

December 2014

## Newsletter

Editor: Juilee Bhansali



Dr. Roshan M Wade, Consultant Sports Medicine & Arthroscopy Surgeon, Elixir hospital, visited the BETiC lab. He discussed innovative ideas for surgical devices and possible collaboration with BETiC for converting these ideas to reality.



Juilee Bhansali and Vijayalakshmi attended the training program on "Purchase Procedure" organized by the Personnel Training and Development Cell. Salient features of the training included, understanding the purchase requirements of IIT B and guidelines for contract management and Tender Management.



Nikhil Chowdary, Technical Head, Engineering Staff College of India (ESCI) visited the BETiC lab. Rupesh Ghyar, Chief Scientist gave him the lab tour and discussed possible collaborations with BETiC.



Dr. Anvay Mulay came in for a discussion regarding innovative ideas for a heart stabilizer device. He interacted with Lata Chawla, who is working on making a prototype. Later he also met with Prof Mariam Bhagini . They discussed other novel ideas and possible collaborations.



Dr. Sachin Gujarati, Orthopaedic surgeon, practicing at IITB hospital visited the BETiC lab. He was interested in the BETiC projects and discussed scope for future collaboration.



Sritam Rout, Research Associate, visited CE MAST in Mumbai and met with Dr. Suresh Deshpande, Laparoscopic Surgeon, and Prof. Tehemton E Udwadia, Chairman, CE MAST. He presented his device prototype for a feedback and discussed ideas for further innovation in Laparoscopic surgical instruments.

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Team from Steinbichler, Bangalore, leading supplier of optical measuring and 3D Scanning Technology visited the BETiC lab to give a demon of their 3D scanner machine. The functionality and potential uses of the 3D scanner were discussed. Lata Chawla, Research Associate, interacted with their team.



Mr. Pannneerselvam, Director of MSME institutes along with his colleagues visited the OrthoCAD lab. They were specially interested in the E-foundry section of the lab, with the intent of replicating similar centers in their institutes.



The BETiC, IITB team initiated and hosted a 'virtual' BETiC team meet with partner teams at COEP, Pune and VNIT, Nasik. The progress of individual devices and of the project as a whole was reviewed. Further, future plans were also discussed.



A Ahilan, Research Associate and Dual Degree M.Tech student, presented his paper "Comparison of Four Indian TKA Prosthesis Designs Using Static Finite Element Analysis" in the IICMEH-2014 conference in Manipal.



Rupesh Ghyar, Chief Scientist at BETiC visited Delhi to attend the 8<sup>th</sup> Indian MedTech Summit and Graduation Ceremony of Stanford BioDesign Program, India Chapter.



Rupesh Ghyar, visited Manipal to attend the pre-conference workshop on Computational Methods for Interdisciplinary Research. He was also the keynote speaker for talks on 'Virtual and Physical Testing of Knee Prosthesis' and 'Prosthesis Development using Computer Aided Technologies'.



Around 120 students from TEQIP group of colleges visited the OrthoCAD lab, to know more about the BETiC and E-foundry initiatives. They were give the lab tour by Research Assistants Lata, Amit, Sritam.