

NEWSLETTER

Department Of Mechanical Engg.

ABOUT DEPARTMENT

Inside This

- 1 **About Department**
- 2 **Vision and Mission**
- 3 **Toppers**
- 4 **Industrial Visit**
- 5 **Guest Lecture**
- 6 **Technical Events**
- 7 **Extra-curricular Activity**
- 8 **Social Activity**
- 9 **Placement**

Mechanical engineering deals with design and production of tools, machines and all other mechanical equipment to be used in industries that applies the principles of physics and materials science for analysis, design, manufacturing, and maintenance of mechanical systems. Mechanical engineers today are pursuing developments in fields such as composites, mechatronics and nano technology including generation of power by renewable energy sources.

VISION

"To be the Mechanical engineering professionals with pre-eminence academic level in scientific and technical education and develop effectual engineers for society and nation."

MISSION

- To foster faculty and students in technical competencies with interpersonal skills to flourish in mechanical engineering field.
- An endeavor to provide technical knowledge, leadership, guidance and support to mechanical engineers for the betterment of society and nation.

TOPPERS OF MECHANICAL DEPARTMENT

The Shirpur Education Society's
R. C. Patel Polytechnic, Shirpur
Department of Mechanical Engineering

Toppers

CONGRATULATIONS

To all the students **Final Year** Mechanical Engineering Department
For passing with flying colours in **Winter-2019 Examination** conducted by MSBTE.

		
Savant Ankitkumar 82.76 % Final year	Pardeshi Gaurav 82.38 % Final year	Sonawane Jayesh 81.14 % Final year




From Principal, Staff Members & Students of R. C. Patel Polytechnic.

The Shirpur Education Society's
R. C. Patel Polytechnic, Shirpur
Department of Mechanical Engineering

Toppers

CONGRATULATIONS

To all the students of **2nd year** Mechanical Engineering Department
For passing with flying colours in **Winter-2019 Examination** conducted by MSBTE.

		
Gavali Vikas 78.12 % 2 nd year	Kadam Puja 73.26 % 2 nd year	Sutar Vishal 67.47 % 2 nd year

From Principal, Staff Members & Students of R. C. Patel Polytechnic.

INDUSTRIAL VISIT

ST WORKSHOP, SHIRPUR

(17/09/2019)



The visit was organized for the 2nd year students to the ST Workshop, Shirpur, Dhule. The aim of this visit was to give practical exposure to the students about the various procedures and methods of maintenance of heavy duty vehicles, engines, drive system, brake system, etc. under the subject of Automobile Engg. The students also observed the process of maintenance of above systems. Honorable Principal Prof. N.G. Haswani sir gave permission to this industrial visit. Prof. A. S. Patil & Prof. B. S. Patil Coordinated this visit. H.O.D. of Mechanical Department Prof. Amol D. Patil also guided to students.

INDUSTRIAL VISIT

DARSHAN TYRES, SHIRPUR

(17/09/2019)



The visit was organized for the 2nd year students to the Darshan Tyres, Shirpur, Dhule. The aim of this visit was to give practical exposure to the students about the various procedures and methods related with manufacturing and designing, selection criteria's of tyres for different vehicles, material used for manufacturing of tyres, etc. comes under the subject of Automobile Engg. and Mechanical Engg. Materials. Honorable Principal Prof. N.G. Haswani sir gave permission to this industrial visit. Prof. A. S. Patil & Prof. B. S. Patil Coordinated this visit. H.O.D. of Mechanical Department Prof. Amol D. Patil also guided to students

INDUSTRIAL VISIT

MILK PROCESSING PLANT, KALMSARE, SHIRPUR (27/02/2020)



Shot on vivo Z1Pro
Vivo AI camera



The visit was organized for the 2nd and 3rd year students to the Milk Processing Plant, Kalmsare, Shirpur, Dhule. The aim of this visit was to give practical exposure to the students about the various procedures and methods related with Thermal engg. in which cold storage system, equipment's required for it, their construction, working, and maintenance was explained by Mr. V. M. Patel sir, Manager of MPP, Kalmsare with brief introduction to the cooling process done in Milk Processing Plant. Honorable Principal Prof. N.G. Haswani sir gave permission to this industrial visit. Prof. A. S. Patil & Prof. B. S. Patil coordinated this visit and guided to students. H.O.D. of Mechanical Department Prof. Amol D. Patil also guided to students

INDUSTRIAL VISIT

Bhusawal Thermal Power Plant

(29/02/2020)





The visit was organized for the 2nd and 3rd year students to the Bhusawal Thermal Power Plant, Deepnagar, Jalgaon. The aim of this visit was to give practical exposure to the students about the various procedures and methods related with Thermal engg. and Power Plant Engg. in which working of different boilers, turbines and generators and cooling tower with their maintenance procedure and coal processing required for the boilers is also explained with production of energy and precaution taken for safety purpose in this plant by Mr. Lalit Mahajan and Mr. Ali during the session. Honorable Principal Prof. N.G. Haswani sir gave permission to this industrial visit. Prof. L.Y. Borse & Prof. B. S. Patil coordinated this visit and guided to students. H.O.D. of Mechanical Department Prof. Amol D. Patil also guided to students.

GUEST LECTURE

It is said that “Something different that the usual always seems interesting”. The modern education system has made guest lectures an important part of their learning strategies. Guest speakers are like a blessing for the students, enhances the educational experience of the students. Moreover, it is a great way for the students to get maximum exposure as guest speaker’s talk about their real-life experiences and not what is there in the textbooks.

Atomic Power Plant

(07/09/2019)



Guest Lecture on ‘Atomic Power Plant’ by **Prof. S. P. Badgujar**, R. C. Patel Institute of Technology, Shirpur organized by the Department of Mechanical Engineering on 07/09/2019 for 2nd and 3rd year students. In this lecture, Prof. Badgujar Sir, interacted with students about Atomic power its fuels, working of atomic power plant and safety required for it with detail.

3 D PRINTING

(07/09/2019)



Guest Lecture on '3 D Printing' by **Prof. V. M. Patil**, R. C. Patel Institute of Technology, Shirpur organized by the Department of Mechanical Engineering on 07/09/2019 for 2nd and 3rd year students. In this lecture, Prof. Patil Sir, interacted with students about the basic printing technology and 3 D printing technology with major differences in between them, and detail working of 3 D printing with its applications and advantages.

WASTE HEAT RECOVERY SYSTEM

(03/02/2020)



Guest Lecture on 'Waste Heat Recovery System' by **Prof. Y. R. Pathak**, R. C. Patel Institute of Technology, Shirpur organized by the Department of Mechanical Engineering on 01/02/2020 for 2nd and 3rd year students. In this lecture, Prof. Pathak Sir, interacted with students about the Importance of Waste Heat Recovery system, devices used for it & their functions with use of this system in power generation plants with its design and working details.

ENERGY CONSERVATION MANAGEMENT

(03/02/2020)



Guest Lecture on 'Energy Conservation Management' by **Prof. K. D. Deore**, R. C. Patel Institute of Technology, Shirpur organized by the Department of Mechanical Engineering on 01/02/2020 for 2nd and 3rd year students. In this lecture, Prof. Deore Sir, interacted with students about the different Energy conservation techniques and energy audit system used in power plants and electricity board.

TECHNICAL EVENTS

GK+TECH QUIZ

(03/08/2019)

GK+Technical Quiz was organized for the 2nd and 3rd year students conducted by Prof. R. R. Salunke. The questions in the quiz competition were based on General awareness and Technical Knowledge based on their syllabus.



GK+TECH QUIZ

(15/01/2020)

GK+Technical Quiz was organized for the 2nd and 3rd year students conducted by Prof. L. Y. Borse. The questions in the quiz competition were based on General awareness and Technical Knowledge based on their syllabus.



HF Karting Championship S-3

(22 to 24/01/2020)





Hindustan Formula Karting Championship season 3 was organized by MET, Bhujbal Knowledge city, Nasik during 22nd to 24th January 2020 in which students of 2nd and 3rd year Mechanical dept. was participated by the G- Force team that was only one team participated from Polytechnic background and won the **Best Team Award**. Honorable Principal Prof. N.G. Haswani sir gave the valuable support to students. H.O.D. Prof. Amol D. Patil and all staff of Mechanical Department guided to students.

Extra-Curricular Activities

Personality Development

(11/09/2019)



Personality Development was organized to the all 3rd year students of R C Patel Polytechnic, Shirpur. The aim arranging this lecture was students get knowledge about process of self-education aimed at enhancing professional skills, employability, quality of life, self-discipline, talent & potential. It was conducted by Mr. Devendra Wagh, Life coach & Motivational speaker.

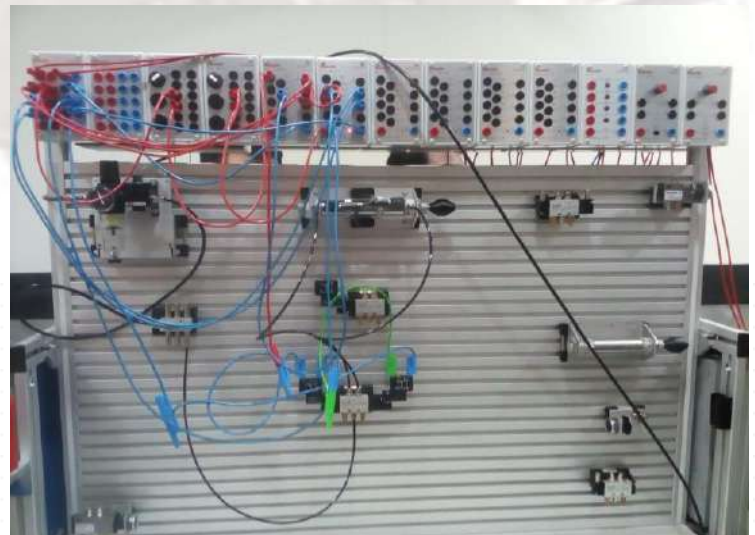
Workshop on CAD-CAM & 3D Printing (27 to 29/01/2020)

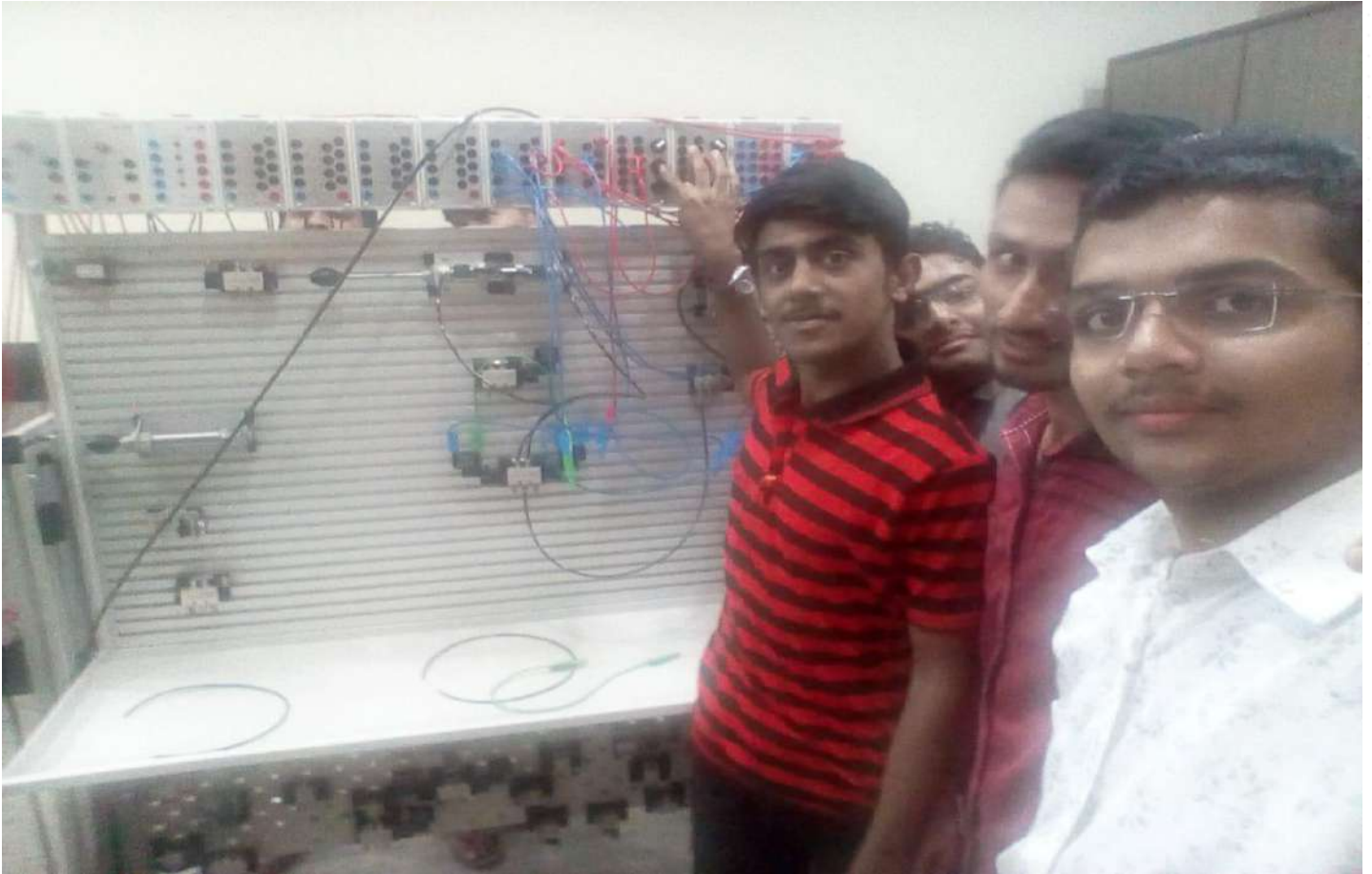




Workshop on “CAD-CAM & 3D Printing” was conducted in NMIMS, College of Engg. Shirpur. By the Department of Mechanical Engg. was attended by students of 3rd year Mechanical Dept.,RCPP in which they studied about the Design software CAD-CAM and perform the 3D printing operations by taking its detail knowledge.

Industrial Fluid Power & Automation (14 to 16/02/2020)





Workshop on “Industrial Fluid Power & Automation” was conducted in NMIMS, College of Engg. Shirpur. By the Department of Mechanical Engg. was attended by students of 3rd year Mechanical Dept.,RCPP in which they studied about the Industrial Fluid Power and working & uses of actuators in automation, robotics, etc.

Social Activities

Tree Plantation

(25/07/2019)



दि. ०६/०६/२०१९

आर. सी. पटेल पॉलिटेक्निकच्या विद्यार्थ्यांनी केले वृक्षारोपण



शिरपूर – येथील आर. सी. पटेल पॉलिटेक्निकच्या मेकॅनिकल इंजिनिअरिंगच्या विद्याशाखेतील तृतीय वर्षातील विद्यार्थ्यांनी शहरातील वासुदेव बाबा मंदिराजवळ देशमुख नगर परिसरात वृक्षारोपण केले.

महाराष्ट्र शासनाच्या वनखात्याच्या वनसंवर्धन मोहिमेअंतर्गत वृक्षारोपण

करण्यात आले. विद्यार्थ्यांसोबत प्राध्यापक देखील उपस्थित होते. वृक्षारोपण करून विद्यार्थ्यांनी पर्यावरण संदर्भात जनजागृती करण्याचा प्रयत्न केला. वृक्ष संवर्धनामुळे होणाऱ्या फायद्यांविषयी चर्चा केली. यावेळी विद्यार्थ्यांनी प्राध्यापका सोबत कडुनिंब, पिंपळ, सुबाभूळ इ. वृक्ष रोपांची लागवड केली. दरवर्षी वृक्षारोपण करून

पर्यावरणाचे संवर्धन करण्याचा संकल्प करण्यात आला.

या उपक्रमासाठी प्राचार्य नविन जी. हासवाणी यांनी मार्गदर्शन केले. तसेच विभागप्रमुख प्रा.अमोल पाटील यांनी विद्यार्थ्यांना वृक्षारोपण बाबत सूचना दिल्या. यावेळी प्रा. लक्ष्मीकांत बोरसे, मतीन पठाण, पंकज दलाल, प्रशांत बारी उपस्थित होते.

PARENTS MEET



Parent's meet of second and third year was organized on 18/01/2020. The parents were observed the progress of their respective wards through progress reports. Respective Local Guardian informed the parents about various activities in the institutes. The students also shared their concerns in presence of their parents. The students who were undisciplined and irregular were informed along with their parents about the rules of MSBTE and detention process. H.O.D. Prof. Amol D. Patil also present on meeting. The parents promised that they would take efforts for improving the overall performance of their wards.

PLACEMENT



सकाळ



शिरपूर : कॅम्पस इंटरव्ह्यूमध्ये यशस्वी ठरलेल्या विद्यार्थ्यांसह आर. सी. पटेल पॉलिटेक्निकचे प्राचार्य डॉ. नवीन हासवाणी व सहकारी.

पटेल पॉलिटेक्निकच्या १९ विद्यार्थ्यांना नोकरी

सकाळ वृत्तसेवा

शिरपूर, ता. ५ : येथील आर. सी. पटेल पॉलिटेक्निकमध्ये झालेल्या कॅम्पस इंटरव्ह्यूद्वारे मेकॅनिकल इंजिनियरिंग विभागाच्या १९ विद्यार्थ्यांना नोकरी प्राप्त झाली.

पुणे येथील ऑग्नीबेन प्रायव्हेट लिमिटेड या कंपनीतर्फे मुलाखती

घेण्यात आल्या. मानव संसाधन विभागाचे व्यवस्थापक अनिकेत निळेकर, उत्पादन विभागाचे व्यवस्थापक अविनाश क्षीरसागर व चंद्रकांत महाले यांनी विविध निकषांवर विद्यार्थ्यांच्या मुलाखती घेतल्या. अंतिम चाचणीत यशस्वी ठरलेल्या १९ विद्यार्थ्यांना नियुक्ती दिली. प्राचार्य डॉ. नवीन हासवाणी यांच्या

मार्गदर्शनाखाली ट्रेनिंग व प्लेसमेंट विभागाचे प्रा. जयेश चौधरी, प्रा. अनिल पाटील, प्रा. निखिल बोरसे व प्रा. नीलेश पाटील यांनी संयोजन केले. नियुक्तीपात्र ठरलेल्या विद्यार्थ्यांना संस्थाध्यक्ष अमरिशभाई पटेल, कार्याध्यक्ष भूपेशभाई पटेल, नगरसेवक तपन पटेल, उपाध्यक्ष राजगोपाल भंडारी यांनी शुभेच्छा दिल्या.

Jalgaon, Dhule-Today
06/02/2020 Page No. 1

Pool Campus Drive of Ognibene India Pvt. Ltd. Pune was conducted on 24/01/2020 by RCPIT and RCPP for Mechanical branch in which 19 students were selected in interview. They get a guidance from Honorable Principal Prof. N.G. Haswani sir and H.O.D. Prof. Amol D. Patil and all staff of Mechanical Department and T & P department.