was restructured to accommodate the NEP 2020 Policy. The Goals set in the perspective plan are planned for five years starting from 2020 till 2025. The institute has successfully achieved the target of acquiring NABL accreditations and ISO certification. E-governance has also been strengthened to support hybrid mode of education of 2021-22. Through e governance, all the activities of admissions and academic administration, examination was conducted using ERP, LMS and MS Team applications. Also ICT enabled classrooms are supporting the enhanced teaching and learning methodologies. More than 1600 students were benefitted with the internship programs under the department of training and placements. Industry Institute interaction cell (IIIC) has collaborated with various industrial professionals by organizing technical talks, workshops and with several MoUs students had the much needed exposure to the industries. The research and development cell has conducted various awareness programs to promote the research activities. Teachers are supported with financial assistance to do various NPTEL certifications, membership of technical bodies, paper publication in UGC listed journals and conferences.

| File Description | Documents |
|---|---|
| Strategic Plan and deployment documents on the website | [View File](#) |
| Paste link for additional information | Nil |
| Upload any additional information | No File Uploaded |

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

**Our institute functions under the top managements through a structured organogram. The institute is headed by the Principal under the guidance of the Management and Governing Body. Principal is supported by the IQAC and College Development Committee (CDC) to supervise the overall functioning of the institute. Decentralization of the work is entrusted through the effective administration by the Heads of the Departments, Section In charges such as Library, T&P, Exam etc. The Statutory committees and Non statutory cells and committees are designed to ensure a holistic growth of all the stakeholders at the institute. Cell of R&D, IPR, EDC etc are extending support towards research activities at the Institute by organizing awareness programs for UG and PG students. Service rules and procedures are guided by the affiliating Savitribai Phule Pune University. The college has well defined staff policy which includes code of conduct, responsibility etc. The recruitment rules for the teaching staff are as per the SPPU guidelines along with the eligibility criteria prescribed by the UGC / AICTE. The promotional policies for teachers are according to the Internal Promotional Scheme / Career Advancement Scheme (CAS) of affiliating university.**

| File Description | Documents |
|---|---|
| Paste link for additional information | Nil |
| Link to Organogram of the Institution webpage | Nil |
| Upload any additional information | No File Uploaded |

**6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and**      **A. All of the above**

**Support Examination**

| File Description | Documents |
|---|---|
| ERP (Enterprise Resource Planning)Document | View File |
| Screen shots of user interfaces | View File |
| Any additional information | No File Uploaded |
| Details of implementation of e-governance in areas of operation, Administration etc (Data Template) | View File |

## 6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

**The institute endows its employees with several welfare measures. The teaching and non-teaching staff of our institute are blessed to be working in an environment that has state of the art infrastructure. A green and clean work environment with well defined HR and Staff Policy through which it administers manpower planning, development, recruitment, employees's well-being. Besides these facilitates all the employees are given utmost importance and their needs are recognized by the institute. Maternity and Paternity leaves are fully paid along with Employees' Provident Funds and Gratuity.**

**All staff are provided with healthcare facility in the campus along with accidental insurance policy in case of any emergency. Other than statutory benefits, Institute organizes various cultural events, celebration of teacher's Day, birthday's, Women's Day, awards of best teaching and non teaching employees thus boosting the moral of the staff. Two sets of uniforms of the non teaching staff are given by the management. Staff members are befitted with Loan benefits from Ajeenkya Employees Credit Co-op society Ltd., there is concession in school/ college fees for the children of the employees studying in DY Patil International School at Loheagaon.**

| File Description | Documents |
|---|---|
| Paste link for additional information | Nil |
| Upload any additional information | No File Uploaded |

**6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year**

**6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year**

**3**

| File Description | Documents |
|---|---|
| Upload any additional information | View File |
| Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template) | View File |

**6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year**

**6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year**

**19**

| File Description | Documents |
|---|---|
| Reports of the Human Resource Development Centres (UGCASC or other relevant centres). | No File Uploaded |
| Reports of Academic Staff College or similar centers | No File Uploaded |
| Upload any additional information | No File Uploaded |
| Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template) | View File |

**6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)**

**6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year**

39

| File Description | Documents |
|---|---|
| IQAC report summary | View File |
| Reports of the Human Resource Development Centres (UGCASC or other relevant centers) | No File Uploaded |
| Upload any additional information | No File Uploaded |
| Details of teachers attending professional development programmes during the year (Data Template) | View File |

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

**The institution has an effective Performance Appraisal System for teaching and non-teaching staff. Institute follows self-appraisal method for performance evaluation of staff. For this purpose, it has adopted the UGC/AICTE format of annual self-assessment for performance based appraisal system using the frame work Academic Performance Indicator (API) in three categories;**

**1. Teaching.**

**2. Research.**

**3. Administration.**

**The API Score is reviewed by the respective Head of Department and the Principal. Due emphasis is laid on sharing the feedback with the teachers. The feedback will help the teachers to know their attainment levels in different realms of API and provides motivation to further improve their performance. The record of annual self-assessment will come in handy at the time of promotions under Career Advancement Scheme. An informal & indirect teacher evaluation obtained in the format of student feedback is also being followed. It pertains to teacher's primary role of class room teaching & continuous evaluation students. So far as the non-teaching staff's appraisal is concerned, the college is following the standard format for its regular non –teaching employees.**

| File Description | Documents |
|---|---|
| Paste link for additional information | **Nil** |
| Upload any additional information | View File |

## 6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

**The institute has maintained a very transparent financial audit system. There are well-defined processes for sanctioning budget to expenditure. An internal approval system for all expenses is inplace. Accordingly, a bill/voucher is recommended by the Head of the Department and approved by the Principal / Management. All the bills/vouchers are audited by an Internal Auditor periodically. Aproper record of all the expenses is maintained by the accounts department. An external auditor appointed by the trust executes the statutory audit. A statutory financial audit is conducted intwo sessions, one in the month of October/November for the period of April to September and the second in the month of April /May for the period of October to March. Finalization of the account iscompleted in June/July and audited statements are prepared in June/July duly signed by the Principal, and Chartered Accountant. Then audited report is submitted by a Chartered Accountant. No violations in approval and utilization of budget.**

| File Description | Documents |
|---|---|
| Paste link for additional information | **Nil** |
| Upload any additional information | View File |

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

## 6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

**1.97684**

| File Description | Documents |
|---|---|
| Annual statements of accounts | View File |
| Any additional information | View File |
| Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template) | View File |

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

**Dr D Y Patil School of Engineering is a self-financing private institute. The institute has maintained a very transparent financial audit system. There are well-defined processes for sanctioning budget to expenditure. An internal approval system for all expenses is in place. Accordingly, a bill/voucher is recommended by the Head of the Department and approved by the Principal / Management. All the bills/vouchers are audited by an Internal Auditor.It has a well-defined financial policy that ensures optimal utilization of finances for academic, administrative, and research activities. The institute is being run with self-sufficient funds generated from tuition fees and other miscellaneous incomes. In case of shortage of funds, the management supports by providing the finance for Teaching, Research, Extension & Administrative activities. Financial planning is done at the beginning of the academic year well in advance with efficient budgeting. The resource mobilization is done through Consultancy Charges, Endowments, Research Grants, Sponsorship for conducting conferences, Funds from University for NSS Activities, Funds from Govt for conducting Competitive Examination etc. The management reviews all the financial activities through scrutiny of budgets and expenses in every quarter.**

| File Description | Documents |
|---|---|
| Paste link for additional information | **Nil** |
| Upload any additional information | View File |

## 6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

The IQAC has consistently striven to institutionalize quality assurance strategies and processes at every level of the institution's functioning. From devising strategies to improve the teaching-learning process through increased use of ICT, expanding the scope of the library, transforming it into a multivalent knowledge portal, and signing MoUs with various industries & institutes to re-defining the boundaries of a vitalizing, meaningful, and holistic education. IQAC has been a proactive player in the overall benchmarking process, framing policies and devloping mechanisms for outcome based implementation.

Two practices institutionalized as a result of IQAC initiatives are:

1. Revision& Addition of Policies & its successful implementation:

IQAC has revised its exisiting policies & added six new policies to ensure standard strategy in implementing the institional processes.

2. Quality Audits:

Institute is has received ISO Certification & NABL accreditation in A Y 2021-22. Institute has conducted Academic & Administrative Audits.

Considering an AICTE Initiative on "ACTIONS for RESTORING ENVIRONMENT" and upcomg challenges on climate crises, Institute has conducted Environment Audit, Energy Audit, and Green Audit to ensure ecofriendly ambience inside and surounding the campus. Institute has also conducted Gender Audit to address the cross-cutting issue of Gender equity & Gender Equality.

| File Description | Documents |
|---|---|
| Paste link for additional information | Nil |
| Upload any additional information | No File Uploaded |

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

IQAC has been instrumental in value addition to the institution through its contribution while quality sustenance through its initiatives and contributions to different spheres of institute functioning.

In this connection, mention needs to be to the following visible improvements in teaching-learning which hold promise and potential for sustained progress of the institute;

- CO-PO-PSO attainment
- Activities for Slow & Fast learners
- Stakeholders feedback on curriculum
- 360 Degree Feedback
- Students Satisfaction Survey

| File Description | Documents |
|---|---|
| Paste link for additional information | Nil |
| Upload any additional information | No File Uploaded |

**6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)**

A. All of the above

| File Description | Documents |
|---|---|
| Paste web link of Annual reports of Institution | Nil |
| Upload e-copies of the accreditations and certifications | No File Uploaded |
| Upload any additional information | View File |
| Upload details of Quality assurance initiatives of the institution (Data Template) | View File |

**INSTITUTIONAL VALUES AND BEST PRACTICES**

## 7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

The institute promotes the empowerment of women and has zero tolerance for sexual harassment. It is committed to create a safe environment for women students and employees - an environment; free of violence, harassment, exploitation and stress through creation of awareness. Institute also runs Nirbhaya Kannya Abhiyan scheme through student development section.

Institute has several committees like InternalComplaint Committee(ICC),Anti-ragging committee,General grievance redressalc ommittee and SC/ST grievance redressal committee as per UGC regulations. ICC is constituted to deal with sexual harassment at work place. A complaint box is installed at Charholi Police Station and also in alldepartment of the institute. They ensures that all the problems are solved within 15 days.

Institute has a separate girls and boys hostels with round the clocksecurity. Separate women security guard is available at girl hostel. There are several facilities available on campus like open gym, ATM, ambulance and bus transport facility. The health center is provided on the campus with a qualified Physician collaborated with hospital Shree Kalyani Nursing Home Lohegaon.

Institute has a counsellor for students in all department and has a strongmentoring system to take care of their academic, emotional, social and cognitive development.

| File Description | Documents |
|---|---|
| Annual gender sensitization action plan | https://adypsoe.in/iqac/2021-22/711.pdf |
| Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information | https://adypsoe.in/iqac/Speciific%20Facilities%20Provided%20for%20Women.pdf |

**7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures   Solar energy Biogas plant Wheeling to the Grid   Sensor-based energy conservation Use of LED bulbs/**

A. 4 or All of the above

**power efficient equipment**

| File Description | Documents |
|---|---|
| Geo tagged Photographs | View File |
| Any other relevant information | View File |

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management  Waste recycling system Hazardous chemicals and radioactive waste management

**Solid waste Management is effectively done in the institute's technical campus by first segregating the total solid waste into bio-degradable and non-biodegradable waste. The biodegradable waste like waste food from canteen and other area is used in Biogas Plant,installed outside the canteen and Biogas generated is used as a fuel in canteen. The non-biodegradable waste is collected in dustbins/container and is over to disposal department of Pimpri Chinchwad Municipal Corporation through Housekeeping staff.**

**The Institute has a Sewage Treatment plant in which all the sewage generated is treated aerobically round the clock and the treated water with permissible disposal parameters like BOD:20 mg/lit, SS:30 mg/lit is recycled to use for gardening in the premises.**

**The Institute generates a very small quantity of E-waste generated in the form of CDs, batteries,fluorescent bulbs, PCBs and other electronic items etc. which is handed over to one private Agency for its safe disposal. Hazardous chemicals and radioactive waste is not generated in the campus.**

| File Description | Documents |
|---|---|
| Relevant documents like agreements/MoUs with Government and other approved agencies | View File |
| Geo tagged photographs of the facilities | https://drive.google.com/drive/my-drive |
| Any other relevant information | View File |

**7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction**   **A. Any 4 or all of the above**

**of tanks and bunds Waste water recycling
Maintenance of water bodies and distribution
system in the campus**

| File Description | Documents |
|---|---|
| Geo tagged photographs / videos of the facilities | View File |
| Any other relevant information | View File |

**7.1.5 - Green campus initiatives include**

**7.1.5.1 - The institutional initiatives for greening the campus are as follows:**

A. Any 4 or All of the above

1. **Restricted entry of automobiles**
2. **Use of Bicycles/ Battery powered vehicles**
3. **Pedestrian Friendly  pathways**
4. **Ban on use of Plastic**
5. **landscaping with trees and plants**

| File Description | Documents |
|---|---|
| Geo tagged photos / videos of the facilities | View File |
| Any other relevant documents | View File |

**7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution**

**7.1.6.1 - The institutional environment and energy initiatives are confirmed  through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities**

A. Any 4 or all of the above

| File Description | Documents |
|---|---|
| Reports on environment and energy audits submitted by the auditing agency | View File |
| Certification by the auditing agency | View File |
| Certificates of the awards received | View File |
| Any other relevant information | View File |

**7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment**
**5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen           reading**

**A. Any 4 or all of the above**

| File Description | Documents |
|---|---|
| Geo tagged photographs / videos of the facilities | View File |
| Policy documents and information brochures on the support to be provided | View File |
| Details of the Software procured for providing the assistance | **No File Uploaded** |
| Any other relevant information | **No File Uploaded** |

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

**To build a nation of youth who are noble in their attitude and morally responsible, the college organizes and conducted several activities to promote an environment for ethical, cultural, and spiritual values among the students and staff.**

To develop the emotional and religious feelings among the stake holders, commemorative days are celebrated in the campus in coordination with the management for not only recreation and amusement but also to generate the feeling of oneness and social harmony.

The college and its staff jointly celebrated the traditional day. It was praised with incredible energy and eagerness. The students came completely clad in their customary dress. They looked stunning as they on the whole shown a variety of hues that mirrored the assorted variety ofIndia.

Sanskrit is the foundation of Indian culture, college students celebrated Sanskrit Day. Besides academic and cultural activities, we have built up many strong infrastructures for avariety of sports activities like cricket, football, badminton, basketball, table tennis and manymore for the physical development of the students. In this way the institute's efforts/initiatives inproviding an inclusive environment for everyone with tolerance and harmony towards cultural,regional, linguistic, communal socioeconomic, and other diversities.

| File Description | Documents |
|---|---|
| Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution) | View File |
| Any other relevant information | No File Uploaded |

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

The institute has sound academic foundation of the student community. Apart from imparting professional legal education, inculcates a feeling of oneness among the student community through various practices and programs. It organizes many activities to sensitize students and employees to the constitutional obligation.

The entire nation is governed on the basis of the rights and duties preserved in the Constitutionof India. Our constitution provides a path for human dignity, equality, social justice, humanrights and freedom, rule of law, equity, respect and superiority of constitution in the national life.Institute celebrates Republic and Independence Days organizing a number of

activities highlight the struggle of people for freedom and importance of Indian constitution respectively.

The annual cultural fest is conducted every year promotes the awareness towards rights andduties of citizens. In the fest different skits, dances, poetry, singing etc are performe demphasizing constitutional values, rights, duties and responsibilities of citizens.

Institute arranges guest lectures and workshops by eminent personalities to deliver sessions onethics, values, duties, and responsibilities. The affiliating University curriculum is framed with mandatory courses like Professional ethics and human values.

| File Description | Documents |
|---|---|
| Details of activities that inculcate values; necessary to render students in to responsible citizens | View File |
| Any other relevant information | No File Uploaded |

**7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students,         teachers, administrators and other staff     4. Annual awareness programmes on Code of Conduct are organized**

**A. All of the above**

| File Description | Documents |
|---|---|
| Code of ethics policy document | View File |
| Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims | View File |
| Any other relevant information | No File Uploaded |

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

**Institute celebrates National and International days enthusiastically every year. All staff members and students gather in the college to celebratethese days. Every culture has number of festivals and celebration has become a vital activity.Celebration of cultural and constitutional festivals is integral part of college's co-curricularactivities.**

**Throughout the year different days are celebrated by students with guidance of teachers whichhelp them to know about different cultures and to cognitively imagine India as a nation. Theacademic calendar is brimming with important events which show enthusiasm of this institutionin celebrating many national as well as international days and commemorative events andfestivals. Republic day and Independence Day is celebrated every year.**

| File Description | Documents |
| --- | --- |
| Annual report of the celebrations and commemorative events for the last (During the year) | View File |
| Geo tagged photographs of some of the events | View File |
| Any other relevant information | **No File Uploaded** |

## 7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

**BEST PRACTICE – 1**

**1. Title of the Practice: Enrichment of Teaching & Learning Process (ETLP)**

**2. Objectives of the Practice:**

- **Mentoring system to address issues of learners.**
- **Knowing the learner better to serve better.**
- **Interactions with parents through PTM.**
- **Feedbacks for improvement.**

## 3. Context:

In order to enrich the teaching and learning process, we have adopted an integrated approach of Student's mentoring, slow and advanced learners, parent-teacher meet and stakeholder feedback.

## 4. Practice:

- Mentoring system implemented to solve different issues of learner.
- Conduction of Baseline Test to know the level of learner and accordingly various activities were implemented.
- Interaction with parents to know academic growth of learner by organizing Parent Teacher Meetings and implemented feedback system to improve our services to learner.

## BEST PRACTICE – 2

**1. Title of the Practice:** Holistic Approach to Support Learner [HASL]

## 2. Objectives of the Practice:

- Financial support.
- Stress free learning.
- An approach to seek fully activate all aspects of the learner's
- Social connect toward NSS.

## 3. Context:

DYPSOE conducts a good number of co-curricular and extra-curricular activities like Webinars, Seminars, Guest Lectures, Expert Talk and Yoga for the students from diverse background for their holistic development.

## 4. Practice:

- Total 32 students are participated in Webinar on competitive exam preparation.
- Guest Lectures are arranged on study abroad after Engineering in order to pursue higher education like MS, ME and M.Tech..
- Students are trained in yoga by professional yoga trainer maintain mental & physical health.

| File Description | Documents |
|---|---|
| Best practices in the Institutional web site | [View File](#) |
| Any other relevant information | No File Uploaded |

## 7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

The Institute has an eco-friendly infrastructure with sustainable green architectural campus.Natural light & ventilation enhances the beauty of the buildings. The water and air samples areperiodically tested which are within the permissible limit as per IS 10500:2012. Green initiatives practiced by the college reduce the source of air pollution on the campus and keeps the campus clean and plastic free.

The institute has sound planning of water use and management of water resources. Rain water harvesting practices are adopted in the campus for recharging ground water. Drip irrigation systemfor plants and recycling of waste water adds to the efficient water management. A well maintained Sewage Treatment Plant [STP] and efficient segregation all types of solid wastes with its disposal are practiced and periodically audited.

The Institute is full of Biodiversity -about 30 different floras are planted for beautification anddifferent types of birds and insects are observed. At most care is taken for Health and Safety Management For the entire stakeholders, the campus is like second home.

An initiative towards carbon neutrality is promoted by providing Electrical Stations in campuspromoting the use of Electric bikes to minimize pollution globally.

# Part B

## CURRICULAR ASPECTS

## 1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

The principal receives inputs through IQAC, the Department Advisory Board, the Academic Calendar of SPPU, and the Academic Coordinator. Based on the inputs IQAC prepares the academic calendar at the beginning of the academic session. Departments prepare their Department Academic calendar in line with Institute's Academic Calendar. Both academic calendars consist of curricular, co-curricular, and extracurricular activities for effective implementation and delivery of the curriculum. The teacher prepares a teaching plan including unit-wise learning outcomes. Unit-wise Tests are conducted, and results are displayed. Periodical meetings of the Head of the Departments are held with the Principal to discuss mid-term academic progress. Effective learning tools like Assignments, seminars, Guest lectures, projects, PBL, and industrial visits are part of students learning. CO & PO mapping and assessment are done at the end of the semester. Assessed outcomes of the program reveal the weaknesses and strengths of course delivery components helping teachers modify course delivery methods. Faculties are encouraged to participate in UGC/AICTE sponsored Career-Oriented Courses/workshops/training programs. Short Term Courses and Soft Skill programs are conducted for the overall development of students. Faculties provide advanced knowledge beyond syllabus for overall growth of students. Students encourage for participating in various events. Principal, head of department along with dean academics monitor the process of teaching learning

| File Description | Documents |
|---|---|
| Upload relevant supporting document | [View File](#) |
| Link for Additional information | https://dypsoe.in/iqac/2021-22/111.pdf |

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

The academic calendar is prepared by the academic coordinator

in consultation with HoDs and in line with the affiliated University calendar which is finally approved by the Principal. The academic calendar is prepared so that teachers and students should know all the activities regarding the continuous internal evaluation process. At the beginning of the academic session, the students are apprised of the academic calendar, which is uploaded on the college website and displayed on notice boards. Only the Principal is allowed to modify the academic calendar where he may deem fit thinking about unforeseen circumstances, for instance, several changes made on examination dates as per directives by the University, especially during the COVID pandemic. Based on the academic calendar issued by the Principal, the departments also make their academic calendar and circulated it to all students and faculty members. The department calendar is more specific, with details like internal evaluations: class tests, assignments, industrial visits, etc. The course teachers announce the syllabus/Curriculum plan, Course outcomes, and Course objectives and display question banks, Class tests, and assignments. Assignments are submitted by students as per the dates given in the academic calendar and sometimes by course teachers. During online teaching Microsoft teams platform was used for lectures, giving assignments, conducting tests, etc.

| File Description | Documents |
|---|---|
| Upload relevant supporting documents | [View File](View File) |
| Link for Additional information | https://dypsoe.in/iqac/2021-22/112.pdf |

| | |
|---|---|
| **1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year.  Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs  Design and Development of Curriculum for Add on/ certificate/ Diploma Courses  Assessment /evaluation process of the affiliating University** | B. Any 3 of the above |

| File Description | Documents |
|---|---|
| Details of participation of teachers in various bodies/activities provided as a response to the metric | View File |
| Any additional information | View File |

## 1.2 - Academic Flexibility

## 1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

## 1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

**5**

| File Description | Documents |
|---|---|
| Any additional information | View File |
| Minutes of relevant Academic Council/ BOS meetings | **No File Uploaded** |
| Institutional data in prescribed format (Data Template) | View File |

## 1.2.2 - Number of Add on /Certificate programs offered during the year

## 1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

**3**

| File Description | Documents |
|---|---|
| Any additional information | View File |
| Brochure or any other document relating to Add on /Certificate programs | View File |
| List of Add on /Certificate programs (Data Template ) | View File |

## 1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

**262**

## 1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

**262**

| File Description | Documents |
|---|---|
| Any additional information | View File |
| Details of the students enrolled in Subjects related to certificate/Add-on programs | View File |

## 1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

The present curriculum has integrated Gender, Environment and Sustainability, Human Values, and Professional Ethics courses addressing the above issues are included in the curriculum of various programs (e.g. humanities and social sciences, environmental engineering, air pollution and control, disaster management, industrial management and entrepreneurship, soft skills, energy audit management, human rights, etc.) for holistic development of the students. The course enables to recognize the significance of human values, ethics, and morals and to motivate the students to practice ethical behavior in day to day activities..The Institute has established a National Social Service (NSS) under the SPPU. NSS organizes activities related to Environment and Sustainability like Swachha Bharat Abhiyan, Tree Plantation, and blood donation camps organized under human value activities. Guest lectures are also arranged on cross-cutting issues like human ethics, gender equality & women's rights, sexual harassment in an organization, the right to live for everyone, etc. Professional ethics are imbibed amongst students by encouraging them to participate in professional activities like seminars, conferences, workshops, and tech activities. Students Chapters of departmental students have been established for the holistic development of students. The institute has an active Entrepreneurship Development Cell (EDC) which nurtures the spirit of entrepreneurship.

| File Description | Documents |
|---|---|
| Any additional information | View File |
| Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum | View File |

## 1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

20

| File Description | Documents |
|---|---|
| Any additional information | No File Uploaded |
| Programme / Curriculum/ Syllabus of the courses | View File |
| Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses | No File Uploaded |
| MoU's with relevant organizations for these courses, if any | No File Uploaded |
| Number of courses that include experiential learning through project work/field work/internship (Data Template) | View File |

## 1.3.3 - Number of students undertaking project work/field work/ internships

1685

| File Description | Documents |
|---|---|
| Any additional information | View File |
| List of programmes and number of students undertaking project work/field work/ /internships (Data Template) | View File |

23-02-2023 12:37:54

**1.4 - Feedback System**

| 1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni | A. All of the above |
|---|---|

| File Description | Documents |
|---|---|
| URL for stakeholder feedback report | View File |
| Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload) | View File |
| Any additional information(Upload) | View File |

| 1.4.2 - Feedback process of the Institution may be classified as follows | A. Feedback collected, analyzed and action taken and feedback available on website |
|---|---|

| File Description | Documents |
|---|---|
| Upload any additional information | View File |
| URL for feedback report | https://dypsoe.in/iqac/2021-22/14.pdf |

**TEACHING-LEARNING AND EVALUATION**

**2.1 - Student Enrollment and Profile**

**2.1.1 - Enrolment Number Number of students admitted during the year**

**2.1.1.1 - Number of sanctioned seats during the year**

**716**

| File Description | Documents |
|---|---|
| Any additional information | View File |
| Institutional data in prescribed format | View File |

**2.1.2 - Number of seats filled against seats reserved for various categories (SC,  ST, OBC,**

**Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)**

**2.1.2.1 - Number of actual students admitted from the reserved categories during the year**

**271**

| File Description | Documents |
| --- | --- |
| Any additional information | View File |
| Number of seats filled against seats reserved (Data Template) | View File |

**2.2 - Catering to Student Diversity**

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

In first year, teacher Guardians are allotted to groups of students. The teacher guardian interacts with student, which helps to understand individual learning levels. Also, after-one-month, the student's performance is analyzed through continuous internal assessment by conducting the class test. Consistent monitoring, remedial classes, and extra practice sessions are conducted for slow-learners. The subject teacher provides notes, question-banks. Based on need of student, revision of challenging topics is carried out by teacher. The teachers give assignments and help learners to solve previous-question-papers. The subject-teacher gives personal attention to such students.

Transitional-learners are encouraged to participate in Seminars/Conferences/Technical-Events. Teachers also boost transitional-learners to complete NPTEL/Coursera/Udemy/Advanced courses/industry-sponsored-internships. They are encouraged to participate in incubation-center-activities, Center_of_Excellence(CoE) activities, and various 'Student-Activity-Clubs. Teachers also motivate and guide for higher studies and various competitive examinations.

Advance-learners are encouraged to prepare and appear for various competitive exams, to become members of various professional-bodies through which they organize technical-events for students. They are advised to participate in group-discussions & technical-quizzes to develop analytical & problem-solving abilities, thereby improving their presentation-skills. They are encouraged to conduct and participate in various

**activities to develop creativity. They are also organizing Intercollegiate as well as national-level technical symposiums.**

| File Description | Documents |
|---|---|
| Link for additional Information | https://adypsoe.in/iqac/2021-22/221.pdf |
| Upload any additional information | View File |

**2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)**

| Number of Students | Number of Teachers |
|---|---|
| **1866** | **90** |

| File Description | Documents |
|---|---|
| Any additional information | View File |

## 2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

**Various methods enhance the student's learning experience and provide a healthy teaching environment, such as interactive, collaborative, and independent learning. Student-centric activities such as field visits, industrial visits, internships, and project work were conducted for experimental learning to enhance the student's learning skills. Peer learning techniques such as peer tutoring (seminar by the student to the students), quiz competitions, and group discussions are used to improve the studentsunderstanding. For project-based learning, project work is assigned in two categories- a mini project and a significant project, an essential element of each program. The students were guided to select innovative projects based on the latest topics and were asked to present their work.**

| File Description | Documents |
|---|---|
| Upload any additional information | **No File Uploaded** |
| Link for additional information | https://adypsoe.in/iqac/2021-22/231.pdf |

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

To prepare students for the business world, students need to master the latest technologies. As a result, teachers use the hybrid mode of learning. The College emphasizes using Information and Communication Technology (ICT) enabled tools for effective teaching-learning processes. Online platform Microsoft (MS) Teams and LMS tools were used. The teacher shares the assignments, quizzes, notes, and presentations on the LMS platform. They use Pen Tablet to support, enhance and optimize the delivery of lectures. This has effectively impacted the teaching-learning process. The virtual lab platform is used to discuss the practicals and tutorials of various subjects. The College also provides an E-book facility to the students.

| File Description | Documents |
|---|---|
| Upload any additional information | [View File](#) |
| Provide link for webpage describing the ICT enabled tools for effective teaching-learning process | https://adypsoe.in/iqac/ict.pdf |

**2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year )**

**2.3.3.1 - Number of mentors**

72

| File Description | Documents |
|---|---|
| Upload, number of students enrolled and full time teachers on roll. | [View File](#) |
| Circulars pertaining to assigning mentors to mentees | [View File](#) |
| mentor/mentee ratio | [View File](#) |

**2.4 - Teacher Profile and Quality**

**2.4.1 - Number of full time teachers against sanctioned posts during the year**

90

| File Description | Documents |
|---|---|
| Full time teachers and sanctioned posts for year (Data Template) | View File |
| Any additional information | View File |
| List of the faculty members authenticated by the Head of HEI | View File |

**2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)**

**2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year**

**14**

| File Description | Documents |
|---|---|
| Any additional information | View File |
| List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template) | View File |

**2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)**

**2.4.3.1 - Total experience of full-time teachers**

**405**

| File Description | Documents |
|---|---|
| Any additional information | View File |
| List of Teachers including their PAN, designation, dept. and experience details(Data Template) | View File |

**2.5 - Evaluation Process and Reforms**

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The institute has an internal examination and assessment policy. At the beginning of the odd semester the meeting of academic committee is conducted. The Academic Calendar including dates of internal examinations is finalized by that committee. Academic Calendar is circulated to HoDs, Staff and Students. The Department Academic coordinator along with Internal Exam coordinator prepares detail time table one week before the commencement of internal examinations.

The internal examinations planned as Summative Test covering unit-1 and Unit Test-1 on units-2 & 3 and Unit Test-2 on units 4, 5 & 6. Summative Test being conducted on department level..

To conduct the internal examinations with transparency, the nature of question paper is discussed before the internal examinations with students. The model answer sheet is given the students. The assessment done is explained to the students and areas of improvement are shown. Assessment of cases under grievances can be reassessed by another teacher / HoD. The question paper is discussed by the subject teacher with the students after internal examinations.

| File Description | Documents |
|---|---|
| Any additional information | [View File](View File) |
| Link for additional information | https://adypsoe.in/iqac/2021-22/251.pdf |

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time-bound and efficient

The institute has a mechanism to deal with grievances related with internal examination.

In case the questions asked in unit tests are out of syllabus, the marks for such questions shall be given by the subject teacher. Before assessment of answer sheets, the solution and marking scheme shall be submitted by subject teacher to the department examination coordinator.

If any student claims that he/she has been victimized while doing the assessment, HoD will direct the same faculty to re-assess or may appoint another faculty. In case if the student is marked absent in the result sheet of Unit Tests in spite of being present in the exam, the subject teacher needs to verify the attendance sheet.

In case if student has faced network issue during uploading
answer sheet to Microsoft Teams/LMS during unit tests, the
subject teacher shall give extra time for uploading the file.

In case if there is MS Teams/LMS server down issue, the
department examination coordinator has to reschedule that exam.

| File Description | Documents |
| --- | --- |
| Any additional information | View File |
| Link for additional information | https://adypsoe.in/iqac/2021-22/252.pdf |

## 2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the
Programmes offered by the institution.

The programme and course outcomes for all the programmes
offered by the institution are stated and displayed on the
website of institute. POs and COs are communicated to teachers
and students via a notice issued by the principal. POs are
prominently displayed on the departmental notice board. The
COs, POs & PSOs are discussed by the head of department in the
departmental meeting with the teachers. COs are also kept in
the course file of the subject teacher. At the start of
teaching of a particular course the subject teacher explains
POs and COs to the students.

| File Description | Documents |
| --- | --- |
| Upload any additional information | View File |
| Paste link for Additional information | https://adypsoe.in/iqac/2021-22/261.pdf |
| Upload COs for all courses (exemplars from Glossary) | No File Uploaded |

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the
institution.

For the attainment of COs, POs and PSOs the tools of indirect
assessment, direct internal assessment and direct external
assessment are used. In indirect tool of assessment, the course
exit survey is used. The course exit survey is conducted based
on all six COs. In direct internal tool of assessment, marks of
unit tests and continuous assessment marks of each students are

used where as in direct external tool of assessment, the percentage result (university) of the subject and marks of Practical/Oral/Term-work are used. The weightage given for direct assessment (Internal) is 20% to tests and 10% to continuous assessment whereas 60 % to university result of subject and 10% to Practical/Oral/Term-work. CO attainment is calculated by giving 80% weightage to direct assessment and 20% to indirect assessment. Attainment of PSO is calculated by using level of PSO and level of CO attainment.

| File Description | Documents |
|---|---|
| Upload any additional information | [View File](#) |
| Paste link for Additional information | https://adypsoe.in/iqac/2021-22/262.pdf |

**2.6.3 - Pass percentage of Students during the year**

**2.6.3.1 - Total number of final year students who passed the university examination during the year**

**469**

| File Description | Documents |
|---|---|
| Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template) | [View File](#) |
| Upload any additional information | [View File](#) |
| Paste link for the annual report | https://adypsoe.in/iqac/2021-22/263.pdf |

**2.7 - Student Satisfaction Survey**

**2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)**

https://adypsoe.in/iqac/2021-22/2.7.pdf

**RESEARCH, INNOVATIONS AND EXTENSION**

**3.1 - Resource Mobilization for Research**

**3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)**

**3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)**

0

| File Description | Documents |
|---|---|
| Any additional information | No File Uploaded |
| e-copies of the grant award letters for sponsored research projects /endowments | No File Uploaded |
| List of endowments / projects with details of grants(Data Template) | View File |

**3.1.2 - Number  of departments having Research projects funded by government and non government agencies during the year**

**3.1.2.1 - Number of departments having Research projects funded by government and non-government agencies during the year**

0

| File Description | Documents |
|---|---|
| List of research projects and funding details (Data Template) | No File Uploaded |
| Any additional information | No File Uploaded |
| Supporting document from Funding Agency | No File Uploaded |
| Paste link to funding agency website | NA |

**3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year**

**3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year**

17

| File Description | Documents |
|---|---|
| Report of the event | View File |
| Any additional information | **No File Uploaded** |
| List of workshops/seminars during last 5 years (Data Template) | View File |

## 3.2 - Research Publications and Awards

### 3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

### 3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year

**29**

| File Description | Documents |
|---|---|
| Any additional information | View File |
| List of research papers by title, author, department, name and year of publication (Data Template) | View File |

### 3.2.2 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

### 3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year

**15**

| File Description | Documents |
|---|---|
| Any additional information | View File |
| List books and chapters edited volumes/ books published (Data Template) | View File |

## 3.3 - Extension Activities

3.3.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

**Dr. D Y Patil School of Engineering plays a vital role in fostering social responsibility among the students through**

Extension activities to fulfill the aspirations of institutionVision and mission.

Institute NSS Unitconductsvarious activities likeecofriendly campus, awareness drives through street plays,blood donation campsetc.NSS Unit student volunteers are actively engaged insocial activities likespecial camps in adopted villages, service to orphanages, tree plantation, yoga classes etc. These programs helps students to develop a sense of responsibility, accountability, integrity, and enhances human values.

The Institution organizes the events like Unity day, International yoga day, NSS Formation Day, Women's dayandbirth anniversaries of great Indian personalities.

The institute recognizes that the purpose of education is not just to prepare the students to earn a livelihood but moreto make them good citizens and good human beings. Values of caring and sharing with the underprivileged are important elements to be inculcated through education. The institution's Community Service Scheme provides the students an opportunity to understand the community; identify its needs and problems as well as the solutions in which they can be involved by assuming social and civic responsibilities.

| File Description | Documents |
|---|---|
| Paste link for additional information | Nil |
| Upload any additional information | No File Uploaded |

**3.3.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year**

**3.3.2.1 - Total number of awards and recognition received for extension activities from Government/ government recognized bodies during the year**

01

| File Description | Documents |
|---|---|
| Any additional information | **No File Uploaded** |
| Number of awards for extension activities in last 5 year(Data Template) | [View File](#) |
| e-copy of the award letters | [View File](#) |

**3.3.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., ( including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs ) during the year**

**3.3.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year**

**32**

| File Description | Documents |
|---|---|
| Reports of the event organized | [View File](#) |
| Any additional information | [View File](#) |
| Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template) | [View File](#) |

**3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year**

**3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year**

**2090**

| File Description | Documents |
|---|---|
| Report of the event | [View File](#) |
| Any additional information | **No File Uploaded** |
| Number of students participating in extension activities with Govt. or NGO etc (Data Template) | [View File](#) |

## 3.4 - Collaboration

### 3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

**119**

| File Description | Documents |
|---|---|
| e-copies of linkage related Document | View File |
| Details of linkages with institutions/industries for internship (Data Template) | View File |
| Any additional information | No File Uploaded |

### 3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

### 3.4.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. during the year

**23**

| File Description | Documents |
|---|---|
| e-Copies of the MoUs with institution./ industry/corporate houses | View File |
| Any additional information | No File Uploaded |
| Details of functional MoUs with institutions of national, international importance, other universities etc during the year | View File |

## INFRASTRUCTURE AND LEARNING RESOURCES

## 4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

**The Institute has created and upgraded infrastructure from time to time as per the guidelines laid down by the AICTE, DTE and SPPU. The required facilities for effective teaching-learning process, co-curricular and extra-curricular activities are made available. The facilities are regularly enhanced by keeping in mind the needs of today's world with special focus on latest**

technologies, R&D and consultancy activities.

The physical infrastructure comprises 22classrooms, 11 tutorial rooms, 36 laboratories, 1 seminar hall, 1 central computing lab, 1 central library and a dedicated study room, besides the institute has academic and administrative rooms for supporting undergraduate and postgraduate programs. Our classrooms and seminar halls are well ventilated, illuminated and furnished with modern set-up. These are well equipped with interactive boards and panels, LCD projector, LAN connection along with high speed Wi-Fi. Our laboratories are well equipped and are regularly maintained and looked after by Technicians. The various charts, models and cut sections displayed in laboratories adds to better understanding of our students which is also adding value to the infrastructure of the institute.To acquaint the students with latest technologies, the institute has established Centres of Excellence, Incubation Centre, we also have modern types of machinery like 3D printer, Wind-tunnel, accelerated curing tank, FFT analyser, Spectrum analyser, PLCs, Digital UTM, Vector analyser, Variable Frequency Drives and software like MATLAB, ANSYS.

| File Description | Documents |
|---|---|
| Upload any additional information | [View File](#) |
| Paste link for additional information | https://dypsoe.in/iqac/2021-22/411.pdf |

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

In order to ensure overall grooming of students along with academics, the institute has always welcomed and supported Co-curricular and extra-curricular activities. We have a well established Gymkhana Department and Cultural Committee which is supported by student committees thereof. It regularly organizes various events like Eternity and Go-Kart. The students of 'Earn and Learn' scheme helps in operation and management of facilities.

Cultural, Outdoor and Indoor sports facilities available with us are as follow-

Auditorium with 250 seating capacity equipped with proper sound and light systems. Separate 'Avirat Club' room equipped with

required musical instruments is also available for students to practice. Institute organizes a Five day cultural event "Eternity" every year and more than 2000 students of the institute participate enthusiastically in various types of cultural events. Students are involved in planning and management of the event and the exemplary personalities from different professions are invited to motivate and share their experience. The national days and major festivals of the year are marked and celebrated enthusiastically.

Two playgrounds are available for playing Cricket and Football. We also have two Volleyball, four Synthetic Lawn Tennis courts and two basketball grounds are available for outdoor games. Badminton Hall with two courts, Table Tennis (3 tables), Chess and Carrom are available in the gymkhana.

The gymnasium is equipped with nine station multi-gym, single stations gym equipment, highlight pulley, PecDeck, arm curling pulley and quality weight lifting. Separate outdoor gymnasium facilities are also installed in college premises.

| File Description | Documents |
|---|---|
| Upload any additional information | [View File](#) |
| Paste link for additional information | https://dypsoe.in/iqac/2021-22/412.pdf |

**4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.**

23

**4.1.3.1 - Number of classrooms and seminar halls with ICT facilities**

23

| File Description | Documents |
|---|---|
| Upload any additional information | [View File](#) |
| Paste link for additional information | https://dypsoe.in/iqac/2021-22/413.pdf |
| Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template) | [View File](#) |

**4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)**

**4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)**

**14.51582**

| File Description | Documents |
|---|---|
| Upload any additional information | View File |
| Upload audited utilization statements | View File |
| Upload Details of budget allocation, excluding salary during the year (Data Template) | View File |

**4.2 - Library as a Learning Resource**

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

**Sr.**

**No**

**Particulars**

**Description**

**1**

**Name of the ILMS software**

**KOHA**

**2**

**Nature of automation (fully or partially)**

**Partially**

**3**

Version

19.11.00.000

4

Year of Automation

2015

The main purpose of the library is that; acquire the resources, store, manage & provide it to its stakeholders. The same work is done at the central library. To manage the resources; Institute central library is using KOHA. Koha is a full-featured open-source ILS. Koha is currently maintained by a team of software providers and library technology staff from around the globe. Before this we used another ERP package name Synthesis & completed library automation in 2015. We continue the library automation with KOHA also.

KOHA effectively manages all the services of the library which is a cloud-based digital platform that provides end-to-end solutions to streamline multi-level workflow. This is the full-fledged package for the libraries. Its cover various Modules as per follows: Circulation, Cataloging, Patrons, Serials, Advanced Search, Acquisition, Lists, Reports, Authorities, Tools, KOHA Administration, OPAC Module,User tracking systemetc.

| File Description | Documents |
|---|---|
| Upload any additional information | View File |
| Paste link for Additional Information | https://dypsoe.in/iqac/2021-22/421.pdf |

| 4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources | A. Any 4 or more of the above |
|---|---|
| | |

| File Description | Documents |
|---|---|
| Upload any additional information | View File |
| Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template) | View File |

## 4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

## 4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

**2.47172**

| File Description | Documents |
|---|---|
| Any additional information | View File |
| Audited statements of accounts | View File |
| Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template) | View File |

## 4.2.4 - Number per day usage of library by teachers and students ( foot falls and login data for online access) (Data for the latest completed academic year)

## 4.2.4.1 - Number of teachers and students using library per day over last one year

**105**

| File Description | Documents |
|---|---|
| Any additional information | View File |
| Details of library usage by teachers and students | View File |

## 4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

| File Description | Documents |
|---|---|
| Upload any additional information | View File |
| Paste link for additional information | https://dypsoe.in/iqac/2021-22/431.pdf |

## 4.3.2 - Number of Computers

**464**

| File Description | Documents |
|---|---|
| Upload any additional information | View File |
| Student – computer ratio | View File |

## 4.3.3 - Bandwidth of internet connection in the Institution

**A. ? 50MBPS**

| File Description | Documents |
|---|---|
| Upload any additional Information | View File |
| Details of available bandwidth of internet connection in the Institution | View File |

## 4.4 - Maintenance of Campus Infrastructure

## 4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

## 4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

**711.37948**

| File Description | Documents |
|---|---|
| Upload any additional information | View File |
| Audited statements of accounts. | View File |
| Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates) | View File |

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

All the campus buildings are well equipped with modern facilities. The campus has substations having transformers with adequate capacities to ensure power supply to hostels, main building, residential quarters, student activity centre, sewage treatment plant, medical centre etc. The college has designated officer and has selected support staff for the supervising the maintenance of buildings, classrooms and laboratories. In addition college has annual maintenance contracts with suppliers and companies for the repair and maintenance to maintain quality of the campus. Several initiates are taken from time to time like periodic painting and white washing of building and labs, the team of gardeners and housekeeping staff maintaining grounds, lawns and upkeep infrastructure, Tree plantation drives are organized every semester under the NSS.

The physical infrastructure comprises 22classrooms, 11 tutorial rooms, 36 laboratories, a seminar hall, one central computing lab, a central library and a dedicated study room. The classrooms and seminar halls are well ventilated, illuminated and furnished with modern set-up. These are well equipped with interactive boards and panels, LCD projector, LAN connection along with high speed Wi-Fi.

The playgrounds are available for playing Cricket, Football and there are two Volleyball grounds, four Synthetic Lawn Tennis courts and two basketball grounds.

Indoor facility comprises of two badminton hall, three table tennis sets. Adequate chess boards, carom boards are available indoor.

| File Description | Documents |
|---|---|
| Upload any additional information | [View File]() |
| Paste link for additional information | https://dypsoe.in/iqac/2021-22/442.pdf |

**STUDENT SUPPORT AND PROGRESSION**

**5.1 - Student Support**

**5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year**

**5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year**

**1421**

| File Description | Documents |
|---|---|
| Upload self attested letter with the list of students sanctioned scholarship | View File |
| Upload any additional information | View File |
| Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template) | View File |

**5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year**

**5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year**

**34**

| File Description | Documents |
|---|---|
| Upload any additional information | View File |
| Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template) | View File |

| | |
|---|---|
| **5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills** | **A. All of the above** |

| File Description | Documents |
|---|---|
| Link to institutional website | https://dypsoe.in/iqac/2021-22/513.pdf |
| Any additional information | View File |
| Details of capability building and skills enhancement initiatives (Data Template) | View File |

**5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year**

**1371**

**5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year**

**1371**

| File Description | Documents |
|---|---|
| Any additional information | View File |
| Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template) | View File |

| | |
|---|---|
| **5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees** | **A. All of the above** |

| File Description | Documents |
|---|---|
| Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee | View File |
| Upload any additional information | **No File Uploaded** |
| Details of student grievances including sexual harassment and ragging cases | **No File Uploaded** |

## 5.2 - Student Progression

### 5.2.1 - Number of placement of outgoing students during the year

### 5.2.1.1 - Number of outgoing students placed during the year

**307**

| File Description | Documents |
|---|---|
| Self-attested list of students placed | View File |
| Upload any additional information | View File |

### 5.2.2 - Number of students progressing to higher education during the year

### 5.2.2.1 - Number of outgoing student progression to higher education

**07**

| File Description | Documents |
|---|---|
| Upload supporting data for student/alumni | View File |
| Any additional information | **No File Uploaded** |
| Details of student progression to higher education | View File |

### 5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

### 5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State

**government examinations) during the year**

**01**

| File Description | Documents |
|---|---|
| Upload supporting data for the same | View File |
| Any additional information | View File |

**5.3 - Student Participation and Activities**

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

**5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.**

**0**

| File Description | Documents |
|---|---|
| e-copies of award letters and certificates | View File |
| Any additional information | View File |
| Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template) | View File |

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms )

**Yes, Institute has Student Council of the following members; 1. Chairman – Principal 2. Staff Advisor: Dean Academics 3. President - Final Year Student 4. General Secretary - TE 5. Members ( Three) – FE & SE Students The Institute always motivates and provides the opportunities of self-learning to the students. The students are encouraged to execute/organize various activities to enhance their soft and leadership skills.The students are empowered to form various administrative bodies and various committees to execute the variety of activities such as curricular and extra-curricular**

**activities. There are various student committees established to promote and develop their skills in curricular, co-curricular and extracurricular activities.It is ensured that students actively involved in various technical committees in the department.They also actively participate in extracurricular activities like Sports and cultural events,National Service Scheme (NSS) and other outreach activities.The student organizes and participates in technical activities. Also the students create awareness about Anti ragging measures and thus helps to make the campus a Ragging Free Zone.The Students take active role and involvement in the technical activities and also part of various professional bodies like ISHRAE, ISTE,SAE etc.**

| File Description | Documents |
|---|---|
| Paste link for additional information | https://dypsoe.in/iqac/2021-22/532.pdf |
| Upload any additional information | View File |

**5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)**

**5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year**

**0**

| File Description | Documents |
|---|---|
| Report of the event | View File |
| Upload any additional information | **No File Uploaded** |
| Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template) | View File |

**5.4 - Alumni Engagement**

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Yes, Name of Alumni Association: Alumni Association of Ajinkya D. Y. Patil School of Engineering, Charholi Bk,Lohegaon, Pune Address : Dr. D. Y. Patil Knowledge City, Charholi Bk, Via Lohegaon, Pune 412105 Registration No : Maha/ 1392/2017/Pune of date 5/10/2017 Ajinkya D.Y.Patil school of Engineering has active network of Alumni.The alumni contributes for the academic development of the Institute. The Institute organises Alumni meet every year in the Institute premises in order to arrange get together of all the passout students to share their experiences with the ongoing students and faculties.The alumni shares their knowledge with the on-going students which helps to choose the right career options related to placement opportunities or opportunities for higher studies and entrepreneurship journey.The alumni delivers expert talks/lectures,hands-on sessions on latest software which helps the students to choose their right career path.The Alumni provides the pre-placement training to build the required skills to make them skillful and employable.They are actively involved to conduct the social activities such as blood donation camps, tree plantation,Yoga and meditation sessions and, Swachh Bharat abhiyan etc.The alumni contributes in order to orient the students on Personality Development, Job and business opportunities, stress and time management.

| File Description | Documents |
|---|---|
| Paste link for additional information | https://dypsoe.in/iqac/2021-22/541.pdf |
| Upload any additional information | View File |

**5.4.2 - Alumni contribution during the year (INR in Lakhs)** | E. <1Lakhs |

| File Description | Documents |
|---|---|
| Upload any additional information | View File |

## GOVERNANCE, LEADERSHIP AND MANAGEMENT

## 6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

At Dr. D. Y. Patil School of Engineering (DYPSOE), the

governance is implemented by visionary leaders and modern thinkers. Our visionaries have envisioned the bright future of our institution and our vision, mission and quality policy is reflective of the same. Our Vision, Mission, Quality Policy is disseminated to all the stakeholders via website, display boards, and notice boards.The institute has a well-defined Perspective Plan along with short term and long term goals and theses are executed through a systematic strategic plan. To achieve the mission the institute has implemented a decentralized yet participative working model. The important functions like the academics, student activities, quality control, industrial relations, ecosystem for research and innovation activities, faculty development, staff development, examination, training and placement, stores and purchase are handled by the team of faculty and staff representing various departmentsheaded by a senior faculty or staff. Various statutory and non-statutory committees are functioning effectively also Policies and processes of the institute are spearheaded by the Principal with the support of Internal Quality Assurance Cell (IQAC). IQAC continuously monitors quality of teaching-learning process, activities conducted for students and staff, various co-curricular and extracurricular activities, AAA audits to ensure all stakeholders are benefitted.

| File Description | Documents |
|---|---|
| Paste link for additional information | Nil |
| Upload any additional information | No File Uploaded |

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

The Institute has established a well defined governance system with well defined interrelationships between various levels of stakeholders. Principal leads the academic and administrative processes supported by GC,Department Advisory Board,IQAC along with Heads of the department. Such decentralization ensures delegation of authority to all the department leading harmonious outcome. 32 Cells and committees are the pillars ensuring quality and transparent governance at each level. 24 Policies and 4 Process Manuals are the guiding principal towards day today functioning of the institution. All the heads conductsregular meetings where feedback and suggestions from

staff is valued. Feedback received from students is taken into account while restructuring and reforming the policies.Teachers are also supported to enhance their research and publications by sponsoring their certifications and memberships. Academic development and monitoring committee along with Heads of the department monitors the execution of the academic calendar on day today basis. This supports the IQAC calendar for implementation of various technical talks, workshops, add –on courses, industrial visits, internships, extracurricular activities, training and placement activities along with scheduled examinations. All the work done and revisions suggested are reviewed and discussed periodically in the regular meetings conducted by GC, DAB, Principal and HoDs.

| File Description | Documents |
| --- | --- |
| Paste link for additional information | Nil |
| Upload any additional information | No File Uploaded |

## 6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The Perspective plan of the college is fundamentally based on Vision, Mission, Quality Policy & Quality Objectives of the institute. This plan was restructured to accommodate the NEP 2020 Policy. The Goals set in the perspective plan are planned for five years starting from 2020 till 2025. The institute has successfully achieved the target of acquiring NABL accreditations and ISO certification. E-governance has also been strengthened to support hybrid mode of education of 2021-22. Through e governance, all the activities of admissions and academic administration, examination was conducted using ERP, LMS and MS Team applications. Also ICT enabled classrooms are supporting the enhanced teaching and learning methodologies. More than 1600 students were benefitted with the internship programs under the department of training and placements. Industry Institute interaction cell (IIIC) has collaborated with various industrial professionals by organizing technical talks, workshops and with several MoUs students had the much needed exposure to the industries. The research and development cell has conducted various awareness programs to promote the research activities. Teachers are supported with financial assistance to do various NPTEL certifications, membership of technical bodies, paper

**publication in UGC listed journals and conferences.**

| File Description | Documents |
|---|---|
| Strategic Plan and deployment documents on the website | [View File](#) |
| Paste link for additional information | **Nil** |
| Upload any additional information | **No File Uploaded** |

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

**Our institute functions under the top managements through a structured organogram. The institute is headed by the Principal under the guidance of the Management and Governing Body. Principal is supported by the IQAC and College Development Committee (CDC) to supervise the overall functioning of the institute. Decentralization of the work is entrusted through the effective administration by the Heads of the Departments, Section In charges such as Library, T&P, Exam etc. The Statutory committees and Non statutory cells and committees are designed to ensure a holistic growth of all the stakeholders at the institute. Cell of R&D, IPR, EDC etc are extending support towards research activities at the Institute by organizing awareness programs for UG and PG students. Service rules and procedures are guided by the affiliating Savitribai Phule Pune University. The college has well defined staff policy which includes code of conduct, responsibility etc. The recruitment rules for the teaching staff are as per the SPPU guidelines along with the eligibility criteria prescribed by the UGC / AICTE. The promotional policies for teachers are according to the Internal Promotional Scheme / Career Advancement Scheme (CAS) of affiliating university.**

| File Description | Documents |
|---|---|
| Paste link for additional information | **Nil** |
| Link to Organogram of the Institution webpage | **Nil** |
| Upload any additional information | **No File Uploaded** |

| 6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination | A. All of the above |
|---|---|

| File Description | Documents |
|---|---|
| ERP (Enterprise Resource Planning)Document | View File |
| Screen shots of user interfaces | View File |
| Any additional information | No File Uploaded |
| Details of implementation of e-governance in areas of operation, Administration etc (Data Template) | View File |

## 6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

The institute endows its employees with several welfare measures. The teaching and non-teaching staff of our institute are blessed to be working in an environment that has state of the art infrastructure. A green and clean work environment with well defined HR and Staff Policy through which it administers manpower planning, development, recruitment, employees's well-being. Besides these facilitates all the employees are given utmost importance and their needs are recognized by the institute. Maternity and Paternity leaves are fully paid along with Employees' Provident Funds and Gratuity.

All staff are provided with healthcare facility in the campus along with accidental insurance policy in case of any emergency. Other than statutory benefits, Institute organizes various cultural events, celebration of teacher's Day, birthday's, Women's Day, awards of best teaching and non teaching employees thus boosting the moral of the staff. Two sets of uniforms of the non teaching staff are given by the management. Staff members are befitted with Loan benefits from Ajeenkya Employees Credit Co-op society Ltd., there is concession in school/ college fees for the children of the employees studying in DY Patil International School at Loheagaon.

| File Description | Documents |
|---|---|
| Paste link for additional information | **Nil** |
| Upload any additional information | **No File Uploaded** |

**6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year**

**6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year**

3

| File Description | Documents |
|---|---|
| Upload any additional information | View File |
| Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template) | View File |

**6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year**

**6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year**

19

| File Description | Documents |
|---|---|
| Reports of the Human Resource Development Centres (UGCASC or other relevant centres). | **No File Uploaded** |
| Reports of Academic Staff College or similar centers | **No File Uploaded** |
| Upload any additional information | **No File Uploaded** |
| Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template) | View File |

**6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)**

**6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year**

**39**

| File Description | Documents |
|---|---|
| IQAC report summary | View File |
| Reports of the Human Resource Development Centres (UGCASC or other relevant centers) | **No File Uploaded** |
| Upload any additional information | **No File Uploaded** |
| Details of teachers attending professional development programmes during the year (Data Template) | View File |

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

**The institution has an effective Performance Appraisal System for teaching and non-teaching staff. Institute follows self-appraisal method for performance evaluation of staff. For this**

purpose, it has adopted the UGC/AICTE format of annual self-assessment for performance based appraisal system using the frame work Academic Performance Indicator (API) in three categories;

1. Teaching.

2. Research.

3. Administration.

The API Score is reviewed by the respective Head of Department and the Principal. Due emphasis is laid on sharing the feedback with the teachers. The feedback will help the teachers to know their attainment levels in different realms of API and provides motivation to further improve their performance. The record of annual self-assessment will come in handy at the time of promotions under Career Advancement Scheme. An informal & indirect teacher evaluation obtained in the format of student feedback is also being followed. It pertains to teacher's primary role of class room teaching & continuous evaluation students. So far as the non-teaching staff's appraisal is concerned, the college is following the standard format for its regular non –teaching employees.

| File Description | Documents |
|---|---|
| Paste link for additional information | Nil |
| Upload any additional information | View File |

## 6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The institute has maintained a very transparent financial audit system. There are well-defined processes for sanctioning budget to expenditure. An internal approval system for all expenses is inplace. Accordingly, a bill/voucher is recommended by the Head of the Department and approved by the Principal / Management. All the bills/vouchers are audited by an Internal Auditor periodically. Aproper record of all the expenses is maintained by the accounts department. An external auditor appointed by the trust executes the statutory audit. A statutory financial

audit is conducted intwo sessions, one in the month of
October/November for the period of April to September and the
second in the month of April /May for the period of October to
March. Finalization of the account iscompleted in June/July and
audited statements are prepared in June/July duly signed by the
Principal, and Chartered Accountant. Then audited report is
submitted by a Chartered Accountant. No violations in approval
and utilization of budget.

| File Description | Documents |
|---|---|
| Paste link for additional information | Nil |
| Upload any additional information | View File |

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

**6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)**

1.97684

| File Description | Documents |
|---|---|
| Annual statements of accounts | View File |
| Any additional information | View File |
| Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template) | View File |

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

Dr D Y Patil School of Engineering is a self-financing private
institute. The institute has maintained a very transparent
financial audit system. There are well-defined processes for
sanctioning budget to expenditure. An internal approval system
for all expenses is in place. Accordingly, a bill/voucher is
recommended by the Head of the Department and approved by the
Principal / Management. All the bills/vouchers are audited by
an Internal Auditor.It has a well-defined financial policy that
ensures optimal utilization of finances for academic,
administrative, and research activities. The institute is being

run with self-sufficient funds generated from tuition fees and other miscellaneous incomes. In case of shortage of funds, the management supports by providing the finance for Teaching, Research, Extension & Administrative activities. Financial planning is done at the beginning of the academic year well in advance with efficient budgeting. The resource mobilization is done through Consultancy Charges, Endowments, Research Grants, Sponsorship for conducting conferences, Funds from University for NSS Activities, Funds from Govt for conducting Competitive Examination etc. The management reviews all the financial activities through scrutiny of budgets and expenses in every quarter.

| File Description | Documents |
|---|---|
| Paste link for additional information | **Nil** |
| Upload any additional information | [View File](#) |

## 6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

The IQAC has consistently striven to institutionalize quality assurance strategies and processes at every level of the institution's functioning. From devising strategies to improve the teaching-learning process through increased use of ICT, expanding the scope of the library, transforming it into a multivalent knowledge portal, and signing MoUs with various industries & institutes to re-defining the boundaries of a vitalizing, meaningful, and holistic education. IQAC has been a proactive player in the overall benchmarking process, framing policies and devloping mechanisms for outcome based implementation.

Two practices institutionalized as a result of IQAC initiatives are:

1. Revision& Addition of Policies & its successful implementation:

IQAC has revised its exisiting policies & added six new policies to ensure standard strategy in implementing the instional processes.

**2. Quality Audits:**

**Institute is has received ISO Certification & NABL accreditation in A Y 2021-22. Institute has conducted Academic & Administrative Audits.**

**Considering an AICTE Initiative on "ACTIONS for RESTORING ENVIRONMENT" and upcomg challenges on climate crises, Institute has conducted Environment Audit, Energy Audit, and Green Audit to ensure ecofriendly ambience inside and surounding the campus. Institute has also conducted Gender Audit to address the cross-cutting issue of Gender equity & Gender Equality.**

| File Description | Documents |
|---|---|
| Paste link for additional information | **Nil** |
| Upload any additional information | **No File Uploaded** |

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

**IQAC has been instrumental in value addition to the institution through its contribution while quality sustenance through its initiatives and contributions to different spheres of institute functioning.**

**In this connection, mention needs to be to the following visible improvements in teaching-learning which hold promise and potential for sustained progress of the institute;**

- **CO-PO-PSO attainment**
- **Activities for Slow & Fast learners**
- **Stakeholders feedback on curriculum**
- **360 Degree Feedback**
- **Students Satisfaction Survey**

| File Description | Documents |
|---|---|
| Paste link for additional information | Nil |
| Upload any additional information | No File Uploaded |

| **6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)** | A. All of the above |
|---|---|

| File Description | Documents |
|---|---|
| Paste web link of Annual reports of Institution | Nil |
| Upload e-copies of the accreditations and certifications | No File Uploaded |
| Upload any additional information | View File |
| Upload details of Quality assurance initiatives of the institution (Data Template) | View File |

## INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

The institute promotes the empowerment of women and has zero tolerance for sexual harassment. It is committed to create a safe environment for women students and employees - an environment; free of violence, harassment, exploitation and stress through creation of awareness. Institute also runs Nirbhaya Kannya Abhiyan scheme through student development section.

Institute has several committees like InternalComplaint

Committee(ICC),Anti-ragging committee,General grievance redressalc ommittee and SC/ST grievance redressal committee as per UGC regulations. ICC is constituted to deal with sexual harassment at work place. A complaint box is installed at Charholi Police Station and also in alldepartment of the institute. They ensures that all the problems are solved within 15 days.

Institute has a separate girls and boys hostels with round the clocksecurity. Separate women security guard is available at girl hostel. There are several facilities available on campus like open gym, ATM, ambulance and bus transport facility. The health center is provided on the campus with a qualified Physician collaborated with hospital Shree Kalyani Nursing Home Lohegaon.

Institute has a counsellor for students in all department and has a strongmentoring system to take care of their academic, emotional, social and cognitive development.

| File Description | Documents |
|---|---|
| Annual gender sensitization action plan | https://adypsoe.in/iqac/2021-22/711.pdf |
| Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information | https://adypsoe.in/iqac/Speciific%20Facilities%20Provided%20for%20Women.pdf |

| **7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment** | **A. 4 or All of the above** |
|---|---|

| File Description | Documents |
|---|---|
| Geo tagged Photographs | View File |
| Any other relevant information | View File |

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid

waste management Biomedical waste management E-waste management  Waste recycling system Hazardous chemicals and radioactive waste management

Solid waste Management is effectively done in the institute's technical campus by first segregating the total solid waste into bio-degradable and non-biodegradable waste. The biodegradable waste like waste food from canteen and other area is used in Biogas Plant,installed outside the canteen and Biogas generated is used as a fuel in canteen. The non-biodegradable waste is collected in dustbins/container and is over to disposal department of Pimpri Chinchwad Municipal Corporation through Housekeeping staff.

The Institute has a Sewage Treatment plant in which all the sewage generated is treated aerobically round the clock and the treated water with permissible disposal parameters like BOD:20 mg/lit, SS:30 mg/lit is recycled to use for gardening in the premises.

The Institute generates a very small quantity of E-waste generated in the form of CDs, batteries,fluorescent bulbs, PCBs and other electronic items etc. which is handed over to one private Agency for its safe disposal. Hazardous chemicals and radioactive waste is not generated in the campus.

| File Description | Documents |
|---|---|
| Relevant documents like agreements/MoUs with Government and other approved agencies | View File |
| Geo tagged photographs of the facilities | https://drive.google.com/drive/my-drive |
| Any other relevant information | View File |

| | |
|---|---|
| **7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus** | A. Any 4 or all of the above |

| File Description | Documents |
|---|---|
| Geo tagged photographs / videos of the facilities | View File |
| Any other relevant information | View File |

**7.1.5 - Green campus initiatives include**

| 7.1.5.1 - The institutional initiatives for greening the campus are as follows:<br><br>1. Restricted entry of automobiles<br>2. Use of Bicycles/ Battery powered vehicles<br>3. Pedestrian Friendly  pathways<br>4. Ban on use of Plastic<br>5. landscaping with trees and plants | A. Any 4 or All of the above |
|---|---|

| File Description | Documents |
|---|---|
| Geo tagged photos / videos of the facilities | View File |
| Any other relevant documents | View File |

**7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution**

| 7.1.6.1 - The institutional environment and energy initiatives are confirmed  through the following 1.Green audit 2. Energy audit   3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities | A. Any 4 or all of the above |
|---|---|

| File Description | Documents |
|---|---|
| Reports on environment and energy audits submitted by the auditing agency | View File |
| Certification by the auditing agency | View File |
| Certificates of the awards received | View File |
| Any other relevant information | View File |

| | |
|---|---|
| **7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment     5. Provision for enquiry and  information : Human assistance, reader, scribe, soft copies of reading material, screen            reading** | A. Any 4 or all of the above |

| File Description | Documents |
|---|---|
| Geo tagged photographs / videos of the facilities | View File |
| Policy documents and information brochures on the support to be provided | View File |
| Details of the Software procured for providing the assistance | No File Uploaded |
| Any other relevant information | No File Uploaded |

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

To build a nation of youth who are noble in their attitude and morally responsible, the college organizes and conducted several activities to promote an environment for ethical, cultural, and spiritual values among the students and staff.

To develop the emotional and religious feelings among the stake holders, commemorative days are celebrated in the campus in coordination with the management for not only recreation and amusement but also to generate the feeling of oneness and social harmony.

The college and its staff jointly celebrated the traditional day. It was praised with incredible energy and eagerness. The students came completely clad in their customary dress. They looked stunning as they on the whole shown a variety of hues

that mirrored the assorted variety ofIndia.

Sanskrit is the foundation of Indian culture, college students celebrated Sanskrit Day. Besides academic and cultural activities, we have built up many strong infrastructures for avariety of sports activities like cricket, football, badminton, basketball, table tennis and manymore for the physical development of the students. In this way the institute's efforts/initiatives inproviding an inclusive environment for everyone with tolerance and harmony towards cultural,regional, linguistic, communal socioeconomic, and other diversities.

| File Description | Documents |
|---|---|
| Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution) | [View File](#) |
| Any other relevant information | No File Uploaded |

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

The institute has sound academic foundation of the student community. Apart from imparting professional legal education, inculcates a feeling of oneness among the student community through various practices and programs. It organizes many activities to sensitize students and employees to the constitutional obligation.

The entire nation is governed on the basis of the rights and duties preserved in the Constitutionof India. Our constitution provides a path for human dignity, equality, social justice, humanrights and freedom, rule of law, equity, respect and superiority of constitution in the national life.Institute celebrates Republic and Independence Days organizing a number of activities highlight the struggle of people for freedom and importance of Indian constitution respectively.

The annual cultural fest is conducted every year promotes the awareness towards rights andduties of citizens. In the fest different skits, dances, poetry, singing etc are performe demphasizing constitutional values, rights, duties and responsibilities of citizens.

**Institute arranges guest lectures and workshops by eminent personalities to deliver sessions onethics, values, duties, and responsibilities. The affiliating University curriculum is framed with mandatory courses like Professional ethics and human values.**

| File Description | Documents |
|---|---|
| Details of activities that inculcate values; necessary to render students in to responsible citizens | [View File](#) |
| Any other relevant information | **No File Uploaded** |

| 7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized | **A. All of the above** |
|---|---|

| File Description | Documents |
|---|---|
| Code of ethics policy document | [View File](#) |
| Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims | [View File](#) |
| Any other relevant information | **No File Uploaded** |

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

**Institute celebrates National and International days enthusiastically every year. All staff members and students gather in the college to celebratethese days. Every culture has number of festivals and celebration has become a vital**

activity.Celebration of cultural and constitutional festivals is integral part of college's co-curricularactivities.

Throughout the year different days are celebrated by students with guidance of teachers whichhelp them to know about different cultures and to cognitively imagine India as a nation. Theacademic calendar is brimming with important events which show enthusiasm of this institutionin celebrating many national as well as international days and commemorative events andfestivals. Republic day and Independence Day is celebrated every year.

| File Description | Documents |
| --- | --- |
| Annual report of the celebrations and commemorative events for the last (During the year) | [View File](#) |
| Geo tagged photographs of some of the events | [View File](#) |
| Any other relevant information | No File Uploaded |

## 7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

BEST PRACTICE – 1

1. Title of the Practice: Enrichment of Teaching & Learning Process (ETLP)

2. Objectives of the Practice:

- Mentoring system to address issues of learners.
- Knowing the learner better to serve better.
- Interactions with parents through PTM.
- Feedbacks for improvement.

3. Context:

In order to enrich the teaching and learning process, we have adopted an integrated approach of Student's mentoring, slow and advanced learners, parent-teacher meet and stakeholder feedback.

## 4. Practice:

- Mentoring system implemented to solve different issues of learner.
- Conduction of Baseline Test to know the level of learner and accordingly various activities were implemented.
- Interaction with parents to know academic growth of learner by organizing Parent Teacher Meetings and implemented feedback system to improve our services to learner.

## BEST PRACTICE – 2

1. Title of the Practice: Holistic Approach to Support Learner [HASL]

2. Objectives of the Practice:

- Financial support.
- Stress free learning.
- An approach to seek fully activate all aspects of the learner's
- Social connect toward NSS.

3. Context:

DYPSOE conducts a good number of co-curricular and extra-curricular activities like Webinars, Seminars, Guest Lectures, Expert Talk and Yoga for the students from diverse background for their holistic development.

4. Practice:

- Total 32 students are participated in Webinar on competitive exam preparation.
- Guest Lectures are arranged on study abroad after Engineering in order to pursue higher education like MS, ME and M.Tech..
- Students are trained in yoga by professional yoga trainer maintain mental & physical health.

| File Description | Documents |
|---|---|
| Best practices in the Institutional web site | View File |
| Any other relevant information | No File Uploaded |

**7.3 - Institutional Distinctiveness**

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

The Institute has an eco-friendly infrastructure with sustainable green architectural campus.Natural light & ventilation enhances the beauty of the buildings. The water and air samples areperiodically tested which are within the permissible limit as per IS 10500:2012. Green initiatives practiced by the college reduce the source of air pollution on the campus and keeps the campus clean and plastic free.

The institute has sound planning of water use and management of water resources. Rain water harvesting practices are adopted in the campus for recharging ground water. Drip irrigation systemfor plants and recycling of waste water adds to the efficient water management. A well maintained Sewage Treatment Plant [STP] and efficient segregation all types of solid wastes with its disposal are practiced and periodically audited.

The Institute is full of Biodiversity -about 30 different floras are planted for beautification anddifferent types of birds and insects are observed. At most care is taken for Health and Safety Management For the entire stakeholders, the campus is like second home.

An initiative towards carbon neutrality is promoted by providing Electrical Stations in campuspromoting the use of Electric bikes to minimize pollution globally.

| File Description | Documents |
|---|---|
| Appropriate web in the Institutional website | [View File](#) |
| Any other relevant information | No File Uploaded |

7.3.2 - Plan of action for the next academic year

The institute plan of action for the next academic year 2022-23 includes the following:

1. Institute preparedness to National Education Policy 2020: Time bound perspective plan.

2. Compliances in regard with NAAC-Cycle 1 & Various Audits.

3. A complete roadmap to prepare for NAAC Cycle-2.

4. To strengthen the liaison among the stakeholders like, students, teachers, parents, and employers.

5. To strengthen alumni relationship and engagement.

6. To strengthen industry linkages and collaboration.

7. To set up centers of excellence in robotics, IoT, Data Mining.

8. To develop an appraisal system to appreciate students, teaching and non-teaching staff.

9. Outcome based focus on entrepreneurship development from the first year of engineering.

10. To develop the research culture among the students and teaching staff.

11. To submit major research proposals to various funding agencies for fetching research grants.

12. To conduct more number of seminars, conferences and workshops on recent trends of National and International importance.

13. To encourage students representation & participation in various committees.

14. To ensure more than 90% placement of eligible students in reputed organization with good packages. 15. To increase participation and conduct more number of extension activities.

15. To arrange outcome based staff development programs for teaching and nonteaching staffs.

16. To strengthen eco-friendly practices and conduct regular audits.

17. To revise the institutional best practices & distinctiveness.

18. To establish innovation ecosystem

19. To create awareness & increase the consultancy projects.

20. To understand the institute challenges & opportunities in view of accreditation, NEP 2020 & Digital University and prepare a roadmap & initiate actions to remain competent considering the new reforms in global educational ecosystem.