

MoU –

1. MoU with the Department of Commerce and Industry, Chhattisgarh & Government Engineering College, Raipur on various platforms. The MoU will furnish the following objectives.
 - a) Chhattisgarh Government has provided a platform to boost up the entrepreneurship talent to skilled youth.
 - b) Government of Chhattisgarh has identified the need for creating an enabling environment for fostering the start-up activities in the state.

This MOU shall come into effect on the Effective Date (25/04/2018) at Udyog Bhavan Raipur in (C.G.) and shall remain operative for a period of three (3) years.

2. MoU with AIC@36INC, a government society, Chhattisgarh & Government Engineering Institute, Raipur on various platforms. The MoU will furnish the following objectives.
 - a. Chhattisgarh Government has provided a platform to boost up the entrepreneurship talent to skilled youth.
 - b. Government of Chhattisgarh has identified the need for creating an enabling environment for fostering the start-up activities in the state.

3. MoU between GEC Raipur and Central Institute of Plastic Engineering and Technology (CIPET), Raipur signed a MoU for the training and collaboratively working under different projects of advance manufacturing and Training.

CIPET: IPT - Raipur is providing Academic and Employment orientated skill development training programme to the unemployed / underemployed youth of Chhattisgarh and technical support service to the plastics industries. CIPET Raipur has been accredited with ISO 9001:2015 QMS, ISO/IEC - 17025, ISO/IEC – 17020 certification on Design, Development and Conduct of specialized training courses in Plastics Engineering & Technology and rendering technical / consultancy services in design, tooling, plastics processing & testing for the benefit of plastics & allied industry. Faculty and trainer come to the institute and provides inhouse training to the students at CNC Milling and Lathe. Students are also taken to their campus as a part of industrial tour. CIPET Raipur also plays a pivotal role in generating employment opportunities especially for unemployed and underemployed youth, promoting entrepreneurs though various skill development training programs.

Facilities available

- Dielectric Breakdown Tester
- Universal Testing Machine (UTM)
- Carbon Black Content Tester
- HDT / VSP Apparatus
- Haze & Clarity Meter
- Melt Flow Index Tester

- Free Falling Dart Impact Tester
 - ESCR Apparatus
 - Falling Weight Impact Tester
 - Hardness Tester (Rockwell & Shore A&D)
 - Hot Air Circulating Oven
 - Impact Tester
 - Reverser Oil Bath
 - Co-efficient of Friction Tester
 - Carbon Black Dispersion
 - Radial Drilling machine
 - Surface Grinding Machine
 - Shaping Machine
 - CNC Lathe
 - Cylindrical Grinding Machine
 - CNC Milling Machine
 - CNC EDM
 - CNC Wire cut EDM
 - CNC Lathe
4. MoU with MSME Technology Centre Durg, it provides many services through its network for small scale industries. Specialized services of Marketing, Export promotion and International co-operation are also available through a series of schemes and incentives.
- Testing
 - Technical
 - Extension Services
 - Training & Manpower Development
 - Technology Trends and Trade Reports

These MSME Testing stations provide testing facilities in the area of cluster of industries and some strategic industrial locations. These stations are also equipped with the State of art indigenous and imported equipment in the disciplines of Chemical, Mechanical, Metallurgical and Electrical Engineering based on local needs to under-take Performance test, Type test and Acceptance test of semi-finished, finished products etc.

5. Additional list of companies who entered MoU with GEC Raipur.

S. No.	Name of Company
1	Analytics Valley Technologies Pvt. Ltd., Bengaluru
2	Techment Technology, Bhilai

3	Assiz& Sarah Health Care Pvt. Ltd., Raipur
4	Jain Software, Raipur
5	Trade Ocean (Merchant Navy), Mumbai
6	AIC@36Inc, Raipur
7	Modern Builders
8	Advance Tech India Pvt. Ltd., Punjab
9	Code Nicely Software Services, Raipur
10	Impactguru Technology Ventures, Mumbai
11	Puranik Brothers Consulting Engineers, Raipur
12	ARK InfosolutionPvt. Ltd. / Bentley Institute
13	K.R. Infrastructure & Developers
14	Sooham Analytics Pvt. Ltd. Raipur
15	AppstonePvt. Ltd. Bhubaneshwar

Industry involvement in the program design and partial delivery of any regular courses for students

To strengthen interaction with industries and to keep our students/program updated with the latest trends in Mechanical Engineering, the Department has implemented the following initiatives.

- Departmental Advisory Committee involves reputed Industrialists and Academicians for their valuable suggestions regarding various activities of the Department.
- Technical talk/ Expert lectures and interaction with students with industrial experts is organised.
- CIPET Raipur is involved in regular training of faculty members as well as students on CNC milling and CNC Lathe.
- MSME, Durg also provides software training so that each student turns in to the asset of the industry and encourages students to try new techniques and expand their skills.

Training Program/Technical activity for students by the Industrial Experts

Sr. No.	Training Program/Technical activity	Relevant area of training	Associated Industrial Experts	Date	Semester	No. of Students
1.	Project Validation using ANSYS	ANSYS	Mr. Shrinivas Rao Training Head Mr. Hidayetulla Manager Training Department CIPET Raipur	14/09/2020 - 09/10/2020	VI SEMESTER	39
2.	ANSYS & CREO	ANSYS & Creo Software training	Mr. AsseemShrivatav MSME, Durg	15/01/2020 - 14/02/2020	IV & VI Semester	55
3.	Short term online Training on CNC programming Using Master CAM-Miling/Tuning	Master CAM	Mr. Jaykishan Verma MSME, Durg	14/07/202-08.08.2020	VII	13
4.	ANSYS & CREO	ANSYS & Solidworks Software training	Mr. AsseemShrivatav MSME, Durg	10/08/2020 - 03/09/2020	IV & VI Semester	25
5.	Design simulation using CREO and ANSYS	CREO and ANSYS	Mr. jaykishan Verma MSME, Durg	14/07/2020-06/08/2020	IV Semester	59
6.	Programming and Operation on CNC lathe/ milling machine	Hand-on practice in CNC machines	Mr. Vikas Training Associate Mr. Hidayetulla Manager Training Department CIPET Raipur	10/02/2020 - 07/03/2020	III & VII Semester	50

7.	Programming and Operation on CNC lathe/ milling machine	Hand-on practice in CNC machines	Mr. Shrinivas Rao Training Head CIPET Raipur	12/03/2018 - 27/03/2018	V Semester	35
8.	Programming and Operation on CNC lathe/ milling machine	Hand-on practice in CNC machines	Mr. Vikas Training Associate CIPET Raipur	09/04/2018 - 17/04/2018	VII Semester	35
9.	ANSYS FEA	ANSYS Software training	Mr. Alok Training Head MINDBOX, ARK Infosolutions	26/12/2016 – 30/12/2016	V & VII semester	128
10.	ANSYS CFD	ANSYS Software training	Mr. Alok Training Head MINDBOX, ARK Infosolutions	03/01/2017 - 07/12/2017	V & VII semester	128