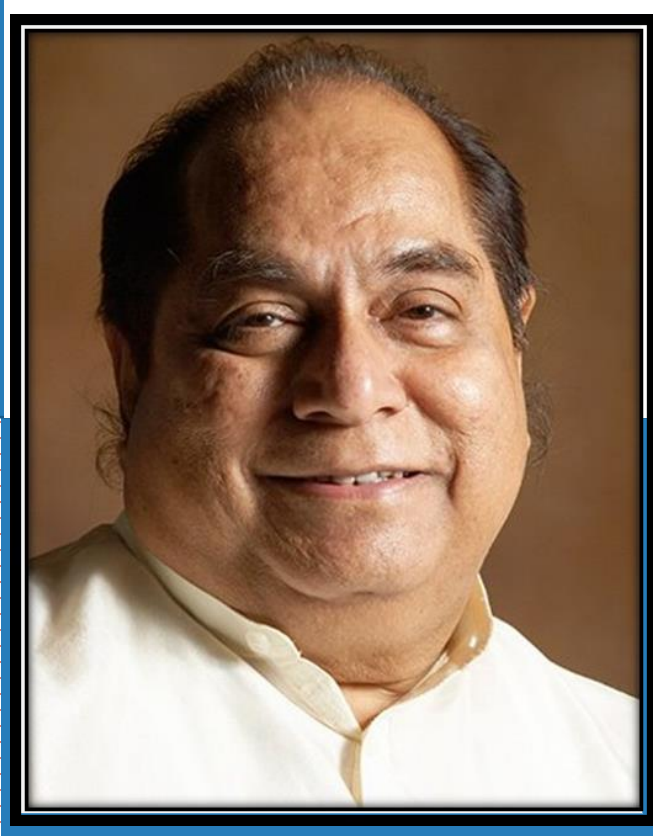# D Y PATIL
—POLYTECHNIC—
AMBI PUNE

Approved by AICTE New Delhi, DTE Maharashtra, and Affiliated to MSBTE Mumbai.

Computer | Civil | E&TC | Automobile | Mechanical

Our Leadership Team

Hon'ble Dr D Y Patil

Padma Shri

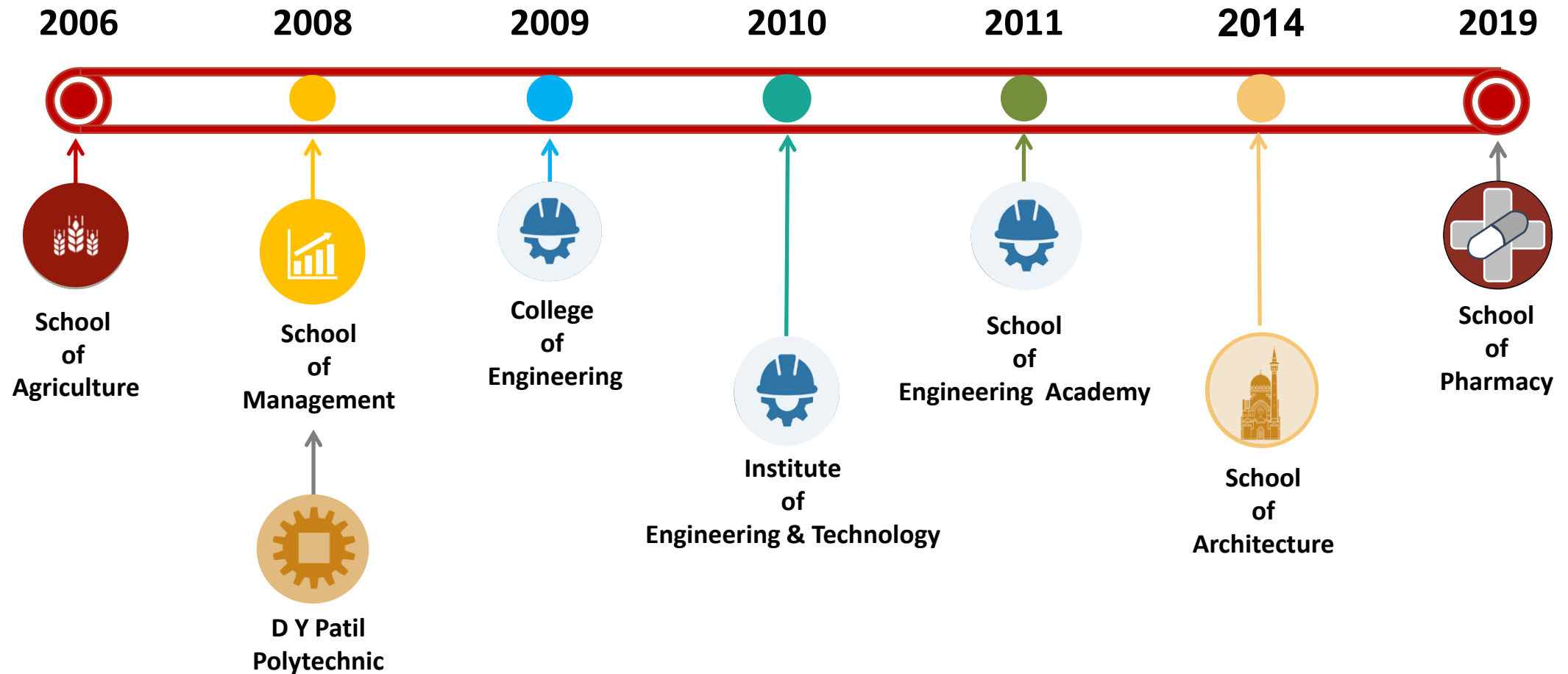**Dr. Vijay D. Patil**

President & Chancellor

Mrs. Shivani Patil

Managing Trustee

Dr. Sayalee Gankar

Vice-Chancellor

Legacy

| 2006 | 2008 | 2009 | 2010 | 2011 | 2014 | 2019 |

School of Agriculture

School of Management

College of Engineering

Institute of Engineering & Technology

School of Engineering Academy

School of Architecture

School of Pharmacy

D Y Patil Polytechnic

We Create Engineers for
INDUSTRY

Diploma education that creates leaders, innovators and entrepreneurs through need based curricula, enriched academic delivery and industry partnership.

Courses Offered

1. **Automobile Engineering**
2. **Computer Engineering**
3. **Civil Engineering**
4. **E&TC Engineering**
5. **Mechanical Engineering**

Approved by
AICTE New Delhi, DTE Maharashtra, and Affiliated to MSBTE Mumbai.

Our Academic Team

D Y Patil Polytechnic

Prof. Milind Kulkarni

Principal

Prof. Sandip Awachar

HOD (Mech)

Prof. Manohar Chavan

HOD (Automobile)

Prof. Bhakti Mukhedkar

HOD (E&TC)

Prof. Swati Ramteke

HOD (Comp)

Prof. Sachin Bandal

HOD (Humanities)

Prof. Onkar Patange

HOD (Civil)

Vision

- To provide a stream of quality and skilled diploma engineers as per the requirement of industry and stakeholders.

Mission

- To design the programme which contribute to explore the potential of young minds at early age and create a career path for the main stream.
- Diploma Engineering Programme are designed and focused on practical and skill oriented training.
- Provide students to industry with job related engineering knowledge, scientific skills, computing and analysis, mathematical techniques with better communication skills.

Programme Objectives

01 **Quality and Value Based Education**

Provide quality and value based education that transform students through academic rigor

02 **Science, Math, Technology and Research**

Develop the scientific, technology and research based approach

03 **Innovation and Entrepreneurship**

Learn innovation and entrepreneurship skills in new and emerging field

04 **Problem Solving**

Experiment, develop prototype and give solution to the community, industry and nation

4. INDUSTRY

Diploma Programme

01

Computer Engineering

Learn basics of computer engineering, computer graphics, data structure using 'C', Data base management system etc.

02

Civil Engineering

Learn about basics of Civil Engineering, Stress, Strain Calculations, Surveying, Levelling, Theodolite, Total Station, etc.

03

Mechanical Engineering

Learn basics of Mechanical Engineering, Strength of Materials, Thermal engineering, engineering metrology, etc.

04

Automobile Engineering

Learn basics of Automobile Engineering, automobile transmission systems, automobile engineering drawing, etc.

05

Electronics and TelecommunicationEngineering

Learn basics of E&TC, Digital Techniques, Applied Electronics, Electronics measurement systems and instrumentation etc.

Course Codes and Intake

D.Y.Patil Polytechnic,

MIDC Road, Talegaon-Dabhade, Pune-410506

Phone: 02114-306231 Cell. 9146301189 / 9146322893

Approved by AICTE New Delhi, DTE Maharashtra & Affiliated to MSBTE Mumbai

FIRST YEAR AND DIRECT SECOND YEAR ADMISSIONS

STREAM	SEATS	COURSE CODE
Automobile Engineering	60	644160210
Computer Engineering	60	644124510
Mechanical Engineering	120	644161210
Civil Engineering	120	644119110
E&TC	30	644137210

4. INDUSTRY

Eligibility

- **For first year diploma engineering SSC Passed with 35% marks (best of five)**

- **For direct second year admission HSC Science/Vocational passed with 35% marks (PCB/PCM/PCMB)**

- **MCVC passed in related vocational subject Or ITI/NCTVT/ passed with related trade with 60% marks.**

Admission Process:

CAP Seats: Admission process for Govt.Quota Seats is carried out as per the schedule declared by DTE. Students should refer the website of Director of Technical Education, Maharashtra State, **www.dtemaharashtra.gov.in**

Institute level seats: The detailed admission process will be displayed on the college notice board, and on college website **www.dyppambi.com**. We also give advertisement in leading newspapers. These seats are filled strictly on merit basis.

Fees: As decided by Shikshan Shulka Samiti, and Fee Regulating Authority (FRA). Was Rupees 47000/- per year for open, Rs. 25636/- for OBC/EBC, and Rs.4272/ for SC/ST/NT/SBC, for the academic year 2019-20.

Reservations: As per Govt rules (DTE & MSBTE).

Three Years at Campus

Major Project,
Core electives,
Industry Visits,
Expert Lectures,
Seminars, etc.

Identify, Analyse & Formulate
- Fundamental Core Engineering topics,
- Problems, design system micro projects, internships etc.

Lay the foundation in:
Mathematics,
Basic Sciences,
Engineering Sciences,
Humanities
Social sciences.

Third Year

Second Year

First Year
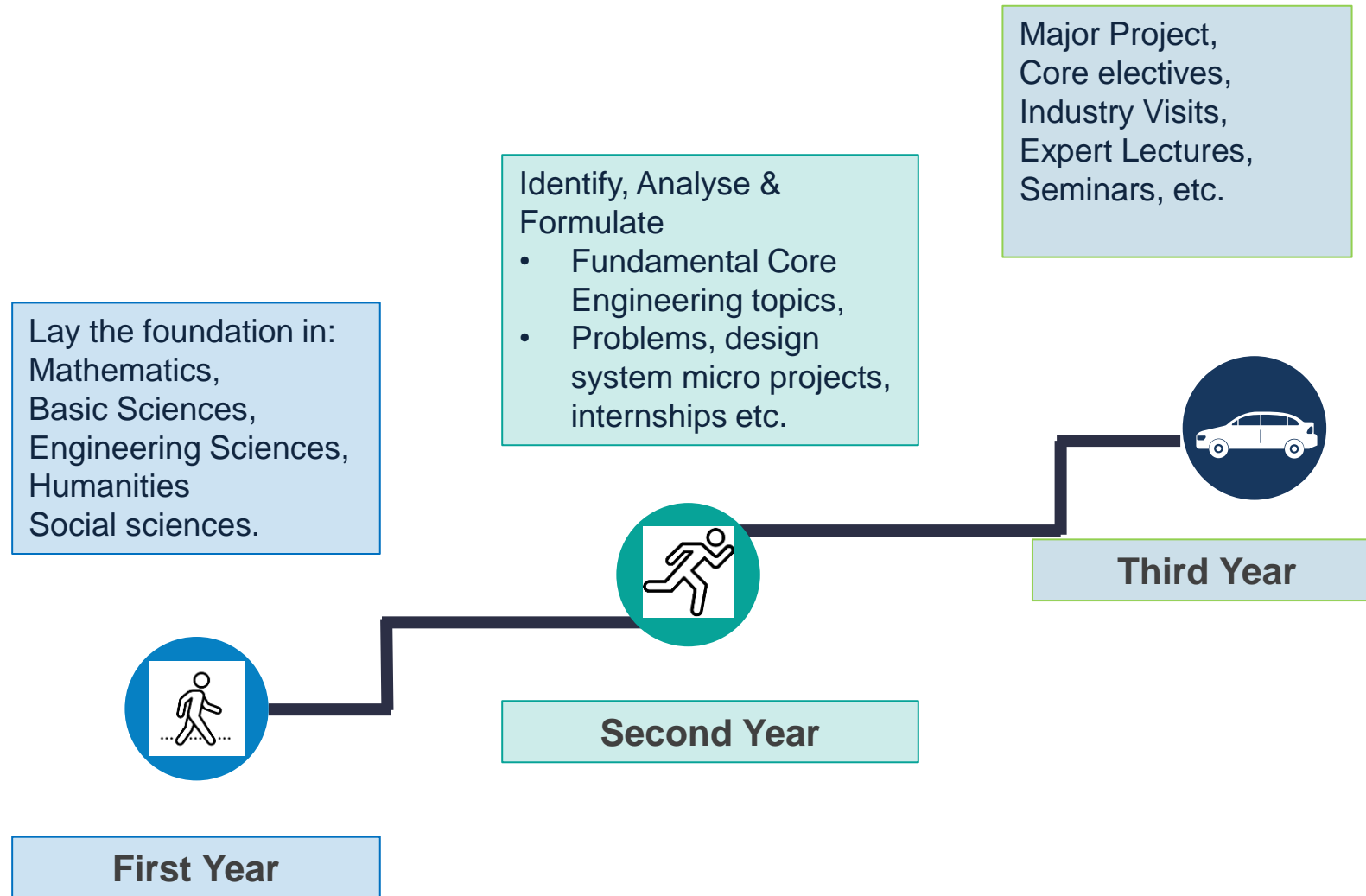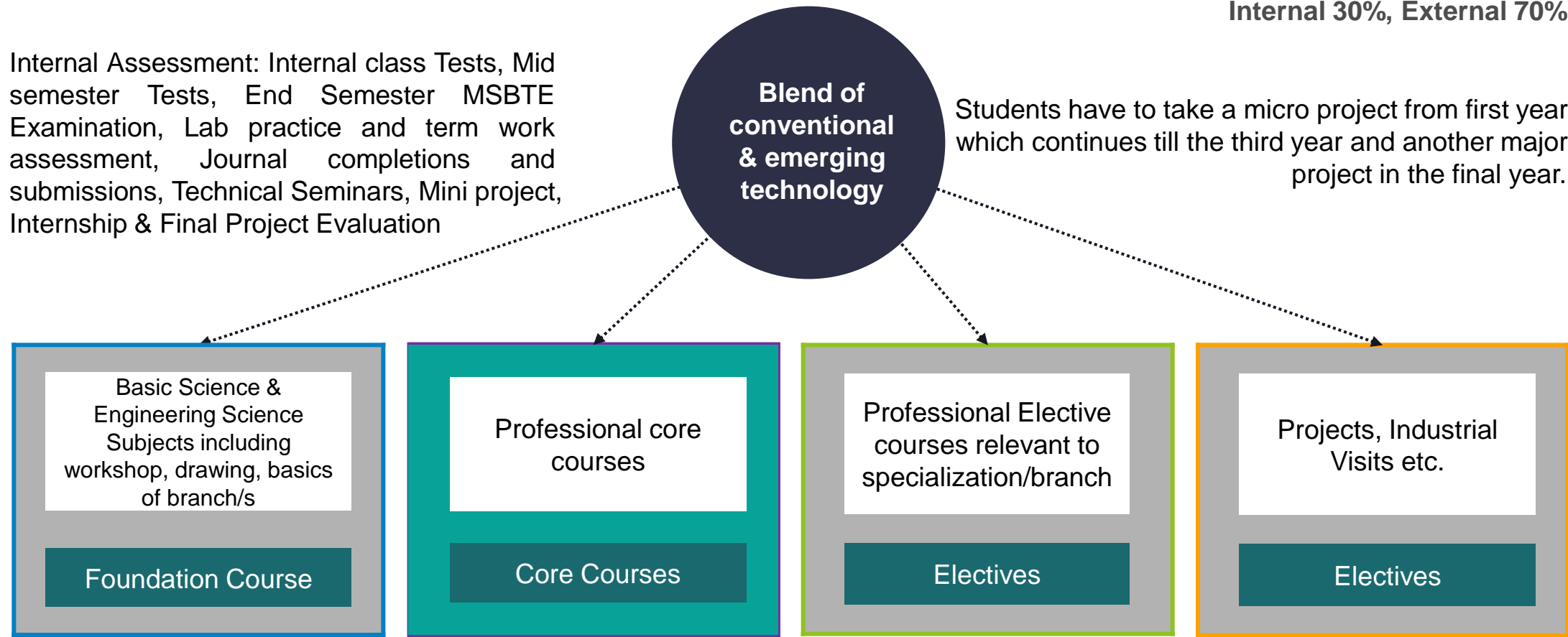
Programme Structure

Continuous Evaluation:

Internal Assessment: Internal class Tests, Mid semester Tests, End Semester MSBTE Examination, Lab practice and term work assessment, Journal completions and submissions, Technical Seminars, Mini project, Internship & Final Project Evaluation

Blend of conventional & emerging technology

**Assessment Pattern:
Internal 30%, External 70%**

Students have to take a micro project from first year which continues till the third year and another major project in the final year.

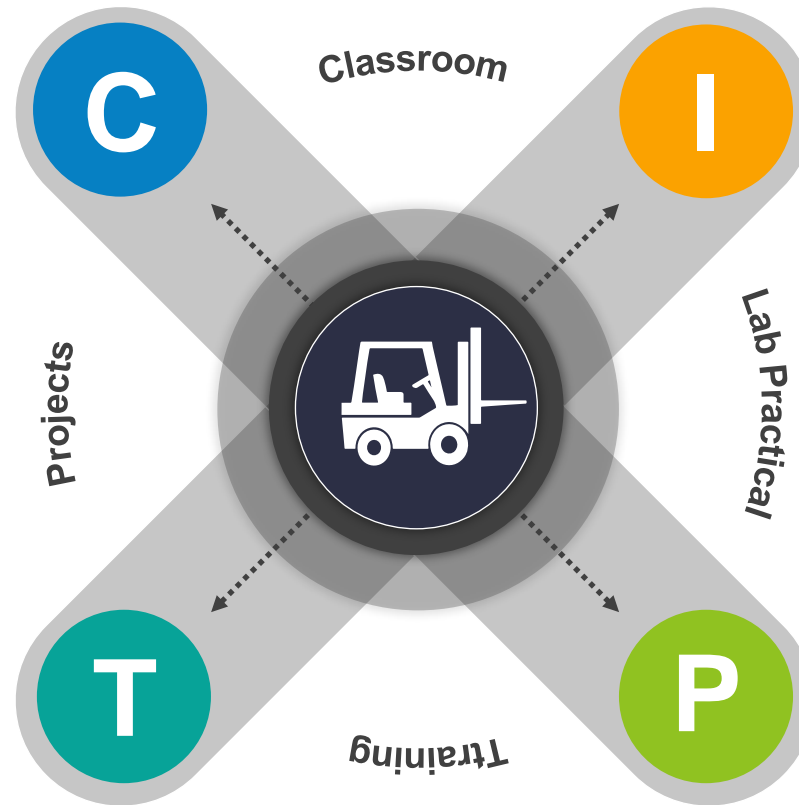| Basic Science & Engineering Science Subjects including workshop, drawing, basics of branch/s	Professional core courses	Professional Elective courses relevant to specialization/branch	Projects, Industrial Visits etc.
Foundation Course	Core Courses	Electives	Electives

Programme Delivery

Classroom Teaching

Classroom teaching with the use of interactive webinars & Videos to bring experience & contemporary trends through interactive sessions.

Internship

Compulsory internship of two months duration, during which students work on various industrial aspects, and prepare a report and deliver a seminar in the classroom.

Technical and Soft Skill Training

Technical & Soft Skill training programmes will be organized as value addition.

Practical and Group Assignment

Continuous assessment process, includes, Practical, Group assignments & Mini projects

Classroom

Projects

Lab Practical

Ttraining

C

I

T

P

Learning Process

Orientation Programme

Industry Module

Continuous Evaluation

Projects /Assignment

Six Semesters

Foundation Programme

Final Examination

Learning Process is well defined by MSBTE which ensures industry inputs, mini projects, internships and expert lectures.
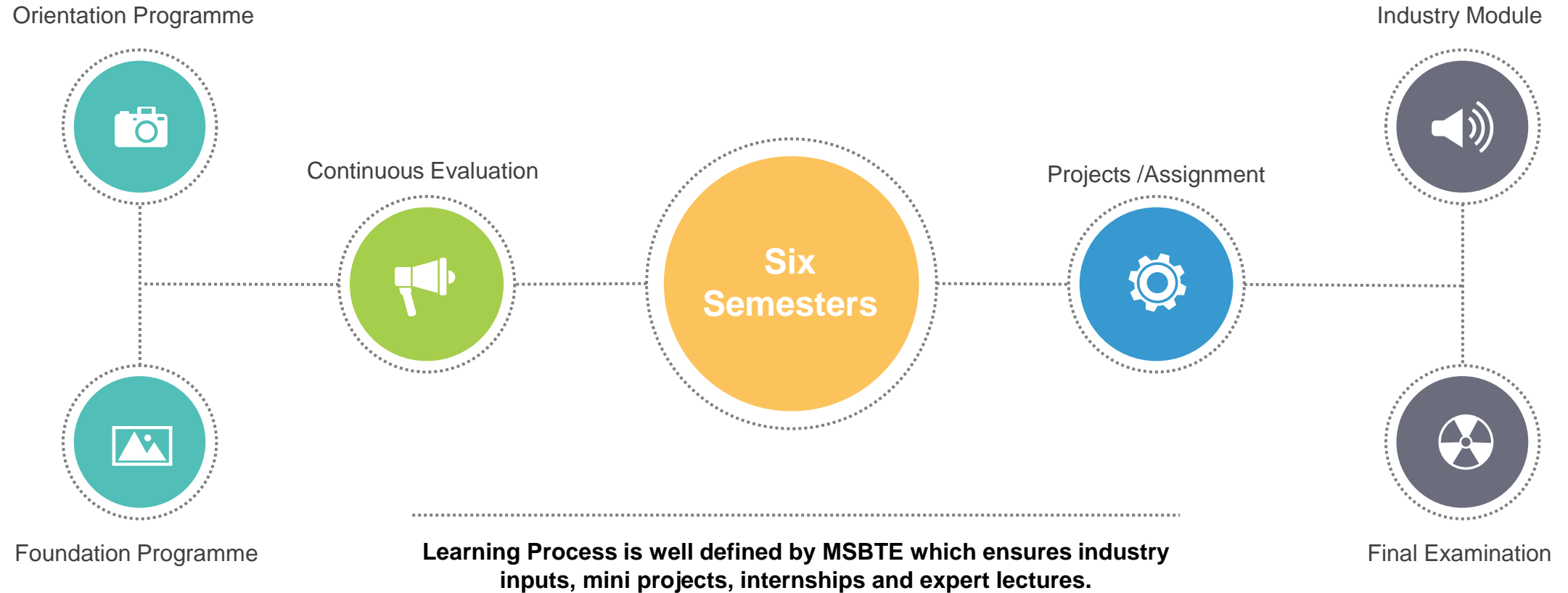
Internship and Projects

Internship

Internship opportunity is tapped for on the job training. Internship is a way of knowing an organizations strategy, work environment, and working in the specific department on a specific project which helps to build career path for students.

Mini Project

Students are encouraged to develop mini projects (prototypes) during their curriculum. They have to present it to the department and explain the concepts.

Capstone Project

Every student has to undertake a capstone project in the final year and complete it as per the syllabus structure.

Experiments ❯ Laboratory experiments are conducted by the students as prescribed by MSBTE and make calculations in the journals provided and submit it at the end of the semester.
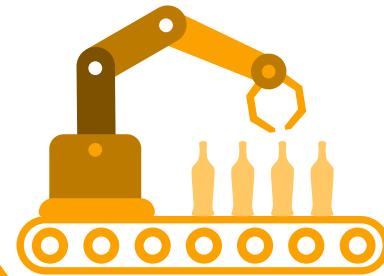
Process Development ❯ Students identify the ongoing industry project problems and work on providing solutions by preparing prototype.

Center for Industry Academic Partnership

Industry Partnership l Collaborations l MOU l

Proximity to Indian Corporates in Mumbai and Pune

Our campus has become the "Seat of Education and Knowledge". It is preferential education destination for students. Campus is equally distanced from Pune and Mumbai. Due to which academicians, industry practitioners and industry from India's Financial Capital Mumbai are partnered and providing training, internship and placement.

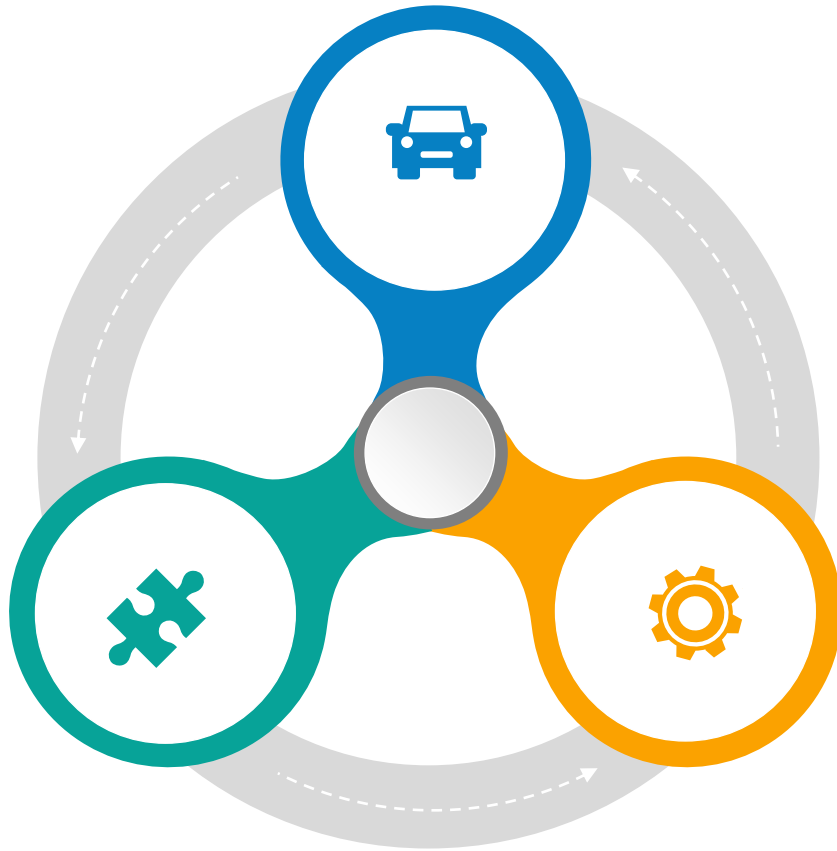| Mumbai	Pimpri Chinchwad Industry(PCMC)	PUNE
IT Industry- Hinjewadi	MIDC-Chakan	MIDC-Talegaon

Industry Focused Learning:

Programs are designed, developed and reviewed in consultation with academic experts and leading industry practitioners for ensuring relevant learning.

Practice, Experience and Experimentation

Industry projects, Joint programs, certifications, research, internships and placements are the outcome of partnership.

Laboratories

Advanced machines

Good test rigs

High end software, etc.

Labs

80% **60%** **50%** **40%**

01
Physics Lab
Chemistry Lab
BME Lab
BEE Lab
Workshop
Graphics Lab
Computer Centre

02
FM Lab
Turbomachines Lab
I. C. Engine Lab
OSA Lab
DSPS Lab
SOFT Lab
PROG Lab

03
A&DE Lab
EM Lab
EM & I Lab
PE Lab
HVE Lab
PS Lab
Surv Lab

04
TE Lab
CT Lab
EG Lab
D & M Lab
TV & P Lab
VLSI & EMB Lab
I & M Lab
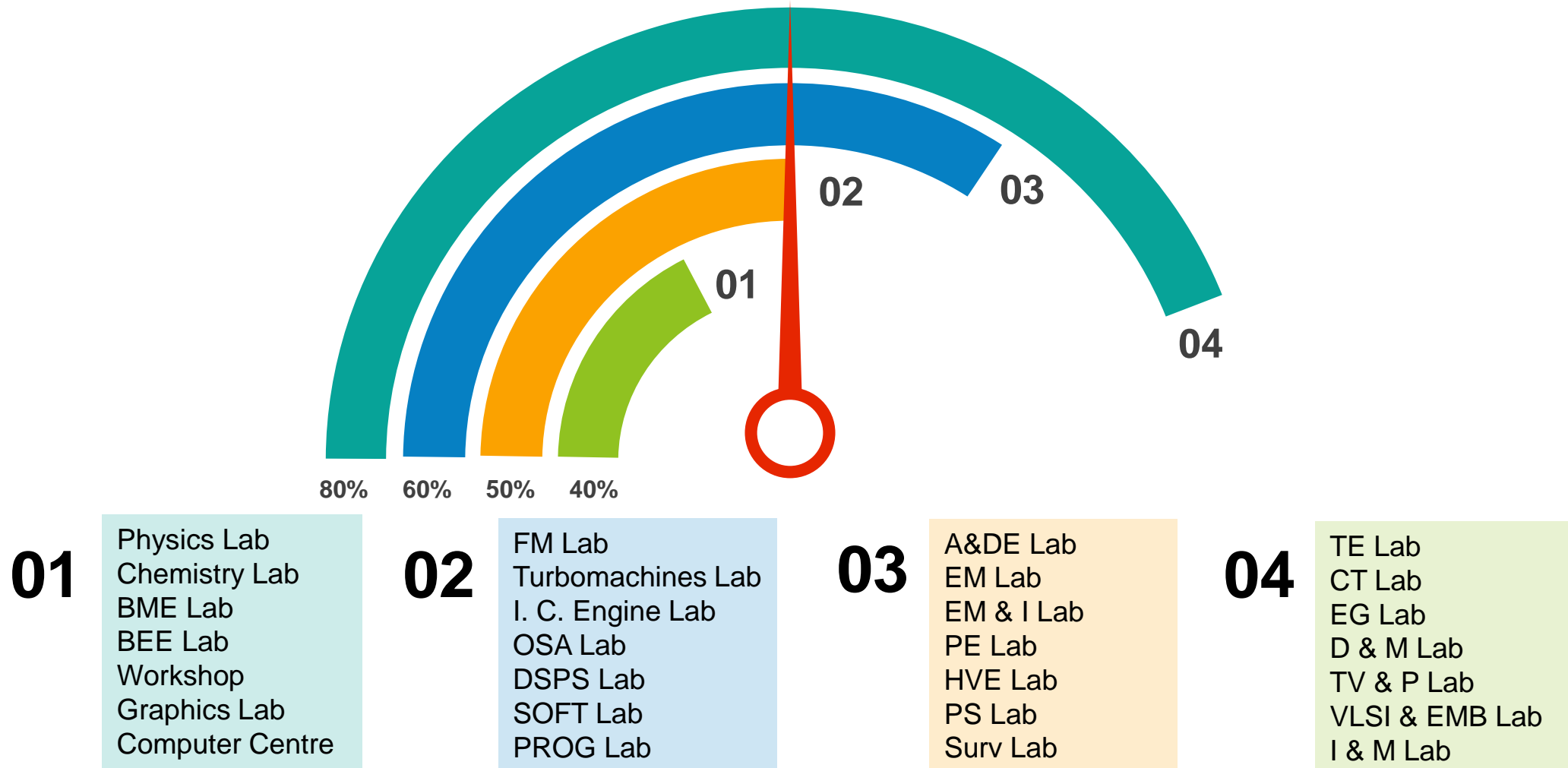
Industry Institute Partnership

Leadership Development

Techno-managerial skills to transform for tomorrows' industry

Academic Delivery

Outcome based programme delivery

Certifications* are offered in required areas for technical and professional expertise.

Students can also pursue certifications on online platform such as Mooc / Course era / Nptel

Industry Exposure: Internship and Summer Placement

DYPU Ambi Campus is providing opportunities in the industry located in the leading industry of IT Belt Hinjewadi, Chakan MIDC, Talegaon MIDC and PCMC & Mumbai due to the proximity.

CV and Aptitude Building

Career Service department help to write CV and prepare in aptitude test, soft skills, personal interviews and attitude development to get selected for the company

INDUSTRY

Campus Life

Industry Interaction

Photography Club

Sports Club

Get a modern PowerPoint Presentation that is beautifully designed.

Community Engagement

Cultural Events

Film and Music Club

Mentoring

Faculty 50%

Industry Practioners 50%

D Y PATIL
-POLYTECHNIC-
AMBI PUNE

For Admission Please contact
Mobile No – 8448444230
Technical Helpline No - 8104502268
Phone No –020-71533830
E- Mail: admissions@dypatiluniversitypune.edu.in
info@dypatiluniversitypune.edu.in

THANK YOU...