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- KP Karunakaran, IIT Madras, India
- Kumar RS, KCT, Coimbatore, India
- Ranjana Nallamalli, DRDO, Delhi, India
- Sanchita Mallik, ASL, Hyderabad, India

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- Sunil Nimje, DIAT Pune, India
- Sangeeta Kale, DIAT Pune, India
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## REGISTRATION DETAILS FOR PLMSS 2017

Registration can be made through our website [www.plmss.org.in/conf/plmss17](http://www.plmss.org.in/conf/plmss17). Fee details are as follows

- Private Organisation/Academic/R&D Organisation : Rs. 10,000/-
- Group registration (>5 participants): Rs. 8,000/- per person
- Student: Rs. 4,000
- Foreign participant: \$ 450/-

Registration fee can be paid through DD/Multicity cheque/Bank transfer / Online.

Registration fee includes conference kit, snacks during breaks, working lunch on all the days and banquet dinner.

For Bank transfer please mention PLMSS 2017 & Registration Number in remarks. Bank details are given below:

Account Name	DIAT PLMSS 2017
Account Number	36770583703
IFSC Code	SBIN002155
Bank Name	State Bank of India
Branch	IAT Girinagar Pune
MICR Code	411002021
Swift Code	SBININBB218
PAN	AAAJD0678B

Cheque and DD should be in favour of **DIAT PLMSS 2017**

	Platinum Rs. 5 Lakhs	Diamond Rs. 4 Lakhs	Gold Rs. 3 Lakhs
Color advt. in Souvenir	Full page	Full page	Half page
Logo display in Souvenir	✓	✓	-
Brochure insertion for delegates	✓	✓	✓
Complimentary registrations Complimentary registrations	10 nos	7 nos	5 nos
Exhibition stall	✓	✓	✓
Presentation	20 min	15 min	7 min
Banner at venue	✓	✓	✓

## SOUVENIR

As part of PLMSS 2017, a souvenir shall be released during the inaugural function. The souvenir will have collection of abstracts of technical papers, invited talks and advertisements. It is an ideal platform for all PLM industries to advertise their products/services. The following tariffs will apply:

Front Inside, Back Cover and Back Inside (Color)	Rs. 1,00,000/-
Half Page (Color)	Rs. 50,000/-
Inside Pages	Rs 25,000/-
Full Page (Color)	Rs. 75,000/-
Half Page (Color)	Rs. 50,000/-

## EXHIBITION STALLS

The cost of putting up a stall of size 10 x 10 ft is about Rs. 60,000/-

## VENUE

Defence Institute of Advanced Technology, (Deemed University), Girinagar, Pune 411025

Phone: 020-24304021

Fax: 020-24389318, 24389411

Website: [www.diat.ac.in](http://www.diat.ac.in)

## ACCOMMODATION DETAILS

Registration fee doesn't include accommodation. Please check website [www.plmss.org.in/conf/plmss17](http://www.plmss.org.in/conf/plmss17) for accommodation options near venue

## ABOUT PUNE

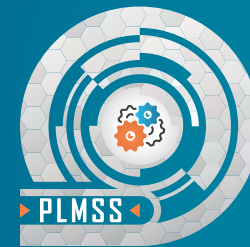
Pune is second largest city and cultural capital of Maharashtra. Also known for its automotive & manufacturing industries, Information Technology, Education & Management Institutes.



## Culture

Pune culture reflects a blend of traditions with modernity where traditional and modern cultures coexist. Marathi & Hindi are local languages most commonly spoken.

[www.plmss.org.in/conf/plmss17](http://www.plmss.org.in/conf/plmss17)



**PLMSS**  
**2017**  
13-15 DECEMBER



**PLMSS**  
**2017**  
13-15 DECEMBER

*Product Life Cycle, Modeling,  
Simulation and Synthesis (PLMSS)*

*Pre Conference workshop  
11<sup>th</sup>, 12<sup>th</sup> Dec 2017*

## Climate

Pune has tropical wet and dry climate bordering to hot semi-arid climate. October to February is the ideal time to visit Pune, as the climate is pleasant with cool and humid atmosphere.

## Economy

Pune is a major industrial center of India. It houses major automotive OEMs like Tata Motors, VW group, GM, Fiat Chrysler, Jaguar & Land Rover, Mercedes-Benz, Mahindra & Mahindra, and many Tier 1 Suppliers. In addition, Pune is Major IT & Education hub in India.

## FOR FURTHER DETAILS CONTACT

### ADVERTISEMENT IN SOUVENIR AND SPONSORSHIP

#### S. Ramachandra Prabhu

Manager - Marketing (Integrated Engineering Solutions)  
Tech Mahindra Ltd., Survey No. 602/3, ELCOT SEZ 138,  
Sholinganallur Village, Tambaram Taluk, Kancheepuram District,  
Chennai - 600119 (Tamil Nadu) India  
Email ID: Ramachandra.S@techmahindra.com  
Phone: +91 44 6619 4096

### EXHIBITION STALLS

**Dr K Balasubramanian**, Professor Department of Materials Engineering,  
DIAT, Girinagar, Pune - 411025, Maharashtra, India.  
Email - balask@diat.ac.in  
Phone - +91 20 24304207.

### ANY OTHER QUERY

**Dr. S. K. Panigrahi**, Professor  
Department of Mechanical Engineering,  
Convenor, PLMSS 2017  
DIAT, Girinagar,  
Pune - 411025, Maharashtra, India.  
Email - panigrahisk@diat.ac.in  
Phone - +91 20 2438 4189.



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## PREAMBLE

Technologies to integrate the physical world with the virtual world are constantly evolving. Product life cycle management (PLM) as a concept originated from Aerospace & Automotive industries but it has become the mainstay of all innovation driven industries. PLM encompasses product development, management, collaboration, project and program management, manufacturing streamlining and maintenance management and is the core of all engineering centered enterprises.

PLMSS 2017 is a platform to discuss current PLM technologies and their applications for making futuristic products. The conference intends to bring together research institutes, academicians, design practitioners, government agencies, PSUs, industry representatives and management institutes for discussing the new approaches, innovative applications, the challenges and issues of PLM. PLM can make a significant contribution to the “Make in India” campaign. Sixth in the series, this conference aims to have an international debate on future trends in PLM and revamping the engineering culture to adapt the PLM for seamless engineering collaboration. The five previous PLMSS conferences were successfully hosted by ADA-Bangalore, NAL-Bangalore, PSG College of Technology, Coimbatore, VIT University Vellore and jointly by ASL-Hyderabad and BITS Pilani Hyderabad during Dec 2006, Nov 2008, Dec 2011, Jan 2014 and Dec 2015 respectively.

## SCOPE

Defence Institute of Advanced Technology (DIAT), Pune and Tech Mahindra jointly have come together to host the International Conference on “Product Life Cycle, Modeling, Simulation and Synthesis (6th PLMSS – 2017)” under the aegis of PLMSS Trust during December 13 - 15, 2017 at DIAT, Pune. preceded by a Pre-Conference Workshop on a suitable topic. PLMSS Trust was registered on 3rd Dec 2014 at Bangalore by the Heads of DRDO, NAL, ADA, IISc in order to take up research, aid, promote, guide, manage, coordinate, execute and disseminate activities in the area of CAD, CAM,CAE, PLM, ERP and other related topics in Aerospace, automobile and other concern industries. The conference is being planned to provide a platform to discuss the trends and advancements in the area of PLMSS for Engineering and Technology applications/processes. Active participations from Academia, Industry Professionals, Researchers, R & D Establishments and Innovators is solicited. PLMSS – 2017 will include of Pre-conference workshop, Invited/Plenary talks, Oral and Poster presentations, Exhibition, Defence Lab/Industry visits and Local Sight Seeing etc. This conference will promote, guide, manage, coordinate, execute and disseminate activities in the following areas:

- Computer Aided Design(CAD)
- Computer Aided Manufacturing(CAM)
- Computer Aided Engineering(Analysis-CAE)
- Product Life Cycle Management(PLM)
- Enterprise Resource Planning (ERP) and other related topics.

## ABOUT DIAT PUNE

Defence Institute of Advanced Technology (DIAT) (Deemed to be University) is the premier Technological University under the Dept. of Defence R & D / DRDO, Ministry of Defence, Govt. of India, engaged in imparting technical education, in niche areas at PG (M.Tech) and Ph. D levels over the last 60 years. It is the premier teaching and research institute for the DRDO, Armed Forces, and DPSUs etc, in its various forms & capacities. DIAT is spread over 496 acres in scenic beautiful location, overlooking Khadakwasla Lake, in Sahyadri hills.

The main focus of the institute is to evolve as an innovative Unique Teaching & Research University to develop indigenous contemporary defence related technologies. DIAT is committed to generate high quality and talented human resource in broad areas of Defence Technologies to cater the needs of DRDO, Armed Forces and other Defence establishments to meet the challenges in their career while defending our nation.

The institute boasts of modern laboratories with latest equipments and simulation / analysis software and well-qualified faculty members. DIAT is Category ‘A’ university (by MHRD) and ranked 38th place among universities by NIRF, MHRD. The DIAT has MoU’ s with various Industries in India, Universities & Establishments across the world. The Institute has been awarded various Educational Excellence Awards.

## ABOUT TECH MAHINDRA

Tech Mahindra represents the connected world, offering innovative and customer-centric information technology experiences, enabling Enterprises, Associates and the Society to Rise™. The company is a USD 4.4 billion company with 117,600+ professionals across 90 countries, helping over 840 global customers including Fortune 500 companies. Its convergent, digital, design experiences, innovation platforms and reusable assets connect across a number of technologies to deliver tangible business value and experiences to our stakeholders. Tech Mahindra is amongst the Fab 50 companies in Asia as per Forbes 2016 list.

The Mahindra Group is a USD 19 billion federation of companies that enables people to rise through innovative mobility solutions, driving rural prosperity, enhancing urban living, nurturing new businesses and fostering communities. It has a leadership position in utility vehicles, information technology, financial services and vacation ownership in India and is the world’s largest tractor company, by volume. It also enjoys a strong presence in agribusiness, components, commercial vehicles, consulting services, energy, industrial equipment, logistics, real estate, steel, aerospace, defence and two wheelers. Headquartered in India, Mahindra employs over 200,000 people across 100 countries.

## THEMES OF PLMSS - 2017

- Product Definition: CAD/Geometrical Modeling, Requirement Engineering, Conceptual Design, Quality & Reliability, Computational Material Engineering, Integration aspects of Product Development and System Engineering.
- Product Visualization: Computational and Conceptual Graphics, Virtual Prototyping and Distributed Visualization.
- Product Modeling and Simulation: Computer Aided Engineering, Multi Disciplinary Analysis and Optimization, Smart Structure Modeling and Analysis, Advanced Materials and Applications
- Product Realization: Advanced Manufacturing Techniques, Rapid Prototyping, Jig-less Manufacturing, Process Planning & Control, Green Manufacturing and 3D Printing.
- Lifecycle Management: Standards, Metrics and Regulations, Simulation Tools, Lifecycle Managements, Integration, Validations Maintenance and Recycling.
- Product Management: Program/Product Management, Supply Chain and Value Chain, Product Delivery System.
- Advanced Product Development Frame Work: Knowledge Based Engineering, Distributed Data Management, Secure Data Exchanges, Information and Knowledge Modeling, Architecture Development.
- Emerging Trends of PLMSS: Data Analytics, Cyber Systems and Internet of Things, Cloud based PLM, Agile Development, Mobile PLM, Product Support, Services and Systems, Lifecycle Assessment and Sustainability, Eco PLM Design, Digitalization of PLM.
- Implementation of PLM: Case Studies, PLM Infrastructure, Redundant Architecture, Scalability, Agile PLM and Interoperability with Enterprise Solutions.

## PRE-CONFERENCE WORKSHOP

A pre-conference workshop will be organized on 11 and 12 December 2017. The theme of the pre-conference workshop will be on a current or emerging topic relevant to PLMSS. Experts across the globe will share their experiences around modelling and simulation, aerospace manufacturing /design with the audience. There will be separate registration fee for this workshop, details of which will be announced on the website ([www.plmss.org.in/conf/plmss17](http://www.plmss.org.in/conf/plmss17)).

## CALL FOR PAPERS

Papers describing original research or an interesting application in any of the above topics or related areas are invited from prospective authors/participants. Only full papers submitted for the conference will be reviewed and considered for its possible publication/presentation. All papers should be submitted electronically in MS Word format. Full Papers should be limited to 10 pages in A4 size, including figures and references and should contain unpublished original results. All papers will be reviewed by peer reviewers from within and outside the country. Oral and poster presentations will be decided based on the recommendations of reviewers.

E-Proceedings of the conference containing the full-length papers and souvenir containing the abstract of all papers will be made available to the registered participants. Also, efforts are being made to publish a few number of full length papers in the selected International Peer Reviewed Journals. Also, best paper and poster shall be awarded during the conference. Formats/Templates for preparation of full paper and abstract can be obtained from the conference website [plmss.org.in/conf/plmss17](http://plmss.org.in/conf/plmss17). Authors are required to register online in the prescribed format which is available in the web site.

## Important Dates

Last date for submission of Abstract:	15 July 2017
Submission of Full papers (Only Full Papers will be reviewed. Abstracts are solicited to match the Scope of the Conference and to initiate the paper review System):	1 Aug 2017
Last Date of communicating the Reviewer’s Comments:	15 Oct 2017
Last date for Submission of Camera Ready Paper:	1 Nov 2017
Last date for Registration with Payment:	15 Nov 2017

(Please note that submission of paper, all correspondence and payment etc has to be made through online only)

## PATRONS

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- G. Satish Reddy, Scientific Advisor to Raksha Mantri and DG -Missiles and Strategic Systems (MSS), DRDO
- CP Gurnani, MD & CEO, Tech Mahindra

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