
	<b>Pimpri Chinchwad Education Trust's Pimpri Chinchwad College of Engineering &amp; Research Ravet, Pune</b>	
<b>Academic Year:</b> 2021 - 22	<b>List of MoU</b>	<b>Term:</b> I

Sr. No.	Name & address of company	Current Status
1.	Accurate Gauges, Accurate House, Hadapsar Industrial Estate, Pune	MoU Signed
2.	KalyaniMexion Ltd, KuruliPhata, Pune-Nasik Road, Chakan, Pune	MoU Signed
3.	Machine Reconditionrs Pvt Ltd, D block, Chinchwad MIDC, Pune.	MoU Signed
4.	Geometric Automation and Robotics Pvt. Ltd. Talwade Tal. Haveli, Dist. Pune-411062	MoU Signed
5.	Govt. College of Engineering, Karad, Dist: Satara	MoU Signed
6.	Shriniwas Industries, Tathawade, Pune	MoU Signed
7.	Mechatol Product Engineering Solutions Pvt Ltd, Pune	MoU Signed
8.	SP Engineers, Pune	In process



Prof. A.D. Khare  
Coordinator

Prof. Dr. R.K. Rathod  
Head Mech. Dept.

To promote Industry - Institute Interaction following activities are undertaken:-

- Establishment of Industry-Institute Partnership /interaction cell on 10.09.2020.
- Encouraging engineers from different industries to visit PCCOER to deliver lectures.
- Participation of experts from industry in curriculum development.
- Arranging visits of staff members to various industries.
- Professional consultancy by the faculty to industries.
- Industrial testing by faculty & technicians at site or in laboratory.
- Visits of faculty to industry for study and discussions or delivering lectures on subjects of mutual interest.
- Practical training of students in industries.
- Setting up R&D Laboratories sponsored by industries at the Institute.
- To sign Memorandum of Understanding (MoU) between the institute and industries to bring the two sides strategically closer
- To assist the Training and Placement Division for placement of the students.
- Identification industrial partners for proposing 'Centre for Excellence'.
- Practical training of students in industries in terms of internships.

### **Internship Program:**

To make the students well acquainted with the industrial environment & to get the training, PCCOER is arranging the internship program for the third & final year students. The program is arranged in between two semesters of the academic year so that it will not affect the academics. The details of the same for Mechanical department are appended below.

Internship data for Sem I (2020-21)				
Sr. No.	Name of student	Class	Internship company	Duration in week
1	Jay Sachin Kosamkar	TE	Sky Motor automobile Pvt Ltd	2
2	Shrikant Rajput	TE	Tata Motors Ltd	4
3	Mridula Mohanraju	TE	Technopert Process Ind. Pvt Ltd	3
4	Siddhant Chavan	TE	Technopert Process Ind. Pvt Ltd	3
5	Siddhi Karle	TE	Technopert Process Ind. Pvt Ltd	3
6	Prajakta Borhade	TE	Technopert Process Ind. Pvt Ltd	3
7	Saurav Zende	TE	Tata Motors Ltd	4
8	Suraj Badhekar	BE	Century Enka Ltd	3
9	Pranali Chaudhary	TE	IIT Bhubaneshwar	3

10	Neha Shinde	BE	SP Engineers	4
11	Sonia Dodke	BE	SP Engineers	4
12	Pranali Waman	BE	SP Engineers	4
13	Neha Ingale	TE	Sandvik Asia Ltd	4
14	Anushka Dusane	SE	Dhanashree Engineers, Nashik	2
15	Mrudula Dhame	SE	Dhanashree Engineers, Nashik	2
16	Rohit Ghodke	SE	Apsis Solutions (Solidworks Design)	8
17	Roshan Waghchaure	SE	Dahtek Engineering's, Nashik	8
18	Roshan Waghchaure	SE	Innovative Engineering, Nashik	8
19	Karan Ravindra Gaikwad	TE	Magna International, Talegaon Pune.	8
20	Pranita Santosh Datir	TE	Shree motors, Amravati	4

### Sponsored projects (20-21)

#### Project sponsorship

Primary objective of IIC, for an industry-sponsored project is to create a unique, high- quality educational opportunity for our students. Next to an internship, working with an industry sponsor on a project is perhaps the finest opportunity to experience high-level critique and interaction that a student can have. There is no better way to prepare these individuals for the professional settings they will experience once they graduate. Sponsored projects familiarizes companies and students with each other prior to graduation, and allow sponsor liaisons the opportunity to meet our program's brightest, most talented individuals.

List of the industry sponsored projects for AY 20-21 is appended below:

Sr. no.	Title of Project	Sponsored by
1	Design & Fabrication of auto conveyor for quality inspection	Tapovan Auto Tech Pvt. Ltd
2	Design and Development of Hydraulic press Special Purpose Applications	N.B.Technologies pvt.ltd.
3	Experimental Analysis on Extrusion of Primer composition for Ignition	HEMRL(DRDO)
4	Design and Development of broaching fixture for machine pulley	GAJANAN INDUSTRIES, Bhosari Pune
5	Design and Manufacturing of electric crane for	VEE BEE TOOLS, Bhosari

	lifting heavy components.	Pune
6	Experimental buckling analysis of Hydraulic cylinder for various mounting conditions on test rig	DRDO R&DE(Dighi)
7	Design, development and manufacturing of automatic punching and plastic welding machine for Wheel Arch	SP.ENGINEERS PVT LTD
8	Study and Analysis of BAJAJ High end Bikes Stamp to minimize Dent Damage & Scratches	Badave Engineering Ltd.
9	Design and Fabrication of Electro-Pneumatic Gantry type sorting robot.	Geometix Automation and Robotics Pvt Lts, Talwade
10	Spatter Reduction methods in Welding Process	Badave Engineering Ltd.

### Guest Lectures from Industrial experts

To improve student's learning in a more interactive and topic specific way IIC arranges Guest lecturers from different industry experts. This is very helpful not only for the students, but can also contribute to the teacher's knowledge and practices. Guest lectures can be used to make classes more approachable and appealing to students. List of the guest lectures conducted in AY 20-21 is appended below:

Sr. no	Name of Expert	Organization	Class
1	Mr. A Ramammoorthy, Thevar	Jyoti Heat Treat Industries	SE
2	Mr. Shrihari Jadhav	SACHA Engg Pvt Ltd Bangolora	SE
3	Mr. Durvankur Raut	Devise Electronics Pvt Ltd	SE
4	Mr. Ashok Korane	Trend Innivations Pvt. Ltd. Narhe	SE
5	Mr. Sagar Bhole	TATA Toyo Radiator Thermal System Pvt Ltd	SE
6	Mr. Sunil Zanzane	Mather Platt Pumps ltd	TE
7	Mr.Kiran Joshi	Reliance Industres Ltd, N.Mumbai	TE
8	Mr. Shriprashant Durugkar	Larsons & Tubros Offshore Ltd, Pawai, Mumbai	TE
9	Mr. Sagar Girme	TATA Technology Ltd, Pune	TE
10	Dr. Hitendra Patel	Philips India Limited (Healthcare)	BE
11	Mr. Pawan Umak	Adani Power Limited, Mundra	BE

### Industrial Visits of students (2019-20)

1. Katraj Milk Dairy, Pune

2. Techfest 2020, IIT Bombay.
3. PCMC water sewage treatment Plant, Nigdi
4. Pawana Hydro- Electric Power Plant, Pawana Dam
5. Accurate Gauges, Hadapsar Industrial Estate,Pune
6. SP Engineers, Pune
7. Shri Sant Tukaran Sahakari Sakar Karkhana, Kasarsai.
8. PM Enterprises, Ravet.
9. Shriniwas Engineers, Talawade
10. Don-Bosco Training Center, Chinchwad.
11. Extreme Engineers, Pune

**V. Future Plan:**

1. Data collection of Parents (in view of their profession/organizations) and contribution to Industry Institute Interaction.
  - a. Data collection.
  - b. Segregating the data based on specialization in Mechanical Engineering
  - c. Contacting them for Interacting with institute.
2. Internship for students through on-going MOU.
3. Consultancy activities for staff.
4. Contacting more industries and getting more and more MOU's for benefit of the students.
5. Vocational courses for UG students.
6. Placement of the students as GTE in individual capacity.