

### **About Metal Forming Session held on 7<sup>th</sup> -8<sup>th</sup> November, 2017**

The department of Mechanical Engineering, Thapar University Patiala, has organized a Two-day lecture series on 'Metal Forming' on 7<sup>th</sup> & 8<sup>th</sup> November, 2017. Professor K. Narasimhan from Indian Institute of Technology Bombay, was invited as an expert of metal forming field to deliver the lectures. The main aim to organize such lectures was to benefit the student community, specifically Final year B.E Mechanical (Production) students, as they have 'Metal Forming' as their one of the core course in the current semester. This was also aimed to benefit the faculties working in this research field.

The programme was started at 9 am on 7<sup>th</sup> November, 2017 in C-Hall. Dr. Gulshan Kumar presented a welcoming note to the speaker, the faculties and the students. Afterwards, Prof. S.K. Mohapatra, HMED, gave an opening remark on the two day lecture series (Pic 1). He emphasized the importance of this field in the current scenario. He encouraged the students to use this opportunity at their best. He introduced Prof. Narasimhan to the audience through his brief bibliography. At last, he welcomed Prof Narasimhan by presenting a flower bookey (Pic 2). Then, Dr. Gulshan Kumar requested Prof. Narasimhan to brief about the two day lecture series. After the briefing of the two day plan by Prof. Narasimhan, the podium was handed over to Prof. Narasimhan for starting the lecture session.

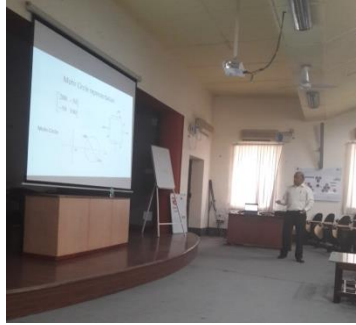


Pic 1



Pic 2

All the sessions were very interacting and useful for the students. The students were encouraged to ask any kind of questions during the session. The glimpse of the sessions are presented in Pic 3-Pic 6. The overall feedback of the students seems to be positive towards the speaker and the content of the lecture. Almost, 95% students found this kind of lecture series fruitful for them and requested to organize these kinds of events frequently. However, one of the comment/suggestion from the students was to organize these sessions before the MST.



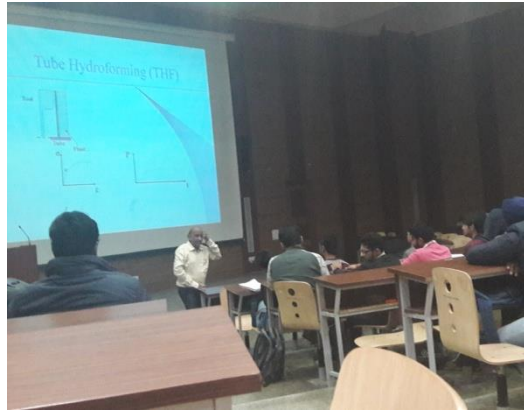
Pic 3-Day 1



Pic 4-Day 1



Pic 5-Day 2



Pic 6- Day 2



Pic 7-Faculty interaction, Dr. Harshvardhan N. (Right), Dr. Satish Kumar, Prof. K. Narsaimhan, Dr. Arshpreet Singh, Dr. Manish Kumar, Dr. Gulshan Kumar (Left).

Prof. Narasimhan has also visited our department laboratories. He appreciated our infrastructure and many other things. He also pointed some loose points towards forming facility in the department and recommended to write the research proposal to Govt. agencies to get the funding for machinery/equipments. The overall comment from Prof. Narasimhan is given as:

“Thanks very much for kindly coordinating my visit in connection with the 2-day lecture program at your University. Thanks also to your Head, Prof. Mohapatra for giving his valuable inputs during the starting of the program

I found the two day lecture session with your students to be very interactive and interesting. They seemed quite excited about the program which helped in keeping the entire program very lively. The students were also quite eager to learn and appreciate the course material covered in the two days. I would certainly look forward to a similar opportunity in future also.

Thanks to Dr. Gulshan and Dr. Harshvardhan for taking me around the various labs of your Department as well as the campus in general. It was indeed nice to see many of the core lab facilities all in good working conditions. I really feel that your Department has very good infrastructure for providing high quality education. Possibly, the Department could consider adding a few sophisticated facilities that would go a long way in enhancing the research capability - such as: high end characterisation facilities (SEM, TEM...) and manufacturing facilities like Forming Press, 3-D printing facility, Rolling Mill, Laser etc.

It was also nice to interact with some of your young colleagues (Pic 7). We could have a useful discussion on each others research interest. I found all of them very enthusiastic about their teaching and research. I would encourage you all to submit R&D proposals to the various government agencies like DST and also explore collaboration with industry.

I once again thank you all for providing me the opportunity to visit Thapar and interact with the students and faculty there. I take this opportunity to invite you all to visit us here at IIT Bombay at your convenience.”

With best regards,

Narasimhan