

REGISTRATION

Visit <http://www.dplc2016.org> to complete the registration. Each delegate needs to register separately. Registration fee may be paid in different modes.

Demand Draft	<ul style="list-style-type: none"> In favor of "BITS Pilani, Hyderabad Campus" Payable at "SBH, BITS Pilani, Hyderabad Campus, Jawahar Nagar Branch" Write your full name with pencil on the backside of the demand draft and speed post/courier the draft to Convener, DPLC-2016, Department of Mechanical Engineering, BITS Pilani, Hyderabad Campus, Jawahar Nagar, Shamirpet Mandal, Hyderabad 500078, TS.
Netbanking	<ul style="list-style-type: none"> For bank transfer kindly go to the bank collect facility through the link provided below. kindly follow the following Instructions : After clicking on the link, kindly read the terms and conditions then click on the check box at the bottom & click proceed. Select State as 'Telangana' from the combo-box 'State of Corporate/Institution'. Select 'Type of Corporate/Institution' as 'Educational Institutions' & click GO. Select 'BITS-PILANI HYDERABAD CAMPUS' from the combo 'Educational Institutions Name' & click SUBMIT. Select any one of the 'Payment Category' starting with DPLC-2016 from the combo provided. Kindly fill all details in the form provided. After making payment please comeback to website and click the payment button on REGISTRATION page and fill the Transaction ID and date of payment. https://www.onlinesbh.com/prelogin/icollecthome.htm

REGISTRATION FEES FOR INDIVIDUAL DELEGATES

Student Delegates	Rs. 1000/-
Delegates from Academics/ R&D organizations	Rs. 2000/-
Industry and other delegates	Rs. 3000/-

The registration fee includes registration kit (bag, souvenir, stationary), two conference lunches and conference tea during sessions. Visit the conference website to register.

ACCOMMODATION

Registration fee does NOT include Accommodation. Please check website <http://www.dplc2016.org> for accommodation options near the venue.

CONTACT

Dr. Srinivasa Prakash Regalla , Professor Convener, DPLC-2016 (regalla@hyderabad.bits-pilani.ac.in) mobile: 09010202879
Dr. N. Suresh Kumar Reddy , Associate Professor Convener, DPLC-2016 (nskreddy@hyderabad.bits-pilani.ac.in) mobile: 09666309526
Dr. G. R. Sabareesh , Assistant Professor Co-convener, DPLC-2016 (sabareesh@hyderabad.bits-pilani.ac.in) Mobile: 08185919590
DPLC-2016 , Department of Mechanical Engineering, BITS Pilani Hyderabad Campus, Jawahar Nagar, Shameerpet Mandal Hyderabad 500078, INDIA.

VENUE

BITS Pilani, Hyderabad Campus, Hyderabad-500078, TS.

How to reach BITS Pilani, Hyderabad Campus

Surrounded by natural *flora* and fauna, the campus is located at about 60 km from Rajiv Gandhi International Airport (RGIA), Shamshabad through the P. V. Narasimha Rao expressway (94 km through ORR) and 22 km from Secunderabad Railways Station on Rajiv Rahadari (Karimnagar highway). There is a direct bus (Bus no 212) from Secunderabad railway station (Gurudwara point) for every 1 hour to BITS Pilani, Hyderabad campus main gate.

SPONSORSHIP OPPORTUNITIES

Diamond Sponsor: Exhibition stall, banner at venue, 20-minute presentation, mention in brochure, souvenir and in website.	5 complimentary registrations	Rs 50,000
Gold sponsor: Exhibition Stall, mention in brochure, souvenir and in website.	3 complimentary registrations	Rs. 20000/-
Silver sponsor: Exhibition stall, mention in brochure, souvenir and in website.	1 complimentary registration	Rs. 15000/-

IMPORTANT DATES

Abstract Submission	Nov 30, 2015
Confirmation of acceptance (abstract)	Dec 20, 2015
Full length paper	Jan 20, 2016
Confirmation of acceptance of paper	Feb 15, 2016
Registration	Feb 28, 2016



Birla Institute of Technology & Science, Pilani
Hyderabad Campus

Jawahar Nagar, Shameerpet Mandal, Hyderabad-500078, TS.

2nd National Conference on Design and Manufacturing Technologies for Product Life Cycle (DPLC-2016) March 19-20, 2016



Organized by
DEPARTMENT OF MECHANICAL ENGINEERING
BITS Pilani, Hyderabad Campus



<http://www.dplc2016.org>

INTRODUCTION

The DPLC-2016 conference is on the emerging philosophy of incorporating the constraints of various other stages in the product life cycle at design stage itself. What was a discrete and completely disconnected scenario of product life cycle with inherent inefficiency has now completely metamorphosed into an integrated set of activities. Developments in many technical areas of design and manufacturing have been responsible for successful integration. These state-of-the-art technologies in both systems and technological frameworks form the topics of this conference. The DPLC-2016 is the 2nd conference in the series organized by the Department of Mechanical Engineering, BITS Pilani. The first conference, DPLC-2006, was organized at BITS Pilani, Pilani campus, Vidya Vihar, Pilani, Rajasthan in Feb 2006, to which there was enormous response. In this second version, DPLC-2016, we have included in the scope the innovative manufacturing technologies that can influence the decision making in design stage and efficiency of the downstream stages of the product life cycle. Papers are invited for oral and poster presentation in the following and other related areas of design and manufacturing technologies for product life cycle:

- **Design for Manufacture and Assembly (DFMA)**
- **Design for X (DFX)**
- **Network-centric Manufacturing**
- **CAD, Collaborative design**
- **Prediction of product failure**
- **MEMS and NEMS based design**
- **Automated material selection modules**
- **Manufacturability analysis**
- **Virtual manufacturing and assembly**
- **Additive Manufacturing and 3D printing**
- **Product Realization and Optimization**
- **Tribology**
- **Concurrent engineering**
- **Design and Manufacturing in Wind Energy Sector**
- **Design and Manufacturing of Medical Devices**
- **Product Life Cycle and Supply Chain Strategy**
- **Internet of Things (IOT)**

HOW TO SUBMIT THE ABSTRACT?

Abstract in the specified format may be uploaded at the conference website, where a template for abstract is also made available. Registration of at least one of the authors is mandatory for both oral and poster presentations. Authors of the selected abstracts will be invited to submit the full length papers. Work contained in the paper should be original and should not have been published elsewhere. This conference is relevant to all engineers, executives in industry, faculty members, and research scholars whose activities involve contribution, instruction or research related to product life cycle.

THE INSTITUTE

The Birla Institute of Technology & Science Pilani (BITS Pilani) is an institution of international repute. Over the years, BITS Pilani has provided the highest quality technical education to students from all over India and abroad admitted on the basis of merit. BITS Pilani is ranked among the top Engineering Institutes of India. BITS is a multi-locational university with three campuses in India, at Pilani, Goa and Hyderabad, and one international campus in Dubai (U.A.E). During its five decades of existence as a University, BITS Pilani has established strong linkages with industries, R&D organizations and financial institutions through its university-industry linkage programmes.

DEPARTMENT OF MECHANICAL ENGINEERING

The Department of Mechanical Engineering at BITS Pilani, at the Hyderabad campus started right at the inception of the campus in 2008 and has been offering B.E. (Hons) Mechanical, B.E. (Hons) Manufacturing Engineering, M.E. (Design Engineering), M.E. (Thermal Engineering) and Doctoral Programs. The department also conducts M.E (Mechanical Engg.) course for the benefit of working professionals. The students of all tiers have access to both expert faculty members in the department and Institute supported industry engagement opportunities. The department has extensive laboratory and infrastructural facilities for teaching, training, research and development. The research interests of the faculty members include product design, CAD/CAM, sheet metal forming, advanced machining processes, materials for manufacturing, renewable energy technologies, systems and management. The current total external funding for research in the Department is close to Rs. 1.5 crore.

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