

# ME Dept. NIET

NIET, Plot number 19, Gr. Noida

Website: [niet.co.in](http://niet.co.in)



Dear Reader,

A very happy new year to you at first. The sole purpose of this newsletter is to make you aware of the happenings and to get to know about the surrounding at departmental level.

It is an initiative of department of mechanical engineering to rejuvenate the bonding between you and the department.

Warm regards,

ME Department

## Managing Director's message

You'll find that everything at NIET is single-mindedly focused on addressing student needs. We are clear that it is our responsibility to help our students to realize their goals in an increasingly competitive world. NIET alumni can be found at premier organizations in India and overseas. From academic excellence to leadership qualities, a nurturing environment to cutting - edge infrastructure, NIET offers everything one needs to succeed professionally. Our unique educational system will ensure that you gain not just depth and breadth in your chosen area of specialization, but also a holistic set of skills that will equip you to face the real world. At every stage there will be opportunities to expand your boundaries.



## Director's message

NIET is an institution, ever growing and expanding and has developed its mark in the professional world through the quality of education imparted by a team of qualified, dedicated and experienced faculty members. We at NIET are proud that within a span of fourteen years NIET has grown in all directions such as quality education, academic environment, infrastructure, placement activities, research activities and to bridge the gap between academia and industry. NIET has achieved excellence in many aspects due to the effective vision of the Institute management. We train and mould our students as per market requirements.



## Vision and Mission of the Department

### Vision:

The Mechanical Engineering Department envisions to be recognized globally for its outstanding technical education and research capabilities to address ever-changing global issues.

### Mission:

- To develop state-of-the-art research facilities to provide opportunities to interpret, apply, disseminate and create knowledge.
- To deliver outcome based research-led education to undergraduate and postgraduate students.
- To be dynamic, innovative and flexible in devising programs, structures and mechanisms to cope with the changes.
- To equip the students with academic, corporate and entrepreneurial leadership, communication skills and global awareness required by the engineering profession and society in general.
- To establish an environment that encourages and builds an exemplary degree of citizenship, professional and personal integrity and ethical behavior.

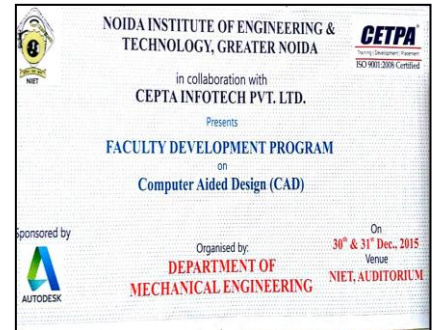
## Compressed Air vehicle

Students of mechanical engineering department built a compressed air propelled vehicle. Instead of powering the vehicle with regular fossil fuel they used the expansion of compressed air to power the engine.



## FDP with CETPA Infotech

Faculty development program was organized by Department of mechanical engineering at NIET Gr. Noida In accordance with CETPA Infotech Sponsored by Autodesk AutoCAD for the enhancement of design skills so as they can guide the students in a more efficient manner.



## Entrepreneur Development Seminar

Faculty members participated in Entrepreneur Development Seminar held at institute auditorium in the presence of Managing Director Dr. O.P. Agarwal, Director Prof. (Dr.) Ajay Kumar and HOD Mechanical Engg. Prof. P. Pachauri, organized on 23rd of August 2015.



## Award for Publications in Journal

On the eve of Founder's Day i.e.16th of December 2015 faculty members received awards for publication of their research papers in various reputed journals. Their work was appraised by Managing Director Dr. O.P. Agarwal, Director Prof. (Dr.) Ajay Kumar and HOD Mechanical Engg. Prof. P. Pachauri.

## Guest Lecture

Mr. Aditya Ghildyal (Vice President, Association of Greater Noida Industries), presented his views on "Latest trends in Industrial Developments" in the guest lecture organized by Department of Mechanical Engineering, NIET, Gr. Noida on 22nd of August 2015, for the enrichment of knowledge base of students and faculties.



## Award to students

Master Nikhil Pandey and Master Kumar Sagar, Academic toppers from the current batch were awarded and appraised for their hard work by our M.D. Dr. O.P. Agarwal.

## More Important News

### Skill development program...

In the month of October 2015, 4 weeks skill development program was organized by Department of Mechanical Engineering, NIET, Gr. Noida on the following topics:

- Refrigeration maintenance
- Lathe machine maintenance
- IC engine maintenance
- Motor welding maintainance

### Industrial Visit.....

Industrial visit for the students of Mechanical Engineering Dept. was arranged to familiarize the students with industrial environment, dated:

- 31/10/15 Kadambari Auto
- 3/10/15 Arman machinery Gr. Noida

### Training Session....

With the help of faculty members, sessions were organized for the benefit of the students to enrich their knowledge of CAD and CNC:

- 5/10/2015 – 4/11/2015 CAD Training session
- 20/10/2015 – 6/11/2015 CNC Training session

### And a Happy Note

Since the placement season is up, there can't be any proud and happy moment for faculties and students of the Department when the student reaches the summit. So, here's a good news:

- 29 Students of MED 2015-16 got placed in TCS, wherein 20 of them are selected for AES.
- In another drive one student got placed in Hyundai.

## Upcoming Events

**27/2/2016**

Alumni Meet

**27/2/2016**

PT Meet

**22/3/2016**

Guest lecture

## Important Announcement

- REGISTRATION OPEN for TCS GAMES upto 6<sup>th</sup> of Feb 2016
- Skill development program that was at stand still for a while is to be restarted in the current session.

## In the Community

### Placement drive

Time to buckle for the next round of placements for the session.

### Sessional dates finalized

Prepare for the sessionals as the dates for the same are finalized from 22<sup>nd</sup> of Feb 2016



## छात्रों ने बनाया हवा से चलने वाला वाहन

जासं, ग्रेटर नोएडा : हवा से चलने वाली कार की बात जल्द सड़क पर दिखाई दे सकती है। जी हाँ, हवा से वाहन चलाने का करिश्मा सच कर दिखाया है नॉलेज पार्क स्थित एनआइईटी कॉलेज के छात्रों ने। छात्रों ने हवा से ट्राई साइकिल चलाई है। जिसकी खास बात है



हवा से चलने वाली ट्राई साइकिल। जागरण कि इसके चलने से नाममात्र भी प्रदूषण नहीं होगा। इसे तैयार करने में मात्र साठ हजार रुपए का खर्च आया है। ट्राई साइकिल को बीटेक अंतिम वर्ष में पढ़ने वाले चार छात्रों चित्रांश श्रीवास्तव, अनुज ग्रेहवाल, अंकित जैन और हृदय नारायण दीक्षित ने तैयार किया है। वाहन को तैयार करने में शिक्षक शहजाद अली और मोनिका जयसवाल ने छात्रों की विशेष मदद की। टीम ने बाइक के फोर स्ट्रोक इंजन को तकनीक के माध्यम से टू स्ट्रोक में तब्दील किया है। छात्रों द्वारा तैयार की गई तीन पहिया गाड़ी पर अधिकतम चार लोग बैठ सकते हैं। कॉलेज प्रबंधन ने गाड़ी को कमर्शियल करके सड़कों पर उतारने के लिए एक साल का लक्ष्य रखा है। तीन पहिया एयर कंप्रेसर गाड़ी में कार्बन स्टील सिलेंडर लगा है।

Compressed air vehicle



Faculty development program in collaboration with CETPA Infotech Pvt. Ltd.



New year celebration at NIET campus