

6.2.1 The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, deployment of institutional Strategic/ perspective/development plan etc.

INDEX

Sr. No.	Details	Page No.
01	Policy Manual Version-I	1-17
02	Policy Manual Version-II	18-35
03	Perspective Plan	36-40

Dr. D.Y. Patil Pratishthan's

College of Engineering

Kalamba Ring Road, Salokhe nagar Kolhapur 416007



DYPCOESN

Quality Manual

(2021)

Version - 1

Date : 24th June 2021



Board of Management

Sr. No.	Name of Member	Position
1	Dr. Sanjay. D. Patil	President
2	Shri. Satej D. Patil	Chairman
3	Shri. Raturaj S. Patil	Trustee
4	Sou. Pratima Satej Patil	Trustee
5	Shri. Tejas S. Patil	Trustee



Executive Committee



Dr. V. P. Kallimani
Principal & Chairman Member



Dr. A. M. Mane
Campus Coordinator



Mr. Suyog Patil
Administrative Officer



Mr. Gourav Chougule
IQAC Head & Editor



Mr. Bharat Powar
Editor



Dr. Rashmi Jadhav
Dean Academics &
HOD (Civil)



Dr. Shivleela Arlimatti
Dean Research &
HOD (CSE)



Mr. Gaurav Desai
Dean Student Affairs



Mr. Sagar Porlekar
Dean Administration



Mr. Rahul Patil
Dean Examination



Mr. Sanjeev Deshpande
HOD (Electrical)



Mr. Rohan Shirsat
HOD (Mechanical)



Mr. Jagannath Ware
HOD (General Science)



Mr. Pritam Desai
Training & Placement
Officer



INTRODUCTION

The Quality Manual of the D.Y. Patil College of Engineering Salokhe Nagar, Kolhapur is the structure and design of the Institute Quality Management System (QMS), the interconnectedness of the processes that constitute the system, and the operational arrangements which support the quality assurance activities and academic standards at the Institute.

Quality manual is for the Academic Quality Improvement Programme of the Higher Learning activities. This Manual articulates commitment to quality and continuous improvement. It gives an outline of the key processes with references to policies and procedures that comprise institute quality manual, and provides a holistic and integrative view of the quality management of the institute's activities. The activities and practices that are described apply to the entire institute community.



Vision & Mission

Vision:

To strive and become centre of excellence in under graduate engineering education.

Mission:

- M1** – To nurture a culture of excellence in teaching & learning with active involvement of stakeholders.
- M2** – To provide quality technical education with focus on fundamentals and hence become a preferred educational institute in this region.
- M3** – To encourage students participation in academics, co curricular and extracurricular activities for their overall personality development and they emerge as innovators, leaders and entrepreneurs.
- M4** – To promote sustainable practices with ethical values



Green Campus

"The nature nurtures you, if you nurture the nature"

WHY?

To Reduce Global Warming And To Go For Sustainability.

"Because we have been spewing more than **40 Billion Tonnes of CO₂** annually into the atmosphere, and polluting it", which is causing a **Global Warming**.



Pancha Maha Bhootas

Pancha Maha Bhootas are the main reasons for a life on earth. Keeping them clean and hygiene is our fundamental responsibility. Due to man made mistakes, and non-eco friendly inventions, and practices, we are endangering the "PANCHA MAHA BHOOTA". This has an impact on the nature and living beings. Its high time to wake up and protect the god gift forever.

Global-warming

Due to the man made mistakes of pollutions with Pancha Bhootas, our earth is changing towards a warmer world. The climate change is resulting because of the continuous emission of greenhouse gases due to the industrialization, transport, energy, lifestyle etc. The effect of Global warming is the Climate change is resulting into an untimely rains, floods, and effect of change of seasons etc. The UN has listed one of the main agendas, "the sustainable goals". A research, practices and educations are necessary amongst the public in order to reduce the greenhouse gases (40 Billion+ tons CO₂ is emitted annually-NASA), which causes the global warming. *It is a high time for GREEN, Sustainable and Smart education, ideations, research and innovations in professions, Pedagogy (School to universities), services and practices, and homes.*

The Pancha maha bhootas and possible Engineering research and applications are:

- ✓ Earth or Prithvi: Healthy farming
- ✓ Water or Jal : Clean water
- ✓ Fire or Agni: Energy
- ✓ Air or Vayu : Clean Air
- ✓ Ether or Akasha : Clear Akash (Pollution free)

In our Institute Green campus, we have been researching, and practicing Green concepts, via education, curriculum, and technical project by students in green technologies. We have open labs utilized in practical studies, and utility in the campus. We implemented, paper less practices, Rain water harvesting (RWH), Waste (Nala) water management (WWM), Sensor controlled lighting system, 3R (Reduce, Reuse, Recycle) waste wood as signboards, afforestation. Hybrid energy (Wind and Solar) station, Compost generation, micro hydro, is some of the projects are in pipeline. To bring the awareness about the importance of "Go green", we have introduced, awareness programs to the public, international seminar on "Climate Change", breathing earth competition,



invited many International scientists and experts, who are working in Green Areas. We have formed a GREEN CLUB, and our students are actively involved in the above activities. We are moving towards a zero carbon and sustainable Green campus.



Dr. V.P. Kallimani

Principal



BEST PRACTICES

INTERNATIONAL

- International Guest talk series (IGS)
- International Seminars
- International Webinars

ACADEMICS

- Hybrid teaching (Online and Offline)
- Virtual Labs
- Teaching Innovations (Active learning, Mind maps)
- Academic training and workshops

STUDENTS

- Student development programs (SDP)
- ARMY 100 (Student capability building) program.
- SUMMIT (Final year Project competition)
- INVENTO (inventions from all competition)
- Leadership programs
- Cultural activities
- Training, workshops, Placements
- Green Club

RESEARCH

- Tejas Innovation Centre (TIC)
- KIC (Kolhapur Incubation centre)
- Incubation centre (Data Science, IOT, Green technology)
- Machine learning
- Knowledge management
- Languages
- Green Buildings
- Water



CAMPUS

- Swachh Bharat Abhiyan
- Green campus (with green technologies, RWH, 3R, Renewable energy)
- Afforestation

SOCIAL

- Village adaptation (cleaning, training..)
- Training to rural students
- Modern Techniques of farming

DYP SALOKHENAGAR - GREEN (TECHNOLOGY) campus (Pancha Mahabhootas concepts)

SENSOR controlled LED lighting



RWH Rain water Harvesting (Rooftop)



Waste Water Harvesting (WWH)



GARDEN n Ground using WWH



Waste Management (Recycled wood) "3Rs" (Reduce, Reuse and Recycle)



Founder's message



Padmshree Dr. D. Y. Patil
(Founder President)

I am very proud to share that our college under Dr. D. Y. Patil Pratishthan's is becoming one of the most eminent Higher Educational Institution today in the city and is renowned for standards of its Faculties, students. It is constantly pushing the frontiers of knowledge and ensures the futuristic approach that keeps pace with the changing trends of the professional world. It is a matter of pride and privilege for me to see all of you doing well as Teachers and students. Let me remind you that, academic success has always been cherished tenfold when coupled with achievements in the various other nonacademic arenas. I wish and hope that all of you continue with same zest and contribute nobly as future pillars of the nation.

I wish the students studying at D. Y. Patil College of Engineering all the very best in their future endeavors and grand success to the faculties in their efforts to impart excellent education. God Bless.



President's Message

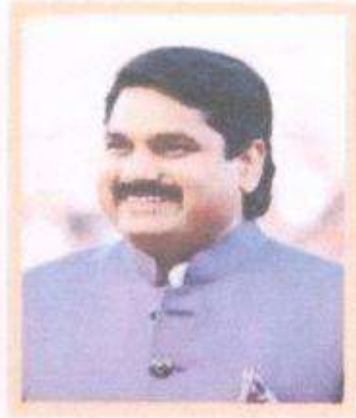


Dr. Sanjay D. Patil
(President)

The D. Y. Patil Pratishthan's College of Engineering foray into higher education is becoming a case study for academic success and astute decision making. Today it stands as a benchmark for others who aspire to emulate. Each of our campuses is a landmark in itself, having a culture of commitment, transparency, and teamwork. The College is committed to providing students with abundant and diverse opportunities to explore and express themselves not only in education but also in sports, arts, and culture. I believe nurturing the potential of the student, giving them exposure to the latest developments enables them to become competent and quality conscious engineers. The world-class infrastructure and environment in the college reflect the meticulous care taken in maintaining high academicians and most ultra-modern laboratories.



Chairman's Message



Shri. Satej D. Patil

Vice President and Chairman

(MLC & Minister of State for Home (Urban), Housing, Transport, Information Technology, Parliamentary Affairs & Ex. Servicemen Welfare, Govt. of Maharashtra & Guardian Minister of Kolhapur)

21st Century learning is not just about learning knowledge but how to construct it and apply it to life. I am glad to see my Engineering College students construct and apply all they learning the co and extra-curricular activities they participate in. I believe that my Students and Faculty are like the missiles, and can skyrocket their aspirations, materialize them and become global citizens. It is always a matter of pride to extend support to an enthusiastic team of students and faculty members who are focused to collaborate for the betterment of this college.

Wishing you all a grand success in all your future assignments. Great Going.



Trustee's Message



Shri. Raturaj S. Patil

MLA Kolhapur South & Trustee

I take this opportunity in welcoming you to an exciting, new educational experience on one of the city's growing educational campuses. I invite you to visit our Salokhe nagar campus and experience for yourself the energy and excitement of a college focused on student success. We are looking forward to bringing excellence at every stage of a student's career and are continuously evolving a full-fledged Institution providing one of the best opportunities for students seeking high-quality education.



Campus Coordinator Message



Dr. A. M. Mane
Campus Co-ordinator,
DYP Salokhenagar

Dr. D. Y. Patil Pratishthan's College of Engineering, Salokhenagar, Kolhapur was established in the year 2014 under the visionary leadership of Padmashree Dr. D. Y. Patil with a vision to promote excellent technical education & it is further nurtured by Hon. Dr. Sanjay D. Patil, President of Dr. D. Y. Patil Pratishthan and Vice President Satej alias Bunty D. Patil (Minister Of State home). We are committed to providing quality technical education, research and development work and patent-filling to various needs of Industries which include business, Service Sector, and the society. The college has various engineering branches which provide excellent quality education and realistic Engineering knowledge.



Principal Message



Dr. Vishweshwar Kallimani

Principal, DYPCOE Salokhenagar

Our aim is to prepare our young Engineers with Quality Education, Critical thinking,

innovative and Problem solving Dr. D. Y. Patil Pratishthan's College of Engineering, Salokhenagar, Kolhapur was established in the year 2014 under the visionary leadership of Padmashree Dr. D. Y. Patil with a vision to promote excellent technical education & it is further nurtured by Hon. Dr. Sanjay D. Patil, President of Dr. D. Y. Patil Pratishthan, and Vice President Satej alias Bunty D. Patil, Minister of State Minister of State for Home (Urban), Housing, Transport, Information Technology, Government of Maharashtra.

We are committed to providing quality technical education, research and development work and patent filling to various needs of Industries which include business, Service Sector, and the society. The college has various UG Engineering Programmes, B. Tech in CSc, Data Science, Electrical, Civil, Mechanical Engineering, and provides an excellent quality education and realistic Engineering knowledge.

Our emphasis is on Sustainability and Green Technology. We have implemented RWH, Renewable energy, Energy saving concepts, waste management. Our students will have an opportunity of designing green technologies, and further continue higher studies or get excellent jobs or become Entrepreneurs. Under ARMY 100, students will have a rigorous training in Technical and non-technical multi disciplines and be ready for the nation and industry as a responsible Engineer.



Our International exposure and connections are excellent, we have an International and National advisory board. We have organized many International Guest talks from eminent Professors, Experts and Scientists from Japan, Malaysia, Germany, Hong kong on smart cities, UN goals, IOTs, Data Science, Energy etc. Our industrial linkages provide a good exposure to our students via internship programs and also employability possibilities in the industries.

KIC (Kolhapur Incubation Center) has been operational in our campus since two years; students can become members and start their start-ups. All facilities will be given in the incubations center.

Our students develop their concepts and expertise by practicing innovative Engineering in learning, and practicing. They will be transformed into caring and responsible Engineers of the tomorrow.

“Education is the most powerful weapon which you can use to change the world” – Nelson Mandela.

“Teachers open the door, but you must enter by yourself” – Chinese Proverb

Date : 24th June 2021



ADDITIONAL POLICIES (Revision I- 2022)

Editor: - Mr. Suyog V. Tate – Patil

Under Guidance:- Dr. Suresh D. Mane (Principal - DYPCOE)

Policy No: F-1**Policy Name: Financial support to attend conferences / workshops /Swayam/NPTEL courses and towards membership fee of professional bodies****Reference:** AICTE Handbook 2022-23 /UGC

- To encourage faculty and students for attending the technical and non technical conferences /workshops/SWAYAM Courses/NPTEL Courses organized at institute and outside the institute.
- To train teaching and non teaching faculty members in their area of interest.
- Encourage faculty members to upgrade knowledge in their area of interest and also Course they teaching.
- To make awareness among faculty members and students about new technology in industries.
- To support students in their final year projects through industry workshops.
- To set the standards of knowledge management and faculty development within the institute.
- To transform their learning in their current job roles and also prepare them for future promotions.
- To provide required resources and financial support to faculty for attending and organizing workshops

Policy Statement and Guidelines:

- Every department needs to submit faculty wise plan to respective authority at the beginning of semester.
- 100% Annual Membership fee reimbursement of any Indian professional body in respective domain of the faculty member will be provided.
- Dean academics, Dean Research need to include workshop plan in academic calendar.
- Faculty members will submit workshop proposal to principal through HOD/Dean Academic/Dean Research to the Principal and Campus Director.
- Faculty must attend two workshops organized by eminent institutes per semester in their area of interest.
- Faculty knowledge up gradation, workshops and achievements will be considered one of the criteria for faculty recruitment and promotion.
- Overall management of workshop activities Check and finalized decision by HOD, Dean –A, Dean-R under direct supervision of Principal and Campus Director.

Resources

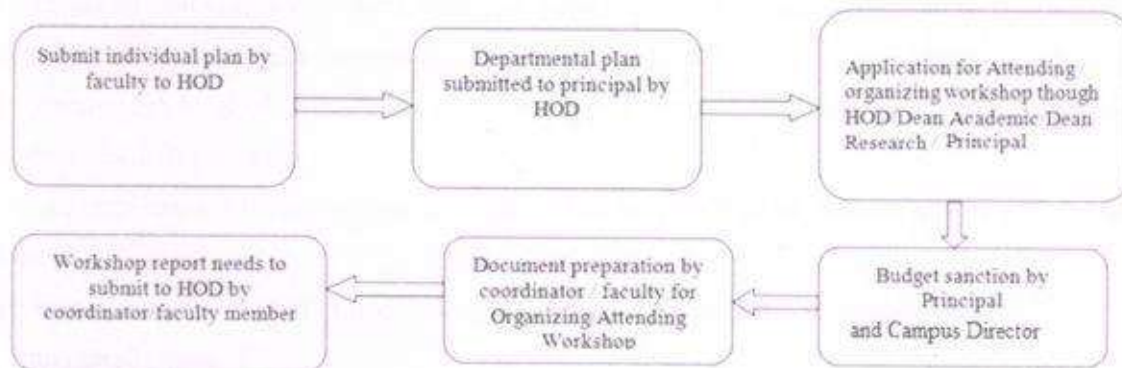
- SUK Academic Calendar, SUK Exam Rules & Regulations

ROLES AND RESPONSIBILITIES**ROLE**

Dr Suresh D. Mane
HOD
Dean Academic , Dean Research
Sharad Mangore

RESPONSIBILITY

In charge
Prepare Faculty workshop strategies
Overall Strategies
Accounts

Standard Operating Procedure:

- Department wise semester plan will be submitted by HOD.
- Faculties need to submit individual plan to HOD.
- Coordinator needs to prepare all prerequisites for organizing workshop.
- Faculty members need to register and complete workshop as per given plan.
- Submit application to principal for fund if required through HOD and respective dean
- The overall score will be calculated depends on faculty improvement in knowledge up gradation and overall self development.
- The score will be considered for the faculty appraisal and promotion.

Policy No: F2**Policy Name: Seed money for papers published per teacher in the Journals UGC Care list/Book Publication**

Reference: AICTE Handbook 2022-23/UGC/

Objectives:

- To create an enabling environment within in order to foster a research culture as well as provide a required support through research framework and guidelines.
- To ensure high level of efficient and effective support system to facilitate faculty and researchers in their research activities.
- Ensure publications in quality journals, indexed in Scopus/Web of Science and/or with impact factor.
- To nurture an environment of undertaking socially useful research with potential for commercialization.
- Establish Research Centres within with potential for Excellence.
- Develop interdisciplinary collaborations and partnerships nationally and globally.

Policy Statement and Guidelines:

- Faculty members of are expected to undertake research, leading to quality publications (Books with ISBN Number and Paper in UGC Care listed journals etc.), presentations in National/International conferences of repute, generation of Intellectual property with potential for commercialization, socially useful outcome and other similar research activity.
- Cash incentive of Rs.5000/- will be awarded for publishing technical books, English & Kannada literature books, with ISBN through reputed publishers at State/National level.
- The faculty satisfactorily completed their two-year probationary period are eligible for the said claim.
-
- Research output will be considered one of the criteria for faculty recruitment and promotion along with other academic responsibilities

- Faculty promotion may significantly depend on research undertaken. The quality of research output, especially research publications, may be assessed on the established yardsticks such as Impact Factor (IF) and which will be revised from time-to-time as appropriate.
- Overall management of research activities may be coordinated by Dean –R , under direct supervision of Principal. Research advisory body and administrative committee shall be responsible for overall functioning.
- Research project, finance, reports to be managed by the PI
- Quarterly report and accounts details (if funded) to submit to the Principal
- If presenting paper in a conference, in INDIA, 50% registration will be paid by the Institute.

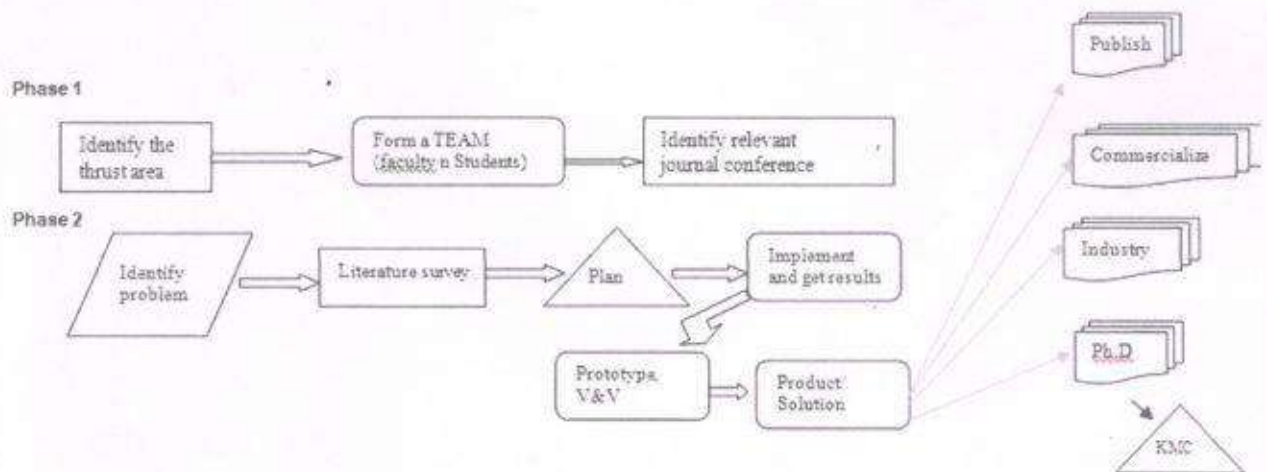
Resources

- SUK Academic Calendar, SUK Exam Rules & Regulations

ROLES AND RESPONSIBILITIES

ROLE	RESPONSIBILITY
Dr Suresh D. Mane	In charge
Dr. Shivani Kale	Research activities
Mr. Suyog Patil	Verification
Sharad Mangure	Accounts

Standard Operating Procedure:



- Principal investigator (PI) will come with idea
- Identify the Phase 1 (see fig), and form a team of same interests and title the team.
- Team can consist staff, students, experts, other organizations from India and Abroad

- Identify the problem in thrust area and start working on the problem with team.
- Students may be considering (FYP) for smaller problem segment.
- All funding management, accounts to be settled and maintained by the PI
- Monthly once meeting may be conducted with task and monitoring
- After the phase two, products/service may be used for Commercialization, industry etc as shown.
- If patenting to be done, 50-50% shared between PI and Institute
- Papers to be published in high impact factor Journals, and conferences.
- Institute provides seed funds, which can be used for materials, and conference expenses.

Policy No: F-3**Policy Name: Appointment of Adjunct Faculty/ Resource Persons from Industry;****Reference:** UGC/ AICTE/SUK.<https://www.aicte-india.org/sites/default/files/Approval%20Process%20Handbook%20-%20Revised.pdf><https://www.aicte-india.org/sites/default/files/approval/2023-24/Annexure-9.pdf>**Objectives:**

- The key objective of these guidelines is to develop a useful and viable collaboration between the Educational Institutions and Industry. The guidelines seek to enhance quality of Education and skills by the involvement of academicians, scholars, practitioners, policymakers in teaching, training, research, and related services on a regular basis and to attract distinguished individuals who have excelled in their field of specialization
- To develop a Adjunct teaching process (start-end)
- To do requirement analysis
- To appoint Adjunct staff
- Time allocation to complete syllabus
- Remunerations

Policy Statement and Guidelines:**QUALIFICATIONS AND EXPERIENCE:**

- An Adjunct Faculty/ Resource person shall be a Faculty retired from Technical Institution or a person of eminence, with or without a Post Graduate or Ph.D. qualifications having 10 to 15 years of experience from Industry/ Organization. There shall be no upper age limit for Adjunct Faculty/ Resource Person as long as he/ she add value to the Education and academic activities of the Institution. He/ She shall satisfy the following norms:
- Teaching and research Organizations of State/ Central government Institutions/ Universities
- Central and State Public Sector Undertakings (PSUs)
- Reputed Industries
- • Civil servants (IAS/ IPS/ Officials from Central and Provincial Services) and Professionals and Officials from professional Councils

- NRIs and PIOs working with reputed overseas academic, research and industrial Organizations or having a demonstrated interest in Indian issues.

Deliverables

- To deliver proper handouts, encourage students to write notes, make student centric learning. Submit course file (NAAC based)

TA/ DA AND HONORARIUM:

- The Adjunct Faculty shall work at the host Institution for a minimum of 02 days per visit.
- Out station faculty get TA/ DA, Honorarium, and other facilities provided to Adjunct Faculty
- Actual bills to be submitted for claim

Honorarium

- **An honorarium of Rs 1000, only (One thousand only) per hour for theory lecture and per month 25000 as per UGC and 80000 as per AICTE. Decision will be taken on board by management time- to - time.**
- The performance of every Adjunct Faculty shall be monitored at the end of the assignment based on the "Performance Report" submitted to the host Institution for continuation/ renewal of tenure.

Resources

- SUK Academic Calendar, SUK Exam Rules & Regulations

ROLES AND RESPONSIBILITIES

ROLE

Dr Suresh D. Mane
Mr. Suyog Patil

HODs

Suyog Patil

Sharad Mangure

RESPONSIBILITY

In charge
To monitor the Process n sign the docs.

To monitor the Process,(classes, attendance, hours of teaching, Student Feedback) and forward the claims by 15th of every month to the Principal

Verification

Accounts to verify and disperse the amount to the adj faculty.

Policy No: F- 4**Policy Name: Faculty Ph.D.****Reference:** UGC/Govt of India/AICTE

- [L.pdfhttps://www.meity.gov.in/projects](https://www.meity.gov.in/projects)
- <https://www.aicte-india.org/downloads/Norms.pdf>

Objectives:

- To promote the quality research by the faculty members and creating credible research
- To promote academic and research integrity as well as publication ethics.
- To promote high quality publications in reputed journals that would help in Achieving higher global ranks and overall improvement of the quality of research and education.
- To create and maintain a “UGC CARE Reference List of Quality Journals” and/or high quality publications in reputed journals.

Policy Statement and Guidelines:

- Faculty members of are expected to undertake research, leading to quality publications, presentations in National/International conferences of repute, generation of Intellectual property with potential for commercialization, socially useful outcome and other similar research activity.
- Research output will be considered one of the criteria for faculty recruitment and promotion along with other academic responsibilities
- Faculty promotion may significantly depend on research undertaken. The quality of research output, especially research publications, may be assessed on the established yardsticks such as Impact Factor (IF) and which will be revised from time-to-time as appropriate.
- Overall management of research activities may be coordinated by Dean –R , under direct supervision of Principal. Research advisory body and administrative committee shall be responsible for overall functioning of res, PI, Professors.
- Apply Research knowledge in teaching, Projects, incubation centers and campus.

Guidelines:

- Identify your passion and interesting area.
- Identify supervisor and quality University
- Do meaningful, and focus on real time problems and solving, and helpful for the nature, nation and society
- Start applying for Ph.D admissions/Entrance
- You **may** opt Fulltime or part time Ph.D.
- Prepare well for entrance /interview
- After admissions target your goal and finish your research on time (max 5 years)
- Publish in Top journals/UGC recommended journals

- Meet experts, thoroughly read basics of your area.
- Problem definition is crucial
- Research is your work; write in thesis what you do.
- References, theory, Images may be added in Appendix
- Wait for Supervisor's green signal for thesis submission
- Submit Thesis to university
- Appear for PhD exam.

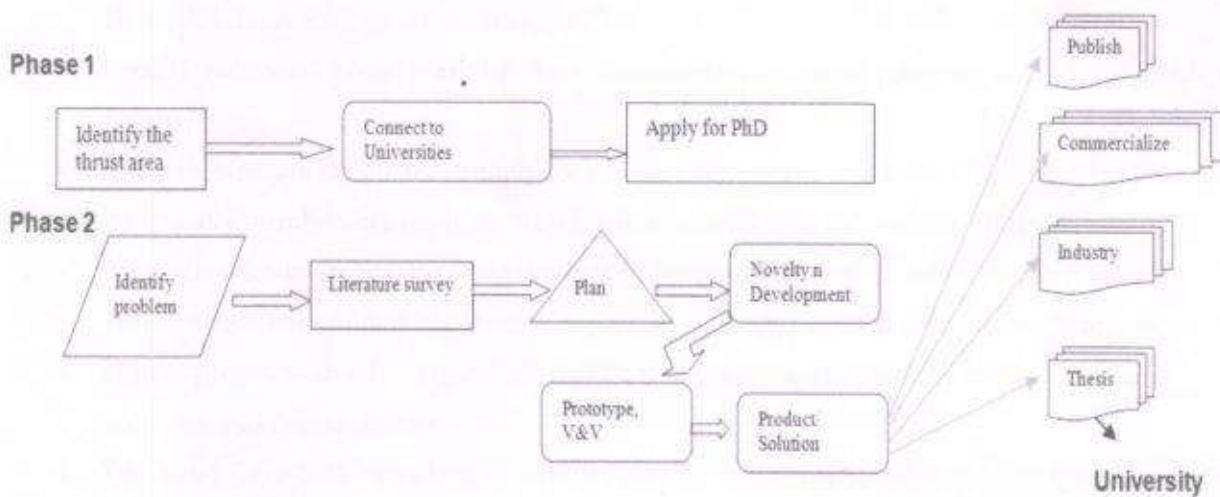
Resources

- SUK Academic Calendar, SUK Exam Rules & Regulations

ROLES AND RESPONSIBILITIES

ROLE	RESPONSIBILITY
Dr. Suresh D. Mane	Principal
Dr Shivani Kale	Dean research
Jagganath ware	Dean ACAD
Suyog Patil	Verification

Standard Operating Procedure:



Policy No: F-5**Policy Name: Grants received from Government and non-governmental agencies for research projects / endowments in the institution****Reference:** UGC/Govt of India/ AICTEhttps://www.ugc.gov.in/pdfnews/7589528_Block_Grant_13022017Guidelines_Final.pdf<https://swec.ac.in/documents/Scheme%20Document%20for%20Online%20FDP%202020-21.pdf>**Objectives:**

- To apply and get sanctioned funds by Government, DST,NGO, MHRD, UGC, AICTE.
- To ensure high level of efficient and effective support system to facilitate faculty and researchers in their research activities.
- To encourage faculties to carry out research projects.
- To keep separate funds for research at institute level.
- Establish R& D cell, Research Centres within with potential for Excellence.
- Develop interdisciplinary collaborations and partnerships nationally and globally.

Policy Statement and Guidelines:

- Faculty members of are expected to get sanctioned funded research Projects offered by MHRD, UGC, AICTE & various universities, NGO's.
- Faculty members should establish their departmental-industrial relations to fetch the funds for research.
- Every department should try to apply for the schemes offered under Skill Development Program
- All Faculty members are required to utilize institutional fund for research effectively.
- Quarterly account to be tallied and report with progress summary to submit to the Principal
- After completion of funds, the detailed report of the project and the account details to submit.
- If joint project with other organizations, the lead organization maintain the reporting and accounts, and finance matters.
- For Valid Case 50% remuneration will be paid by the Institute and subject to maximum 1 lakh per case.

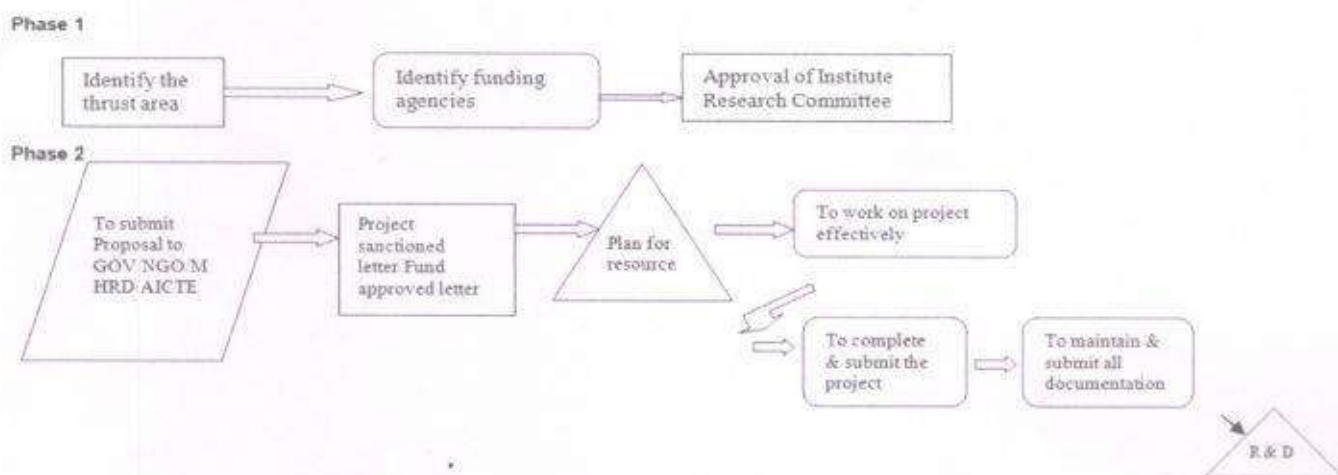
Resources

- SUK Academic Calendar, SUK Exam Rules & Regulations

ROLES AND RESPONSIBILITIES

ROLE	RESPONSIBILITY
Dr Suresh D.Mane	In charge
Dr. Shivani Kale	Dean Research
Jagannath Ware	Dean Academics
Suyog Patil	Verification
Sharad Mangure	Accounts

Standard Operating Procedure:



- Faculty & Head of the Department will come with an idea/thrust area.
- Principal Investigator/Faculty will identify relevant funding agencies.
- Faculty & Head of the Department will take prior approval of Research Dean, R & D Cell.
- Principal investigator will prepare & submit the proposal to DST, AICTE; Gov/NGO's to get funds.
- Principal Investigator will take continuous follow up regarding funds for research project & its sanction letter.
- Plan for the resources like human, technical instruments, laboratory etc to carry out the research.
- All funding management, accounts to be settled and maintained by the PI
- Students may be considering (FYP) for smaller problem segment.

- PI & supporting team will work effectively on project by considering deadline.
- Timely review/evaluation of progress will be taken by R & D cell.
- Project will be submitted by PI on or before deadline.
- Documents related to expenditure details, progress reports, results, conclusions are to be maintained.
- Documents, proofs, Process report is to be submitted to R & D cell.

Policy No: F-6

Policy Name: Financial Support to Faculty development Programmes (FDP), professional development /administrative training Programs

Reference: AICTE/UGC/

Objectives:

- To encourage faculty and students for attending the technical and non technical workshops organized at institute and outside the institute.
- Faculty member and students is supported financially for every an expenditure against patent filing as per KAPILA policy.
- To train teaching and non teaching faculty members in their area of interest.
- Encourage faculty members to upgrade knowledge in their area of interest and also Course they teaching.
- To make awareness among faculty members and students about new technology in industries.
- To support students in their final year projects through industry workshops.
- To set the standards of knowledge management and faculty development within the institute.
- To transform their learning in their current job roles and also prepare them for future promotions.
- To provide required resources and financial support to faculty for attending and organizing workshops

Policy Statement and Guidelines:

- Every department needs to submit faculty wise plan to respective authority at the beginning of semester.
- No DA will paid and faculty members will be granted duty leave. In case of local FDP/workshops/conferences only Rs. 500/- against registration fee will be paid with duty leave. For international conferences Rs. 1000/- will be paid.
- Dean academics, dean research and need to include workshop plan in academic calendar.
- Faculty members will submit workshop proposal to principal through HOD/Dean Academic/Dean Research/Dean Admin to the Principal.
- Faculty must attend two workshops organized by eminent institutes (IIT, NIT etc.) per semester in their area of interest.

- Faculty knowledge up gradation, workshops and achievements will be considered one of the criteria for faculty recruitment and promotion.
- Overall management of workshop activities may be coordinated by HOD, Dean -A, Dean-R under direct supervision of Principal and campus Director.

Resources

- SUK Academic Calendar, SUK Exam Rules & Regulations

ROLES AND RESPONSIBILITIES

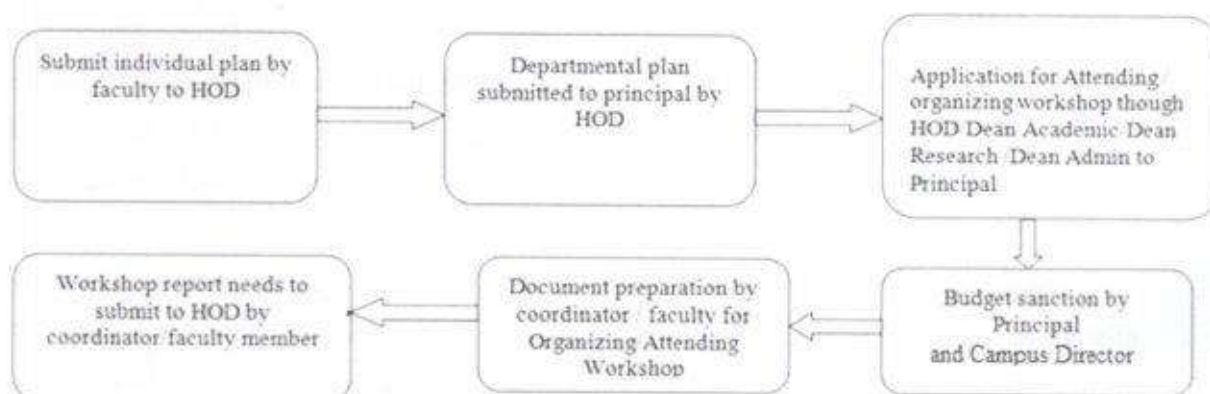
ROLE

Dr Suresh D. Mane
 HOD
 Dean Academic , Dean Research
 Suyog Patil
 Sharad Mangure

RESPONSIBILITY

In charge
 Prepare Faculty workshop strategies
 Overall Strategies
 Verification
 Accounts

Standard Operating Procedure:



- Department wise semester plan will be submitted by HOD.
- Faculties need to submit individual plan to HOD.
- Coordinator needs to prepare all prerequisites for organizing workshop.
- Faculty members need to register and complete workshop as per given plan.
- Submit application to principal for fund if required through HOD and respective dean
- The overall score will be calculated depends on faculty improvement in knowledge up gradation and overall self development.
- The score will be considered for the faculty appraisal and promotion.

Policy No: F-7

Policy Name: students benefited by scholarships by the Management

Reference: DYPP/2022/2456

Objectives:

- The management encourages the meritorious students by providing fee waivers.
- Best Service to the society is providing education to the needy people.
- Encourage faculty members to upgrade knowledge in their area of interest and also Course they teaching.
- The management is committed to provide **Sou. Shanatadevi Fees Scholarship** to such students through fee waiver schemes to provide an opportunity for them to learn in peace.

Policy Statement and Guidelines:

- Students have to write formal written application to principal and Campus Director regarding fee concession on their admission cut off rank Basis.
- Dean academics and Administrative officer need to verify the documents and officials.
- In Case of **Sou. Shantadevi scholarship** the Concession is valid for four academic year and students need not apply every year for getting concession in the fees.
- Other than this following procedure will be implemented :
 - Students have to write formal written application to Management regarding fee concession
 - Students have to submit the application and appear for interview with management along with documents of economic background and academic records
 - Where the management is satisfied with the application provided, concession may be granted
 - The application and/or interview process is aimed at determining a just and equitable fee which is within the family's ability to pay.
 - Once Fee concession is granted, the institute expects the students to pay the agreed fees in time before the due date. If there is any problem in meeting the deadline a letter of explanation should be sent to the Management.

- The Concession is valid for one academic year and needy students shall apply every year for getting concession in the fees.
- Maximum 5 % Students can be considered for fee concession. If Large number of students apply for Fee concession, student may be considered on merit basis.

Resources

- DYP Group Policy.

ROLES AND RESPONSIBILITIES

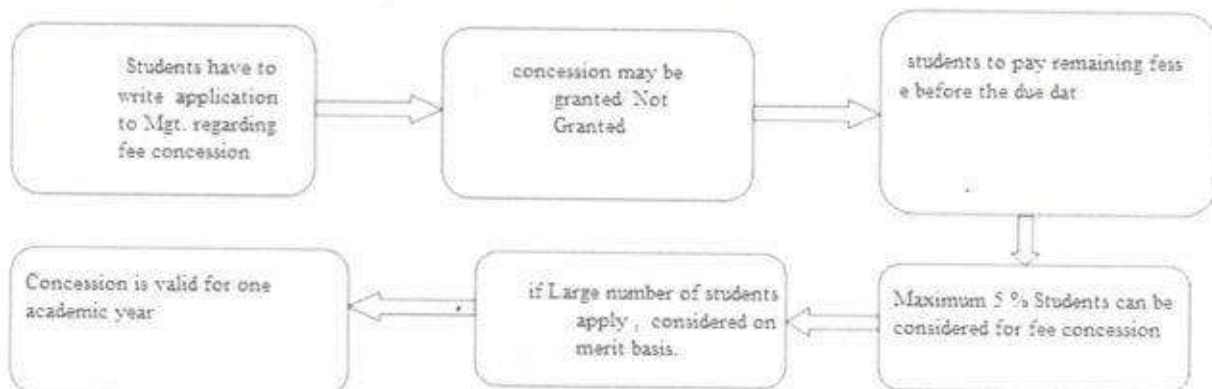
ROLE

Dr A.M.Mane
 Dr. Suresh D. Mane
 Administrative officer
 Sharad Mangure

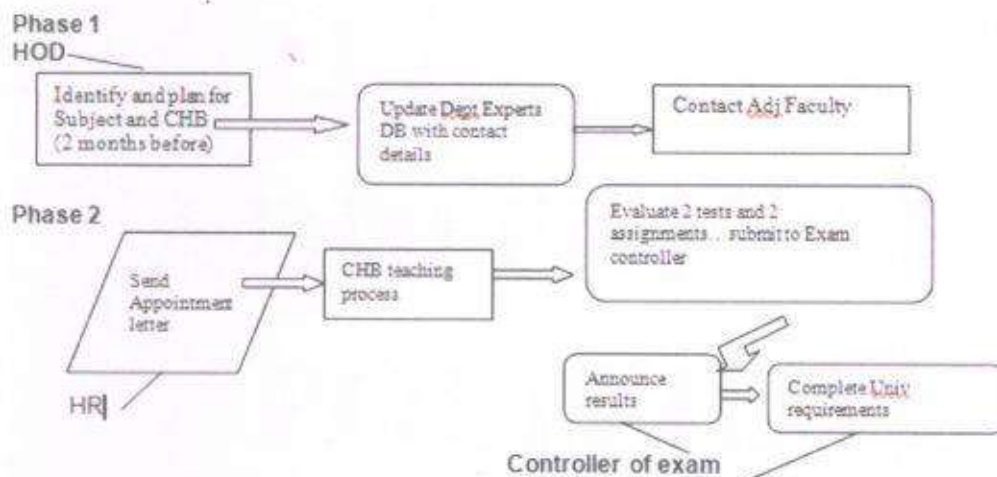
RESPONSIBILITY

Campus Director
 Principal
 Verification
 Accounts

Standard Operating Procedure:



Standard Operating Procedure:



- HODs analyse and propose to have no of Adj faculties for the subjects (10% of the total staff (11))
- 50% payment will be made at the mid semester, and remaining 50% will be made after the complete process and submission of the relevant documents.



PRINCIPAL
 Dr. D. Y. Patil Pratishthan's
 College of Engineering
 Salokhenagar, Kolhapur.

Perspective Plan

Sr.No	Key Area	Plan
1.	Infrastructure	<ul style="list-style-type: none"> • Upgrade New Computers lab facilities • Up gradation of Solar Light System • Enhancement of Internet and Wi-Fi connectivity • Purchase of new computers and printers and furniture for new labs.
2.	Modernization	<ul style="list-style-type: none"> • Modernize different laboratories in various departments. • Lab Augmentation work • Increase new reference books in Library.
3.	Research & Development	<ul style="list-style-type: none"> • Increase seed money grants for minor research projects. • Increase external research funding • Encouragement to faculties and students for Research and patents
4.	Human Resource and Development	<ul style="list-style-type: none"> • Encouragement to faculties for attending FDP's, STTP's Trainings and Workshops • Organizing faculty development programs
5	Societal Engagement	<ul style="list-style-type: none"> • Societal connections through various activities • Helping various Government and Non-Government Organizations • NSS camps for rural areas • Starting of Shantadevi D. Patil Merits Scholarship to meritorious students of each branch
6.	Industry Institute Interaction	<ul style="list-style-type: none"> • Improvement in Campus placement • Improvement in MoUs with various organizations and Institutions •
7.	Accreditation/ Certification	<ul style="list-style-type: none"> • Applying NAAC/ NBA accreditations for all eligible Certifications programs




PRINCIPAL
Dr. D. Y. Patil Pratishthan's
College of Engineering
Salokhenagar, Kolhapur

Perspective Plan

Sr.No	Key Area	Plan
1.	Infrastructure	<ul style="list-style-type: none"> Build Infrastructure for new labs. Installation and Upgrading CTV Surveillance System. Enhancement of Internet and Wi-Fi connectivity. To provide water treatment plant for campus use.
2.	Modernization	<ul style="list-style-type: none"> Modernization of laboratories. Lab Augmentation work. Increase new reference books in Library.
3.	Research & Development	<ul style="list-style-type: none"> Encouragement to faculties for attending conferences Financial support to attend conferences / workshops /Swayam/NPTEL courses and towards membership fee of professional bodies To create an enabling environment within in order to foster a research culture as well as provide a required support through research framework and guidelines
4.	Human Resource and Development	<ul style="list-style-type: none"> To train teaching and non teaching faculty members in their area of interest. To encourage faculty and students for attending the technical and non technical conferences /workshops/SWAYAM Courses/NPTEL Courses organized at institute and outside the institute.
5	Societal Engagement	<ul style="list-style-type: none"> Societal connections through various activities Helping various Government and Non-Government Organizations NSS camps for rural area/ Gram DanakYoina
6.	Industry Institute Interaction	<ul style="list-style-type: none"> Improvement in Campus placement Improvement in MoUs with various organizations and Institutions
7.	Accreditation/ Certification	<ul style="list-style-type: none"> Applying NAAC/ NBA accreditations for all eligible Certifications programs



Shree
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Dr. D. Y. Patil Pratishthan's
College of Engineering
Salokhenagar, Kolhapur.



Perspective Plan

Sr.No	Key Area	Plan
1.	Infrastructure	<ul style="list-style-type: none">To Purchase of new equipment for electrical labs.Purchase of new computers and printers and furniture for new labs.To upgrade administration wing.
2.	Modernization	<ul style="list-style-type: none">Modernization of laboratoriesLab Augmentation workIsolation of Carpentry and Smithy workshopIncrease new reference books in Library
3.	Research & Development	<ul style="list-style-type: none">To motivate faculty members for doing intensive research and to obtain Patents for their research findings.To get more Grants/Funds from various government agencies like AICTE, DST, CSIR etc. for organizing conferences, workshops, FDPs, research projects etc.
4.	Human Resource and Development	<ul style="list-style-type: none">Encouragement to faculties for attending FDP's, STTP's Trainings and WorkshopsTo encourage faculties to carry out research projects.
5.	Societal Engagement	<ul style="list-style-type: none">Societal connections through various activitiesHelping various Government and Non-Government OrganizationsNSS camps for rural areasHelping various NGO's
6.	Industry Institute Interaction	<ul style="list-style-type: none">Providing skill based training to the student.Make an effort to educate the students for entrepreneurship
7.	Accreditation/ Certification	<ul style="list-style-type: none">Applying NAAC/ NBA accreditations for all eligible Certifications programs




PRINCIPAL

Dr. D. Y. Patil Pratishthan's
College of Engineering
Salokhenagar, Kolhapur.



Perspective Plan

Sr.No	Key Area	Plan
1.	Infrastructure	<ul style="list-style-type: none">• Creating infrastructure to use modern teaching aid• Installation of CCTV Surveillance System.• Build Electrical laboratories.
2.	Modernization	<ul style="list-style-type: none">• Modernization of laboratories• Lab Augmentation work• Isolation of Carpentry and Smithy workshop• Increase new reference books in Library
3.	Research & Development	<ul style="list-style-type: none">• Inviting experts and eminent person on research committee for evaluating progress of research activities is in various departments.• Encouragement to faculties for attending conferences• Encouragement to faculties and students for Research and patents
4.	Human Resource and Development	<ul style="list-style-type: none">• Encouragement to faculties for attending FDP's, STTP's Trainings and Workshops• Motivate teaching faculty members to take consultancy projects .
5	Societal Engagement	<ul style="list-style-type: none">• Contributing to social change and promoting green initiatives.• Helping various Government and Non-Government Organizations• NSS camps for rural areas• Helping various NGO's
6.	Industry Institute Interaction	<ul style="list-style-type: none">• Industry interface through summer internship• Undertaking field project with participation from the industry
7.	Accreditation/ Certification	<ul style="list-style-type: none">• Applying NAAC/ NBA accreditations for all eligible Certifications programs




PRINCIPAL
Dr. D. Y. Patil Pratishthan's
College of Engineering
Salokhenagar, Kolhapur.

Academic Year 2018-19

Perspective Plan

Sr.No	Key Area	Plan
1.	Infrastructure	<ul style="list-style-type: none">• Build Indoor sports facilities• Installation of CCTV Surveillance System• Enhancement of Internet and Wi-Fi connectivity• Build HOD cabins
2.	Modernization	<ul style="list-style-type: none">• Modernization of laboratories• Lab Augmentation work• Isolation of Carpentry and Smithy workshop• Increase new reference books in Library
3.	Research & Development	<ul style="list-style-type: none">• Enriching R&D facilities• Encouragement to faculties for attending conferences• Encouragement to faculties and students for Research and patents
4.	Human Resource and Development	<ul style="list-style-type: none">• Encouragement to faculties for attending FDP's, STIP's Trainings and Workshops• Organizing faculty development programs
5	Societal Engagement	<ul style="list-style-type: none">• Societal connections through various activities• Helping various Government and Non-Government Organizations• NSS camps for rural areas• Helping various NGO's
6.	Industry Institute Interaction	<ul style="list-style-type: none">• Improvement in Campus placement• Improvement in MoUs with various organizations and Institutions
7.	Accreditation/ Certification	<ul style="list-style-type: none">• Preparation of NAAC/ NBA accreditations for all eligible Certifications programs



A handwritten signature in blue ink, appearing to be "Dr. D. Y. Patil".

PRINCIPAL

Dr. D. Y. Patil Pratishthan's
College of Engineering
Salokhe Nagar, Kolhapur.

INSTITUTIONAL DEVELOPMENT PLAN (IDP)

Dr D Y Patil Prathisthan's College of Engineering

1. Objectives of the IDP : To grow as a centre of excellence in technical education
2. Vision and mission of the College/Institute.

Vision :

To strive and become centre of excellence in under graduate engineering education and become a preferred institute of higher education

Mission :

M 1 To nurture a culture of excellence in teaching & learning with active involvement of stakeholders

M 2: To provide quality technical education with focus on fundamentals and hence become a preferred educational institute in this region

M3: To encourage students participation in academics, co curricular and extracurricular activities for their overall personality development and they emerge as innovators, leaders and entrepreneurs

M4: To promote sustainable practices with ethical values

3. Institutional Profile-

AISHE ID: C-50894

Sr. No.	College Details -	
1	Name of the College	Dr D Y Patil Prathisthan's College of Engineering
2	Cycle of Accreditation	
3	Date of establishment of the Institution	2014
4	Name of the Head of the Institution	Dr. Suresh D. Mane
	Designation	Principal
5	Does the college function from Own Campus	Yes
6	Address of the College	A Ward 865, Salokhenagar
	State/UT	Maharashtra
	City	Kolhapur
	Pin	416007
	Phone No	0231-2320914
	Mobile No	9448433574
	Registered Email	dype472.ec@unishivaji.ac.in
	Alternate Email	Mane.suresh.dypcoesn@gmail.com
	Mobile No	8660320524
7	Alternate Faculty Contact Details	Mr Suraj Patil
	Address	Plot no 239, New Vashi Naka, Kolhapur
	State/UT	Maharashtra
	City	Kolhapur
	Pin	416007
	Phone No	8149665392
	Mobile No	8149665392
	Email	surajpatil.production@gmail.com
	Alternate Email	surajpatil.production@gmail.com
8	Website	http://coes.dypgroup.edu.in
9	Type of Education	Coeducation
10	Nature of the college	UNAIDED
11	Type of Affiliation	Temporary
12	Is the institution recognized as an Autonomous	2(D)/12B NO

Boha

Jm



PRINCIPAL
Dr. D. Y. Patil Prathisthan's
College of Engineering

	College by the UGC?																											
13	Is the institution recognized as a 'College with Potential for Excellence (CPE)' by the UGC?	YES/NO	NO																									
14	Is the institution recognized as a 'College of Excellence' by the UGC?	YES/NO	NO																									
15	<table border="1"> <tr> <th>Program</th> <th>Affiliation Status</th> </tr> <tr> <td>B.Tech Computer Sc, B Tech in Computer Sc (Data Science), B.Tech in Civil Engg, B. Tech in Electrical Engg</td> <td>All Programs are Affiliated to Shivaji University Kolhapur</td> </tr> </table>			Program	Affiliation Status	B.Tech Computer Sc, B Tech in Computer Sc (Data Science), B.Tech in Civil Engg, B. Tech in Electrical Engg	All Programs are Affiliated to Shivaji University Kolhapur																					
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17	<table border="1"> <tr> <th colspan="5">Number of Non-Teaching Staff by employment status (permanent / temporary) and by gender</th> </tr> <tr> <th>TYPE</th> <th>Male</th> <th>Female</th> <th>Transgender</th> <th>Total</th> </tr> <tr> <td>Permanent</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Temporary</td> <td>29</td> <td>9</td> <td></td> <td>38</td> </tr> <tr> <td>TOTAL</td> <td>29</td> <td>9</td> <td></td> <td>38</td> </tr> </table>					Number of Non-Teaching Staff by employment status (permanent / temporary) and by gender					TYPE	Male	Female	Transgender	Total	Permanent					Temporary	29	9		38	TOTAL	29	9		38
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18	Number of Students on roll by Gender 739 Male 321 Female																													
19	<p>Does the institution have statutory cells / committees (nearly 13 to 18 committees are there): We have all statutory committees in place</p> <table border="1"> <tr> <th>Sr. No.</th> <th>Name of Committee</th> <th>Status</th> </tr> <tr> <td>1</td> <td>Sexual Harassment</td> <td>YES</td> </tr> <tr> <td>2</td> <td>Anti Ragging</td> <td>YES</td> </tr> <tr> <td>3</td> <td>Teacher - Student</td> <td>Yes</td> </tr> </table>					Sr. No.	Name of Committee	Status	1	Sexual Harassment	YES	2	Anti Ragging	YES	3	Teacher - Student	Yes													
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2	Anti Ragging	YES																												
3	Teacher - Student	Yes																												
20	Has the institution made statutory declaration on the institution website under Section 4 (1) (b) of the RTI Act 2005 as issued and amended from time to time.																													
21	Does the college have an academic MoU with any foreign institution NO																													
22	Date of uploading data on MHRD website for All India Survey on Higher Education (AISHE). Done Annually																													
23	<table border="1"> <tr> <th colspan="2">Facilities</th> </tr> <tr> <td>Lab</td> <td>YES</td> </tr> <tr> <td>Library</td> <td>YES</td> </tr> <tr> <td>Hostel</td> <td>NO</td> </tr> </table>					Facilities		Lab	YES	Library	YES	Hostel	NO																	
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25	<table border="1"> <tr> <th colspan="3">Student Teacher Ratio-</th> </tr> <tr> <th>Current Student to Teacher Ratio</th> <th>Proposed Student to Teacher Ratio in next 5 years</th> <th>Description</th> </tr> <tr> <td>1:20</td> <td>1:15</td> <td>In pursuit of onboarding quality teachers</td> </tr> </table>					Student Teacher Ratio-			Current Student to Teacher Ratio	Proposed Student to Teacher Ratio in next 5 years	Description	1:20	1:15	In pursuit of onboarding quality teachers																
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Current Student to Teacher Ratio	Proposed Student to Teacher Ratio in next 5 years	Description																												
1:20	1:15	In pursuit of onboarding quality teachers																												
26	Demand Ratio and Vacancy Percentage of Last Five Years																													

Year	Name of the Program	Intake	Applications Received for admission	Number of Student Admitted	Demand Ratio	Percentage of Vacancy
2017	B.Tech	240		284		0
2018		240		209		12
2019		240		215		10
2020		240		311		0
2021		300		400		0

27 **Gender Ratio**

Total Number of Male Students	Total Number of female Students	Gender Ratio	Percentage of Female Students	Steps for improvement
739	321	70:30	30 % girls	We have good number of girl students but shall improve the ratio

28 **Faculty position of last five years**

Year	Designation	Sanctioned Post	Filled Post	Percentage of Vacancy
2017	Asst Prof	52	52	0
2018	Asst Prof	52	52	0
2019	Asst Prof	52	52	0
2020	Asst Prof	52	52	0
2021	Asst Prof	54	54	0

29 **Accreditation And Ranking**

Type	Current Status	Current Grade/Ranking Band	Target in next 5 years	Steps for improvement
NAAC	Accredited/Non accredited/Not eligible	Non Accredited	Applying for NAAC First Cycle A & A in 2023	IQAC Formed Trainings for faculty members Conducted. CO Written. CO PO Mapping Done
NIRF	Participated/Not Participated	Not Participated		
NBA	Accredited/Non accredited	Not Accredited.	Applying for NBA in 2024	Dean appointed Committees Formed Trainings Conducted CO Written CO PO Mapping Done.

30 **MOUs and Collaborations**

Type	Number of MOUs	Number of Active MOUs	Industrial Collaborations	Target in next 5 years	Steps for improvement
Local	5	5	5	10	Signing up MoUs
State	5	5		10	
National	5	5		10	
International				5	

31 **Plan for Autonomy (Description in 1000 words)**

We are planning to apply for NAAC in 2023 and after getting A grade wish to apply for autonomy
 We have recruited Doctorates in Civil, CSE, Mechanical programs
 Faculty Student Ration is being improved by recruiting good faculties
 Training on accreditation is given to all faculty by NITTTR Chandigarh (Online FDP)

32 **Plan for Multidisciplinary Institutions (any one from bellow)**

Cluster College (Description in 1000 words)
 Merger with Multidisciplinary HEIs (Description in 1000 words)
 To be a Constituent College (Description in 1000 words)

Self Reliant Multidisciplinary College

We are planning for quality education with induction of quality experienced faculty members. Faculty members are trained on OBE and accreditation process. We shall be applying for NAAC in 2023 and NBA in 2024. Once we are accredited by NBA we shall apply for increase in intake. We shall start new programs.
In our campus we already have a Junior college and a CBSE school.
Its already a multi disciplinary campus

33 **Plan for embedding Internship/Apprenticeship in Under Graduate Program**

(Description in 500 words)

As per affiliating university as well as AICTE norms each student undergoes two weeks mandatory internship in the intervening period of 6&7 semester

Proper records for the same are maintained by each department

All eligible students are undergoing internship

34 **Scholarship/Financial Support**

Type	Number of Beneficiaries	Amount Disbursed	Target of growth in Scholarship/ Financial Support in next 5 years (Number of Beneficiaries)
Central Government			The existing scheme shall continue as already @ 90% of students avail scholarship benefits
State Government	850	3.5 Cr	Both from state as well as institution
University			
Scholarship/ Financial Support from college	50	15 Lakh	
Other agencies			
Total	900	3.65 Cr	

Strategies to improve Scholarship/ Financial Support from college and other agencies

Management of institution is giving scholarship to needy students. This is decided case to case basis and annually the fees concession is offered by the esteemed management.

35 **Faculty Achievements**

Particulars	Present Count (last 5 years)	Target Count (Next 5 years)
Number of Books published	1	2
Number of Chapters published	3	5
Number of Research Articles published in Journals listed in Scopus database	5	5
Number of Research Articles published in Journals listed in UGC CARE LIST	5	10
Number of Patents awarded	10	10
Number of Research Projects and Funding in last 5 years and name of agencies		
Consultancy		

Steps for improvement

(Description in 500 words)

Research Support Policy has been initiated. A sum of Rs 6 lakhs per annum is set aside in the budget to support the faculty members to conduct research and publish their findings.

Faculty members are being trained in IPR by conducting workshops under Lead college scheme of SUK (17-18 Oct 2022)

Many initiatives are taken for students and faculty members

Faculty members are updating their knowledge by attending FDP programs, SWAYAM courses and institution is reimbursing the examination fees.

Students are given 50% of GATE exam fees as reimbursement

Under SUK students are being deputed to other institutions for Youth festival and sports

Institution is financially supporting students for youth festivals and sports events

Faculty are being encouraged to take up Doctoral research

Over 12 faculty members have registered for PhD in 2022

We have tied up with IIT Bombay for Virtual labs to benefit students

Vidwan portal registration is being done by faculty

IRINS curation is under process

Students feedback on faculty is being taken

OBE is implemented

36 **Academic Bank of Credits-**

Name of the Program	Number of students admitted in First Year	Number of Students registered in Academic Bank of Credits

37 **BLENDED LEARNING FACILITIES**

A. LMS - YES/NO

If → YES

Number of Programs on LMS	Existing		Target in next 5 years		Steps for improvement
	Number of Faculty registered on LMS	Number of Students registered on LMS	Number of Faculty registered on LMS	Number of Students registered on LMS	

If → NO (Description in 500 words)

B. SWAYAM / Other MOOCs

Name of Courses on SWAYAM / Other MOOCs	Existing		Target in next 5 years		Steps for improvement
	Number of Students registered on SWAYAM / Other MOOCs	Number of Students appeared for examination under SWAYAM / Other MOOCs	Number of Students to be registered on SWAYAM / Other MOOCs	Number of Students to be appeared for examination under SWAYAM / Other MOOCs	
	Nil		50	50	Awareness program being
		5			

arranged at institution

C. e-Content development facility

Total number of e contents developed by faculties	Total number of e contents to be developed by faculties in next 5 years	Steps for improvement
100	500	All faculty members are encouraged to use ICT and we have provided LCD projectors for all departments

38 Environment Awareness Program

A. Rain Water Harvesting (upload file and description in 500 words)

Present Status	Target in next 5 years
Available	Shall be maintained and improved

B. Circular Economy (upload file and description in 500 words)

C. Village Adoption (upload file and description in 500 words)

Present Status	Target in next 5 years
Kandalgaon 2020-21	2

D. Green Audit/ Energy Audit (upload file and description in 500 words)

DYPSN is a neat , clean and green campus.

We conduct annual events such as tree plantation celebration of earth day, environment day

39 **Implementation of National Programs**(Description in 1000 words)

(List from DSW section)

Most of the national programs are being conducted by the institution involving teaching non teaching members and students of all departments

Swatch Bharat Abhiyan : Vishalgarh Fort Oct 2022-23, Pargad in 2020-21

Tree Plantation at Kalamba Lake 2019-20

40 **Achievements in Sports**

Level	Number of Students Participated in last 5 years	Number of Students received Medals in last 5 years	Medals Target in next 5 years	Steps for improvement
University	100	10	50	Physical Director is appointed , trained and guided to participate in all SUK
State	5	10	50	
National				
International				

41 **Achievements in NSS/NCC**

Level	Number of Students Participated in last 5 years	Number of Students received Medals in last 5 years	Medals Target in next 5 years	Steps for improvement
University	500			
State				

	National			
42	Achievements in Cultural Activities			
	Level	Number of Students Participated in last 5 years	Number of Students received Medals /Prizes /Ranks / Certificates in last 5 years	Medals /Prizes /Ranks /Certificates Target in next 5 years
	University	50	5	50
	State			
	National			
	International			
Dean Student Welfare is being appointed and encouraged to ensure better participation of students.				
Special efforts for Preservation/Conservation of Local /Regional Cultural Heritage - (Description in 500 words)				

43	Academic Achievements							
	Program	Distinction	First Class	Second Class	Pass Class	Fail	Total	Success Rate
	Civil	70	6	0	0	8	84	90.47%
	Mechanical	110	1	0	0	7	118	94.06%
	CSE	69	0	0	0	0	69	100%

44	Academic Audit	
	Current Grade	Future Plan for improvement
	Input (A) = 72% A Grade Process (B) = 72.33% A Grade Output (C) = 61% B Grade	Major/Minor Research Projects undertaken by faculty, No. of Students Completed M. Phil/Ph. D under the guidance of faculty Members in College., books published, and papers in national / international conference
		Target Grade for next Cycle
		Input (A) = 85% A+ Grade Process (B) = 85% A+ Grade Output (C) = 85% A+ Grade

45	Administrative Audit	
	Current Grade	Future Plan for improvement
	Nil	Target Grade for next Cycle A+ Grade

46	Incubation and Start-Ups			
	Incubation and Start-Ups → YES			
	Present number of Incubatees	Present number of successful Start-Ups	Target number of Incubatees in next 5 years	Target number of Successful Start-Ups in next 5 years
	0	0	10	10

Incubation and Start-Ups → if NO → (Description in 1000 words)

47	Best Practices-
	A. Best practices currently adopted (Description in 1000 words) Clean, Green and Eco-friendly campus. Water Conservation-Rain Water Harvesting, Sewage Water Purification Plant. Waste Management – E-waste management, organic waste converter room, hazardous and non-biodegradable waste management. Concession in Tuition Fee and Freeship in NHEI for children of NHCE staff. Uniforms for all class IV employees. Higher Studies Leave Benefit for staff.

Felicitation on completion of Ph.D.
 Teachers are recognized for their services on the occasions of Teachers' Day and Founders' Day.
 International Women's Day is celebrated promoting women empowerment.
 Increments in salary is provided when faculty members upgrade their qualification.
 Subsidised food and accommodation is provided for security and maintenance staff.
 Bonus is presented for all technical and non teaching staff for Dussera & Diwali festival.
 Staff members' birthdays are celebrated with chocolates, cakes, gifts and cards.
 Marriage gifts for employees and their children.
 Staff injured inside the campus will get the benefit of full medical expenses coverage along with leave facility.
 Insurance Coverage for technical and non-teaching staff.
 Medi-claim coverage for technical and non-teaching staff.
 Free transport facility to all staff members.
 'Refresh & Come Alive' a recreational program is organised regularly for staff members.
 Paper wastage is disposed off and the dry dead leaves are buried in the soil to protect the campus from getting polluted.
 The institute maintains and monitors a green campus which is clean and eco-friendly.
 Students enthusiastically take part in Tree Plantation Programs which are regularly organized.
 E-waste and Hazardous waste management is practiced. A well equipped Organic Waste Converter is installed.
 One sided sheets are used for reducing wastage.

B. New Best practices to be introduced in next 5 years (Description in 1000 words)

Energy Conservation – Solar Panels, Educative Posters.
 Concession in Tuition Fee and Freeship in NHEI for children of NHCE staff.
 Tie up with Hospitals to provide concessional medical facilities for staff members and students.
 Blood Donation Camps are organized regularly by the institute.
 Maternity Leave benefits as per NHCE policy.

48	SWOT Analysis														
	Sr. No.	Strengths	Weaknesses	Opportunities	Threats										
	1	Strong Curriculum	Greater number of behavioral problems in students	Development of leaders in engineering	Less score student enrolment										
	2	Caliber of students	Faculty retention	Interdisciplinary growth across departments	Saturation of engineering education market										
	3	Team work of faculty & staff	Some faculty not functioning as teams	Increased research funding	Unchecked student behavior										
	4	Quality of faculty	Research infrastructure	Expand and improve the effectiveness of marketing of the College	Reduced research funding										
5	Quality graduate program	Lack of long-term budget planning and a process that is transparent	Increase national and regional recognition	Lack of publicity in areas of excellence, value and quality											
49	<p>Alumni Association → YES</p> <p>Registered Alumni Association → YES/NO → if YES upload Certificate</p> <p>Separate Web portal for Alumni Activities → NO → if YES provide link</p> <p>Number of Alumni registered →</p> <table border="1" style="width: 100%;"> <tr> <td>Within Country</td> <td>Outside Country</td> </tr> <tr> <td> </td> <td> </td> </tr> </table> <p>Target to increase number of alumni in next 5 years → (Please provide count)</p> <p>Activities conducted through alumni association → (Description in 1000 words)</p> <p>Contribution of alumni →</p> <table border="1" style="width: 100%;"> <tr> <td style="text-align: center;">Contribution of alumni</td> <td style="text-align: center;">Current</td> <td style="text-align: center;">Target</td> </tr> <tr> <td>Number of Books donated</td> <td> </td> <td> </td> </tr> </table>					Within Country	Outside Country			Contribution of alumni	Current	Target	Number of Books donated		
Within Country	Outside Country														
Contribution of alumni	Current	Target													
Number of Books donated															

	Amount donated Number of Workshops/Lectures delivered Number of alumni feedback given								
50	<p>Placement cell → YES if YES →</p> <table border="1"> <thead> <tr> <th>Placement ratio</th> <th>Number of job fairs organized</th> <th>Pre Placement Workshops organized</th> <th>Target</th> </tr> </thead> <tbody> <tr> <td>154/271 (56.82%)</td> <td>15</td> <td>4</td> <td>10</td> </tr> </tbody> </table>	Placement ratio	Number of job fairs organized	Pre Placement Workshops organized	Target	154/271 (56.82%)	15	4	10
Placement ratio	Number of job fairs organized	Pre Placement Workshops organized	Target						
154/271 (56.82%)	15	4	10						
51	<p>Need Assessment for planning (Description in 1000 words)</p> <p>A. Local Needs : Quality Faculty B. Global Needs : Quality Education C. Curriculum : Affiliated Institution at present, Contributing in BOS for Data Science Program</p>								
52	<p>Seminar /Conferences/Symposiums</p> <p>Jawa Training, Gate Orientation programm, Soft skills seminar</p>								

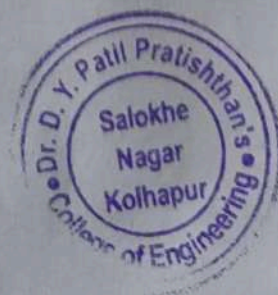
53	INFRASTRUCTURE / BUDGET PLAN (Rs.)			
	List of Activities	Existing till 2022-23 (Please specify Count)	Proposed Budget for 2023-24	
			Proposed (Please specify Count)	Estimation
A	Infrastructure			
	Classrooms	14	-	-
	Conference/Seminar Hall	1	-	-
	Laboratories	29	-	-
	Hostels	-	-	-
	Reading Rooms	1	-	-
	Toilets	12	-	-
	Renovation of existing infrastructure	-	-	-
B	Procurement			
	Computers & Other Peripherals	320	-	-
	Furniture	Bench, Table, Chair, Furniture	-	-

	Books	Number of Volumes 7500	808	494197/-
	Laboratory Equipments	174	-	-
	Sports Equipments	60	-	-
	Drinking Water Facility	3	-	-
	Learning And Training Resources	Library books, Internet	-	-
	Teaching Aids For Classrooms/Laboratories	Projector, PC's, Board	-	-
	Items For Differently Abled Persons	Wash Room, Rest Room, Computer and Internet, Reading Room, easy access to buildings	-	-
C	Human Resource Support			
	Engagement of Guest Faculty	6	-	-

List of Activities	Existing till 2022-23 (Please specify Count)	Proposed Budget for 2023-24	
		Proposed (Please specify Count)	Estimation
D	Activities/Measures		
Training For Faculty (Including pedagogical training, administrative, academic and non academic matters) and Non-teaching Staff	Training for How to write research paper, Research orientation, ERP system training		
Training For Students (Specify Type of Training)	Jawa, Gate Orientation, Soft skills		
Student Support Activities	Mentoring system to help at individual level, Self Learning, Career Guidance, Entrepreneurship Cell		
Environment, Health & Safety related activities/items	Cleaning, Tree Plantation, Fire Safety		
Quality and Equity enhancement measures			
Development of linguistic competency			
Skill Development Programs			
Others (Specify)			

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Guidelines for Developing Vision and Mission Statements:

A Vision represents an aspirational future state for Institute, offering a visionary perspective of what the Institute should evolve into. Conversely, the Mission deals with the practical aspects of the vision, addressing questions about the Institute's identity, purpose, and rationale for existence. A Vision serves as a symbol that unites stakeholders, primarily employees, around a shared sense of purpose, recognizing that people are more motivated when working for a meaningful cause rather than just pursuing a goal. Typically, a Vision is a long-term statement that remains relatively constant unless the department undergoes significant restructuring.

A Vision should serve as a firm anchor, a guiding principle that is prudent yet non-negotiable, except in rare circumstances. It should be clear, concise, and easy to understand, leaving room for individual interpretation. Importantly, it should articulate the destination without delving into the specific road map for achieving it. An effective Vision is both meaningful and achievable, avoiding vague or overly ambitious language. It should be capable of energizing people and providing motivation, even in challenging times. A strong Vision should be seen as both attainable and inspiring, stretching individuals and the organization beyond their comfort zones.

Mission should refrain from specifying the precise methods for realizing the vision, as these methods may change over time. A well-crafted Vision should have a 5 to 10-year horizon, striking a balance between being tactical and overly distant, ensuring that the organization's strategy for development

The entire process of developing a vision, mission, and objectives is highly iterative, commencing with the Vision and Mission statements, free from constraints, capabilities, or external factors. The Mission, in turn, follows the Vision, representing the practical actions required to fulfill the larger vision. Mission deals with the 'who, what, and why' of the Institute's existence, providing the roadmap to realizing the Vision. Additionally, objectives, whether focused on outcomes or processes, must align with the Vision and Mission, be directly related to national objectives.

With reference to above guidelines

Following steps were taken while redefining 'Vision Mission'

1. The meeting of all heads of departments and deans alongwith Internal Quality Assurance Cell (IQAC), Admin officer was conducted to discuss the points to redefine the Vision Mission.
2. On the basis of partial attainment of previous Vision defined in 2018-19 and New education Policy 2020 guidelines the changes were discussed in the meeting and draft was prepared.
3. Then the Vision and mission is checked by management and stakeholders – Chairman, Trustee and Executive director
Also it is checked by other stakeholders - parent representative, Industry representative and alumni.
4. After approval of management and other stakeholders the Vision and Mission was finalized.


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Deployment of Institutional Development Plan (IDP):

The institute has prepared IDP in 2022 as per SUK Shivaji University, Kolhapur format. The same has also been submitted to SUK. The key highlights of IDP 2022 are as under-

1. Applying for NAAC accreditation by 2023
2. Applying for NBA accreditation of 2-3 department by 2024 (Computer Science, Civil and Electrical Engineering)
3. Focussing on Improvement in qualification index of faculty members
4. Strengthening the training and placement activities
5. Infrastructure Development to meet the additional requirements towards accreditation

As per above plan

1. IQA for NAAC is submitted on 3rd June 2023 and now we are in process of preparing SSR which will be submitted on 23rd September 2023.
2. Simultaneously preparation for applying for NBA accreditation is in process in view of this a National conference is planned in January 2024.
3. Consultancy assignments are being increased and efforts are taken to have more funded projects.
4. In 2023 more Ph.D. faculties are appointed in each department to improve the quality of education and research. Also as many as 15 faculties have registered for Ph.D. for qualification improvement.
5. To improve the placements soft skills and Technical training apart from syllabus related to Industry is increased. In some cases, the customized training as per industry demand is also provided and same industry has appointed those trained students (FUEL training and Interior Design PMC training for Vertex Designs, Pune).
6. In 2023 number of smart classrooms are increased by Installing ICT Tools like Projectors.


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Ph.D Faculties 2022-23

Sr.No	Faculty Name	Department	Year of Appointed
1.	Dr. Shivani Kalle	CSE	2023
2.	Dr. Uttam Satpute	Electical	2023
3.	Dr. Shrikant Bhopale	Data Science	2023

Ph.D Register Faculties:-

Sr.No	Faculty Name	Department
1.	Suyog Patil	CSE
2.	Rohit Raut	CSE
3.	Rucha Gurav	CSE
4.	Vanashri Shinde	CSE
5.	Sneha Ghewari.	CSE
6.	Snehal Patil	CSE
7.	Rohit Barwade	CSE
8.	Ganesh Rathod	CSE
9.	Vidya Vanrutti	Electrical
10.	Sandeep Nale	Civil
11.	Monika Shinde	Civil
12.	Gaurav Desai	Civil
13.	Rucha Gaurwadkar	Civil
13.	Jaganath Ware	General Science
14.	Pravin Desai	Mechanical

Amulya

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