



GNDEC NEWS LETTER

PRODUCTION ENGINEERING

An autonomous college u/s 2(f) and 12 (B) of UGC Act-1956
Gill Park, Gill, Road, Ludhiana-141006

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DIRECTOR'S MESSAGE

Today, Higher Education Institutes are at cross-roads. Ranking issues are being raised everywhere. As such it has been observed that the ranking conducted by “THE” and “QS” have a serious effect on the perception of the countrymen and Government. In this message, we will discuss some issues that need attention of the academic community of Higher Education Institutes (HEI) of the country in general. We are required to enhance our facilities. We have to do our best to provide more opportunities to our students. We must create more innovative courses in our Institutes. Several departments have already joined the open educational resources movement. We must improve our infrastructure, laboratories and computational facilities. Today our infrastructure, laboratories and computational facilities are not

comparable with the bests in the world. We have to initiate more discussions between the academia and the industry. We need to show people the kind of impact that these Institutes can effect on improvements in the living conditions; like cleaning up the ambience, improving urban-traffic system etc. We have to keep bringing together leading academic people from all over the globe. Universities/ Institutes must merge teaching and research into one body. An active researcher always modulates his teaching from the experience earned through research. Each one of us has to strive continuously to become an effective teacher. We have to be innovative and analytical even if the class strength is large.

Department overview

Production engineering department has got lots of research facilities as the new manufacturing research lab has been fully functional with two newly procured machines, i.e. Twin screw extruder and Differential scanning calorimeter (DSC). This purchase has been made from funds available from Department of Science and Technology (GoI) under project polymer waste as feedstock filament for industrial use.

Research publications

Rupinder Singh, Er.Ranvijay Kumar, Fernando Freternali, luciano feo has published a paper on Friction welding of dissimilar plastic/polymer materials with metal powder reinforcement. Journal composite part A

Ranvijay kumar, Rupinder Singh has published a book chapter in Reference module in material science and engineering. Elsevier on “friction welding of dissimilar plastic based materials by metal powder reinforcements”.

Rupinder Singh, Narinder Singh, Piyush Bedi, and IPS Ahuja has published Polymer Single Screw Extrusion with Metal Powder Reinforcement (Reference module in material science and engineering. Elsevier)

Rupinder Singh, Narinder Singh and IPS Ahuja has communicated a paper on Recycling of Plastic Solid Waste for Additive Manufacturing Applications in 6th International and 27th national AIMTDR 2016, Dept.of Mechanical Engineering, IIT Guwahati.

Sunpreet Singh and Narinder Singh have communicated two papers in AIMTDR conference and Sunpreet Singh and Ranvijay Kumar has published papers in Elsevier journal named composite part A and composite part B.

Faculty member (Dr. Rupinder Singh.) from Production Engineering Department has attended a 5-day training program on “3D Printing and Additive Manufacturing” at NIT Warangal. Prof. Ian Gibson was the expert in that course named GIAN.

Counselling schedule

Admission for the 2016-17 session has been started through IKGPTU. The university will hold an online web counselling for admissions in various courses like B-tech, MTech on the basis of JEE mains rank from 5 May to 2 July 2016. It involves registration followed by the choice filling simultaneously. Results for the same will be declared on 8 July 2016. The schedule for the same has been shown below.

IKGPTU WEB COUNSELLING SCHEDULE FOR ACADEMIC SESSION				
Course: B. Tech. 1st Year and B. Tech 1st Year (Fee Waiver) On the Basis of JEE (Main) Rank 1st Round				
Activity	Start Date		End Date	
Fee Deposition	05-05-2016		02-07-2016	
Registration	04-07-2016	11:00 am(Monday)	07-07-2016	11:59 pm(Thursday)
Rank Preparation & Updation		Choice filling will start simultaneously		
Choice Filling				
1st Round Result	08-07-2016		03:00 pm(Friday)	
Reporting in Allotted Institution	09-07-2016(Saturday)		12-07-2016 08:00 pm(Tuesday)	
2nd Round				
Activity	Start Date		End Date	
Fee Deposition	07-07-2016		11-07-2016	
Registration	13-07-2016	11:00 am(Wednesday)	17-07-2016	11:59 pm(Sunday)
Rank Preparation & Updation		Choice filling will start simultaneously		
Choice Filling				
2nd Round Result	19-07-2016		09:00 am(Tuesday)	
Reporting in Allotted Institution	19-07-2016(Tuesday)		22-07-2016 08:00 pm(Friday)	

Similarly, counselling schedule for b tech has also been released and given below.

Admission to MTech Full time is initially done through online counselling done by IKG PTU Jalandhar.

Candidate should register on the website of PTU. e-Fee deposition slip should be generated. **(More details available on website: www.ptu.ac.in).**

Students will have to take print out of the online fee deposit slip and should submit the fee in the respective branch of bank. Fee of Rs. 2000/-(non-refundable) is to be deposited in branches of bank listed on the website. Submission of more than one application form by the same candidate is not permitted.

Click http://iems.ptuaccounts.ac.in/retrieveInfo_ptuopea.do?Method=getUserLogin_ for online registration

Direct counselling done by GNDEC Ludhiana

If any of seats remain vacant after the two rounds of counselling by PTU, Direct counselling will be done by GNDEC Ludhiana after the completion of second round by the university.

The procedure and date of direct counselling will be uploaded on gndec.ac.in in (Probable Date-*Second Week of July*).

Aspirants are advised to keep visiting gndec.ac.in for all further updates.

Counselling schedule for the PhD admissions in Punjabi university Patiala has also been released and registration has been started and will end on 4 July 2016. Followed by an entrance test. For more details visit <http://pupadmissions.ac.in/>

Placements

The production engineering department is performing well in the placement section also. 28 out of 45 students are placed by now in various companies like ACCENTURE, TCS, Asahi India Glass Ltd, INFOSYS Limited, eClerx Services Limited.

Department of Production Engineering organized a National conference on Production Engineering COPE-2016 under TEQIP-II on 7-8 oct, 2016. Various participant form different institutions and industries took part in this conference. Proceeding of this conference will be published in two International Journal i.e.,International Journal of Advanced Mechatronics and Robotics'. Serial Publications, New Delhi. and International Journal of Materials Science and Engineering'. Serial Publications, New Delhi'.

A new project from BRNS has been started and under that project a JRF has been selected.



Dr. Sunpreet Singh has completed his PhD in Mechanical Engg. from Punjab technical university in May 2016.

Gulvir Singh, Asstt Professor has completed M. Tech. in Production Engineering from GNDEC,Ludhiana.

Ranvijay kumar , JRF in Production Engineering department has completed M. Tech. in Production Engineering from GNDEC,Ludhiana.

Sukhinderpal Singh, Gursharan Singh has completed their M. Tech. in Production Engineering (Part-time) from GNDEC,Ludhiana.