



D Y Patil Education Society's  
**D Y Patil Technical Campus**

Faculty of Engineering Faculty of Management  
 Talsande -416 112 Dist: Kolhapur

(Approved by AICTE, New Delhi, Recognized by Government of Maharashtra & Affiliated to Shivaji University, Kolhapur)

2.6.1

**Marks**

5.62
1.25
1.94
1.31
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**D Y PATIL TECHNICAL CAMPUS**  
 TALSANDE, KOLHAPUR  
**DEPARTMENT OF CIVIL ENGINEERING**

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**PSOs**

- 1. Utilize principles, methods, software & codes of practices to excel in the area of planning, analysis & design related to Civil Engineering systems.
- 2. Perform economic analyses & cost estimates related to design, construction, operations & maintenance of systems associated with civil engineering.

GPS Map Camera

**Chavare, Maharashtra, India**  
**V7G7+266, Chavare, Maharashtra 416112, India**  
**Lat 16.874433°**  
**Long 74.262841°**  
**06/08/23 12:40 PM GMT +05:30**



*Suresh W*  
**Director**  
 D.Y. Patil Technical Campus  
 Faculty of Engineering & Faculty of Management  
 Talsande, Tal. Hatkanangote, Dist. Kolhapur



**D Y PATIL TECHNICAL CAMPUS**  
TALSANDE, KOLHAPUR

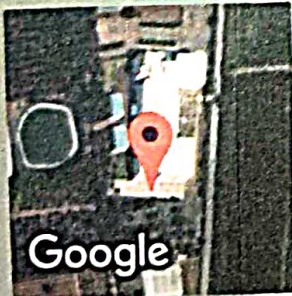
**DEPARTMENT OF ELECTRICAL ENGINEERING**

**Pos**

- 1) **Engineering knowledge** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization for the solution of complex engineering problems.
- Problem analysis** Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- 3) **Design/development of solutions** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for public health and safety, and cultural, societal, and environmental considerations.
- 4) **Conduct investigations of complex problems** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- 5) **Modern tool usage** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modeling to complex engineering activities, with an understanding of the limitations.
- 6) **The engineer and society** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- 7) **Environment and sustainability** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge, and need for sustainable development.
- 8) **Ethics** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- 9) **Individual and team work** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- 10) **Communication** Communicate effectively on complex engineering activities with the engineering community and with the society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- 11) **Project management and finance** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- 12) **Life-long learning** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

**PSOs**

- 1) Apply the fundamental knowledge of mathematics, science, electrical engineering to analyse and solve the complex problems in electrical, electronics and allied interdisciplinary areas.
- 2) Design, develop and implement electrical and electronics and allied interdisciplinary projects to meet the demands of industry and to provide solutions to the current real time problems.



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**PSOs**

1. To tackle real life problems & provide more affordable & economic solution.
2. Able to take up higher studies, research & development & entrepreneurship in modern computer environment.
3. Students should be able to face government & PSO's examination.



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**D Y PATIL TECHNICAL CAMPUS**  
**TALSANDE, KOLHAPUR**

**DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING**

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**Lat 16.87469°**

**Long 74.262932°**

**06/08/23 12:52 PM GMT +05:30**



### Mission

- To produce skilled Mechanical Engineers with ethical values.
- To mould students capable to work in interdisciplinary domain to meet the need of society.
- To impart sound technical knowledge with due respect to environment.

### Department of Mechanical Engineering

### POs

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### PSOs

13. Possess comprehensive knowledge of engineering materials and their mechanical and physical properties.
14. Possess adequate knowledge of manufacturing, metrology and quality control (Processes, Tools, equipment & accessories etc.) and skill to apply them appropriately.

Term work:  
Student can choose either

Mod
<b>A) Experiments:</b>
1. Law of polygon of
2. Jib crane
3. Bell crank lever
4. Support Reactions
5. Fleture's Trolley
<b>B) Graphics Statics:</b>
1. To find Resultant -
2. To find support reac
<b>C) Home Assignment</b>
At least one assignm
with minimum 5 numr

### Reference Books:

1. Engineering Mechanics by
2. Engineering Mechanics by
3. Vector Mechanics for Eng Hill Publication.
4. Engineering Mechanics by
5. Engineering Mechanics by
6. Engineering Mechanics by
7. Engineering Mechanics by
8. Applied Mechanics by S. I
9. Engineering Mechanics by Publications
10. Engineering Mechanics b
11. Fundamentals of Sankarabramanian, Vikas P
- 12) "Applied Mechanics- Dy

H.O.D.  
Tech Engg.

 GPS Map Camera



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Chavare, Maharashtra, India  
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**D Y PATIL TECHNICAL CAMPUS**  
TALSANDE, KOLHAPUR

**DEPARTMENT OF M.B.A**

### Pos

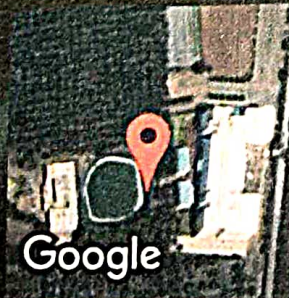
1. Recognize the functioning of business opportunities involvement of business enterprises and exploring the entrepreneurial opportunities.
2. Develop incubation center and entrepreneurship development center for students who intent to take up start up or grow existing business.
3. Develop skills on analyzing the business data application of relevant analysis and problem solving.
4. Demonstrate a global outlook with the ability to identify aspects of the global business and cross cultural understanding
5. Identify the contemporary social problems, exploring the opportunities for social entrepreneurship, designing business solutions and demonstrate ethical standards in organizational decision making.
6. Develop effective and oral communication especially in business applications, with the use of appropriate technology.
7. Collaborate and lead terms across organizational boundaries and demonstrate leadership qualities, maximize the uses of diverse skill of term members in the related context

### PSOs

1. To work successfully as a Management Graduate with requisite skill set for marketing, finance and human resource domain as acquired for from the respective specialized domain.
2. Empowers students to demonstrate the ability to innovate, the ability to execute the most daunting of challenges in the most trying of circumstances
3. Providing a Strong analytical foundation in key functional areas and the other, enabling a high degree of academic flexibility, thereby allowing students to customize their MBA experience.
4. Help students to explore practical application of the management co



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**Talsande, Maharashtra, India**

V7F6+WXH, Talsande, Chavare, Maharashtra 416112, India

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06/08/23 12:58 PM GMT +05:30



*Satish*  
Director

D.Y. Patil Technical Campus  
Faculty of Engineering & Faculty of Management  
Talsande, Tal. Hatkanangale, Dist. Kolhapur