

JANUARY
2022

NEWS & VIEWS NEWS & VIEWS

MECHANICAL
ENGINEERING



UNWIND 2021
DOME
UIT, RGPV
BHOPAL

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Unwind 2021



On 14th Feb 2021
The Mechanical
Engineering
department is
shifted to new
building namely
academic block No
11 .

A Patent was Granted to Prof Nitin Shrivastava & his scholars team :
Title of the patent A METHOD OF USING WASTE VEGETABLE OIL AS GREEN ALTERNATIVE FUEL FOR DIESEL ENGINE , Patent number: 332273 .He also worked as reviewer of 4 journals of Elsevier, Taylor & Francis

Two Patents filed by Prof A C Tiwari , Prof Ajay Vardhan & other faculty members of the department on .
(i) A KIT FOR CONVERSION OF SINGLE CYLINDER COMPRESSION IGNITION ENGINE TO MULTI FUEL SPARK-IGNITION ENGINE.
Application number: 202021009411
(ii) LOW COST BATTERY OPERATED CAR JACK WITH MULTIPLE SPEED OPEARTIONS Application No 202121059565 .which are at the stage of early examination .

A 3 days CAD software training program was conducted specially for the faculty of Mechanical Engg deptt To train them in the soft skill of “ 3 D Experience “ software comprising of product design and drafting from 30 July 2021 to 1st August 2021

On line Teachers Day Celebration by students on 5th Sept 2021 , students given live demonstration of their hidden talents .



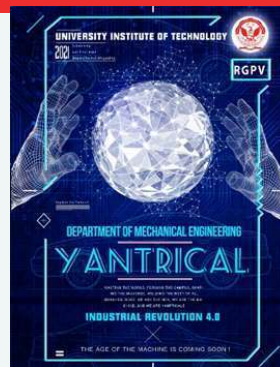
Unwind 2021

First on line Faculty – Parents meeting of Mechanical Engg deptt took place on 25th Sept 2021, more than 40 number of parents along with all faculty members of the department participated in it .Prof A C Tiwari Head of Deptt gave a ppt presentation on the profile of the dept , which was followed by a interactive session , quarries of parents were answered by faculty.



First department level Alumni meeting took place on 6th July 2021 with academic agenda followed by interactive session .

First departmental magazine namely "Yantrikal " was uploaded on UIT, RGPV Web site , the 70 page inaugural issue of the magazine is a colourful treat by a student editorial team, students & faculty has contributed in it . The snap shot of title page is presented here .



On line Induction Program for newly entrant students of B Tech I Yr Mech & M E (Heat Power Engg) students was conducted in the month of November 2021 .

Departmental Students have done on line internship training in near by villages under Unnat Bharat Bhiyan , after summer break in July 2021 .

Unwind 2021

Department has submitted e- Self Assessment Report to National bureau of Accreditation (NBA) on 30th November 2021 and awaiting visit of peer committee for grant of 5 Years Accreditation by NBA in the month of May 2022.

The department has a strong linkage with the industry , the department has signed 5 number of MOUs with industries for internship, training , joint research & innovations ,industry based project work for students etc .

Department of Mechanical Engg & ION Mobility Pvt. Ltd. Pune
16/03/2021

Department of Mechanical Engg & J KM Ventures Pvt. Ltd. Pithampur.
January -21

Department of Mechanical Engg & Energy system PVT Ltd. Bhopal. 01-05-2021

Department of Mechanical Engg & Enterprising Technocrats Govindpura Bhopal.
16/03/2021

One day Webinar was organised for the faculty members of the department on the topic of “Smart Product development process and Altair academic initiatives” on 3rd Sept 2021 .PG students and final year too joined the event

During this time span about 21 number of research papers were published in SCI , Scopus , UGC approved journals by faculty members of the Mechanical Engineering department



Two full time research scholars Namely Mr .Jitendra kumar Kushwaha (RGPV Research fellow) and Mr Nitesh Kumar Pandey(AICTE Research fellow) joined in the department and it has given big jolt to research activities of the department .

Unwind 2021

On 8th Dec 2021 a n Australian innovation patent was granted to Dr Abhishek Agrawal & Mr Ravi Rai Asst Professors from the dept of Mech Engg
topic of the patent is Resourse recovery mechanism in a 3 D cartasian coordinate system for enhancing seach efficiency .

on 14th December 2021 A resesrch Paper titled "An Analysis to understand the role of machine learning, robotics and artificial intelligence in digital marketing" was published by Dr Abhishek Agrawal and Mr. Ravi Rai on Material Today Proceedings Elsevier Science Direct Scopus Indexed Journal



**News Letter
Unwind 2021
Designed Developed &
Compiled by
Prof A C Tiwari**