



SOCIETY OF DEFENCE TECHNOLOGISTS

2-Day Workshop

ON

“3 D Printing”

Date:- 23rd and 24th MAY - 2019

Venue:-

**Defense Institute of Quality Assurance
S K Garden, Benson Town PO
Bengaluru – 560 046**

Registration:-

Registration fee will be Rs.4,000/- (Rupees Four Thousand Only) per delegate plus 18% GST. Payment shall be made through Net Banking in favour of Society of Defence Technologists. For further details please contact:- Secretary General, Society of Defence Technologists, C/o Bharat Electronics Limited, Bangalore – 560 013. Telefax:-080-28382612, E-mail:-sodet@bel.co.in and Mobile No.9449821481.

SODET Bank Details for sending the amount through fund transfer

Name of the Bank	: -	State Bank of India
Name of the Branch	: -	BEL Factory Campus
Account No	: -	10838595127
A/c Holder	: -	Society of Defence Technologists
MICR Code	: -	560002024
IFSC Code of the Bank	: -	SBIN0010369
Account Type	: -	Current Account
GST Number	: -	29AADTS1687A1ZF
PAN No.	: -	AADTS1687A

About 3D Printing

In recent years, 3D printing has developed enough to perform crucial roles in many applications, with the most important ones being manufacturing, medicine, architecture, custom art and design. In the current scenario, the 3D printing processes is finally catching up to it's full potential, and is currently being used in the manufacturing and medical industries, as well as by sociocultural sectors which facilitate 3D printing to become successful commercial technology.

For a long time, though there has been high demand for 3D printing. Very high entry costs, was not allowing profitable implementation to mass-manufacturers when compared to standard processes, but market trends spotted in recent years have found that the needle is finally moving, as the market for 3D printing becomes one of the most important ones, and certainly the one with the biggest growth numbers in the manufacturing industry in recent years.

Three-dimensional printing makes it as cheap to create single item as it is to produce thousands and thus undermines economies of scale. Just as nobody could have predicted the impact of the steam engine in 1750 or the printing press in 1450, or the transistor in 1950—it is impossible to foresee the long-term impact of 3D printing. But the coming 3D technology, it is likely to disrupt every field it touches.

With technological advances in additive manufacturing and the dissemination of those advances into the business world, additive methods are moving ever further into the production end of manufacturing in creative and sometimes in unexpected ways. Parts that were formerly the sole province of subtractive methods can now in some cases be made more profitably via additive ones.



PROGRAMME DETAILS

23rd MAY – 2019

Time

Event and Topics

09.00AM – 09.10AM	Introduction and Inauguration – DIQA
09.10AM – 09.20AM	About SODET - N Ravindra, Sec. Gen / SODET
09.20AM – 09.30AM	Welcome Address - Maj Gen Gautam Narayan, VSM – Director / DIQA
09.30AM – 10.00AM	Key Note Address - Cmde Siddharth Mishra, Chairman/SODET and CMD/BDL
10.00AM – 11.15AM	Session – I – Introduction & Application of 3D Printing - Shri A B Nayak, Divisional Head CTTC, Bhubaneswar
11.15AM – 11:30AM	Coffee / Tea Break
11.30AM - 12.30PM	Session – II –Over View on 3D Scanning, CAD & 3D Slicing - Shri Sunil Sehgal, Mgr/Business Development, S A S 3-D Spark Pvt Ltd
12.30PM – 01.30PM	Session III – Additive Manufacturing in Defence Applications - Ms. Dheepa Srinivasan, INTECH
01.30PM – 02.15PM	Lunch Break
02.15PM – 03.15PM	Session IV - FDM 3-D Applications at NAL – Case Study - Shri Mahesh Kadam, Sr. Scientist,NAL

03.15PM – 03.30PM

Tea Break

03.30PM – 04.30PM

Session V – Role Of Lasers in Metal Additive Management

- Dr. Ravi Bathe, Scientist-F, CLPM

24th MAY – 2019

09.30AM – 12.30PM

Visit to 3D Wipro plant , Bangaluru

12.30PM – 01.30PM

Lunch

01.30PM – 02.00PM

Concluding and Feedback

Location Map :-

