## Mechanical Engineering Department
## Ready Engineer Program Report 2024-25

## Introduction

- Tata Technologies, a leading global provider of engineering services and manufacturing enterprise IT, we have signed a permanent **Memorandum of Understanding (MoU)** in 2017 with our Institute to offer its flagship '**Ready Engineer Program**' for our students.

- To address the skill gap in Design and Development, Communication, Teamwork and Leadership by Tata Technologies Ltd

- The program imparts application-based training by industry experts, in the Design Engineering domain and Computer-aided Design (CAD) tools, hosted on Tata Technologies' learning tool i GET IT®.

## Objectives

- To bridge the engineering industry talent gap by educating and mentoring aspiring young engineers for Automotive Industries

- To be a catalyst in reducing the academia-industry gap and ensure that the future engineers are ready for the industry.

- To enhance the student skills requirement for Mechanical Engineer in Automotive and other industries
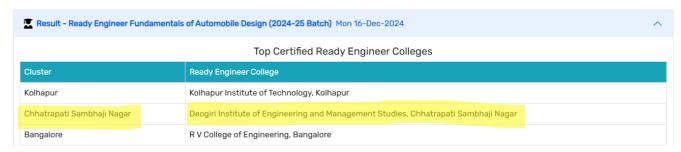
## Program Structure

| Fundamentals of Automobile Desi gn (iGETIT) (in TY I<sup>st</sup> Semester) | Advanced of Automobile Design (iGETIT) (in TY II<sup>nd</sup> Semester) | Soft Skill | Employabil ity Assessment |
|---|---|---|---|
| CATIA 3D Experience – Sketching, Part Design, Advanced Part Design, Wireframe and Surface, Intermediate Surfacing, Assembly Design and Drafting | CATIA 3D Experience – Sketching, Part Design, Advanced Part Design, Wireframe and Surface, Intermediate Surfacing, Assembly Design and Drafting | Learning Matters- Konnect Inductio n Program | Co-cubes and Aspiring Minds |
| MODULE 1 Styling | MODULE 1 - Body-In-White | Intervie w | |
| MODULE 2 - Design and Development | MODULE 1 - Body-In-White | Group Discussi on | |
| MODULE 3 - Computer Aided Engineering | MODULE 1 - Body-In-White | Personal Intervie w | |
| MODULE 4 - Formability | MODULE 2 - Plastics & Trims | Team Leader | |
| MODULE 5 - Die Design | MODULE 2 - Plastics & Trims | Business Skills | |
| MODULE 6 - Fixture Design | MODULE 2 - Plastics & Trims | etc. | |

## Number of Participants

| Sr. No. | Academic Year | Class | No. of Participants | No. of Certified Students | No. of Ranker s | No. of NPT EL Scholarship Received |
|---|---|---|---|---|---|---|
| 1 | 2018-19 | SY, TY | 130 | 28 | 0 | 20 |
| 2 | 2019-20 | TY | 36 | 4 | 1 | 12 |
| 3 | 2020-21 | TY | 149 | 29 | 1 | 25 |
| 4 | 2021-22 | TY | 48 | 11 | 0 | 0 |
| 5 | 2022-23 | TY | 148 | Top Certified | 6th | NA |
| 6 | 2023-24 | TY | 140 | 45 | 0 | NA |
| 7 | 2024-25 | TY | 130 | Top Certified | 2<sup>nd</sup> | NA |

**Secured 2ⁿᵈ Rank among all Engineering colleges in India (2024-25 Batch)**

## Announcements

**Result – Ready Engineer Fundamentals of Automobile Design (2024-25 Batch)** Mon 16-Dec-2024

Top Certified Ready Engineer Colleges

| Cluster | Ready Engineer College |
| --- | --- |
| Kolhapur | Kolhapur Institute of Technology, Kolhapur |
| Chhatrapati Sambhaji Nagar | Deogiri Institute of Engineering and Management Studies, Chhatrapati Sambhaji Nagar |
| Bangalore | R V College of Engineering, Bangalore |

**Two Students are in Top Rankers among all Engineering colleges in India (2024-25 Batch)**

Top Rankers:

| Name | College |
| --- | --- |
| Pradeep Motar | Kolhapur Institute of Technology, Kolhapur |
| Avinash Thakare | Deogiri Institute of Engineering and Management Studies, Chhatrapati Sambhaji Nagar |
| Krishna Ranyewale | Deogiri Institute of Engineering and Management Studies, Chhatrapati Sambhaji Nagar |
| Tanisha Wadne | Walchand Institute of Technology, Solapur |
| Neha Powar | D. Y. Patil College of Engineering and Technology, Kolhapur |
| Dnyaneshwari Patil | Vishwakarma Institute of Technology, Pune |
| Nikhil Depale | Vishwakarma Institute of Technology, Pune |

Congratulations to all the successful Ready Engineer Colleges and Students.

**Secured 6ᵗʰ Rank among all Engineering colleges in India (2022-23 Batch)**

**Result – Ready Engineer Advanced Automobile Design (2022-23 Batch)** Thu 27-Apr-2023

Top Certified Ready Engineer Colleges

| Cluster | Ready Engineer College |
| --- | --- |
| Kolhapur | Kolhapur Institute of Technology, Kolhapur |
| Kolhapur | DKTE Societys Textile & Engineering Institute, Ichalkaranji |
| Solapur | Walchand Institute of Technology, Solapur |
| Solapur | Shri Vithal Education & Research Institute, Pandharpur |
| Pune | Vishwakarma Institute of Technology, Pune |
| Chhatrapati Sambhaji Nagar | Deogiri Institute of Engineering and Management Studies |
| Dharwad | KLS Gogte Institute of Technology, Belgaum |

## Corporate Social Responsibility (CSR) Activity Completed

| Academic Year | No. of Participants | Name of NGO | Details of Social Activity |
|---|---|---|---|
| 2018-19 | 130 | Lions Club Aurangabad | Donation of Washing Machine |
| 2019-20 | 36 | Matoshri Old Age Home, Aurangabad | Donation of three wheel chairs, ten Sticks and one month calcium tablets |
| 2020-21 | 149 | | Pandemic COVID-19 |
| 2021-22 | 48 | Sidharth Garden, Aurangabad | Donated Display boards, Information Charts, Safety Instructions and Signboards |
| 2022-23 | 148 | Bhagwan Baba Balikaashram and Sakar NGO, Chh. Sambhajinagar | Donated 5 Latest Computer Systems |

1. Mr. Rameshwar V. Chavan, SPOC and Certified Ready Engineer Professor
2. Mr. Amitpalsingh Punewale, Certified Ready Engineer Professor
3. Mr. Aditya Deshmukh, Certified Ready Engineer Professor
4. Mr. Tejas Patil, Certified Ready Engineer Professor