

Department of Aerospace Engineering

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Dr.A.P.J.Abdul Kalam Memorial Seminar

Date: 26.07.2019

Department of Aerospace Engineering and Association of Aeroptyx (AOA) in association with Institute of Aeronautics Astronautics and Aviation (IAAA) organized Dr.A.P.J.Abul Kalam Memorial Seminar on 26.07.2019. Mr. K. Aswin Saravana Kumar, Final year/Aerospace, Chairman (AOA) delivered the welcome address. Mr.R.K.Muthuraman, HoD, Department of Aerospace Engineering introduced the office bearers of AOA. Dr.S.Senthamilkumar, Dean (FET) gave the Felicitation address and Dr.P.K.Srividhya, Dean (Academics) gave the presidential address.

The poster is for the Dr. A.P.J. Abdul Kalam Memorial Seminar. It features a light blue background with a white border. At the top, there are four logos: 'BEST PRIVATE UNIVERSITY IN INDIA-2018' (awarded by ASSOCHAM), the IAAAI logo, a '10 Years of Private Institutes in India 2009' logo, and the Periyar Maniammai Institute of Science & Technology logo. The main text is centered and reads: 'Department of Aerospace Engineering & Association of Aeroptyx (AoA) in association with Institute of Aeronautics Astronautics and Aviation (IAAA) Proudly Presents "Dr.A.P.J. ABDUL KALAM MEMORIAL SEMINAR"'. Below this, it states 'Date: 26.7.2019' and 'Venue: Freud Hall'. The program includes an 'Inaugural Function (10 am - 10.45 am)', 'Seminar Talk-I (Time: 11 am - 12.30 pm)' with the topic '"Opportunities in Aerospace and Defence Sector in India"' by 'Mr.R.Sundaram, Founder and Managing Director, The Salem Aero park, Aerospace Engineers Pvt.Ltd., Salem.', 'Seminar Talk-II (Time: 2.00 pm - 3.30pm)' with the topic '"Small UAV -Research Opportunities in Academics"' by 'Dr.G.Ramesh, Chief Scientist, MAV-Head, NAL-CSIR Lab (Retd.), Bangalore.', and a 'Valedictory Function (5.45pm - 4.30pm)'. The poster concludes with 'We cordially invites you all..!'



**Department of Aerospace Engineering
&
Association of Aeropteryx (AOA)**

In association with
Institute of Aeronautics Astronautics and Aviation (IAAA)
Proudly Presents

“Dr.A.P.J. ABDUL KALAM MEMORIAL SEMINAR”

Date: 26.7.2019

Venue: Freud Hall

Programme Schedule

Time	Event	
10:00 am-10:05 am	Welcome Address	Mr. K.Aswin Saravana Kumar Final year/Aerospace, Chairman (AOA)
10:06 am-10:15 am	Introducing AOA office Bearers	Mr.R.K.Muthuraman HoD/Aerospace and Head/AOA
10:16 am-10:25 am	Felicitation Address	Dr.S.Senthamilkumar Dean (FET)
10:26 am-10:35 am	Presidential Address	Dr.P.K.Srividhya Dean (Academic)
10:36 am – 10:40 am	Guest address - I	Dr.G.Ramesh, Chief Scientist, NAL-CSIR Lab (Retd.), Bangalore
10:41 am – 10:50 am	Guest address - II	Mr.R.Sundaram Founder and Managing Director Aerospace Engineers Pvt Ltd., Salem
10:51 am – 11:00 am	Tea Break	
11:01 am-12:45 pm	Seminar Talk -I	Topic:“Recent Technologies in Aerospace Industries” Mr.R.Sundaram Founder and Managing Director The Salem Aero park Aerospace Engineers Pvt.Ltd., Salem
12:45 pm-1:45 pm	Lunch Break	
2:00 pm-3:30 pm	Seminar Talk -II	Topic:“Small UAV –Research Opportunities in academics” Dr.G.Ramesh, Chief Scientist, NAL-CSIR Lab (Retd.), Bangalore
3:31 pm-3:45 pm	Tea Break	
3:46 pm – 3:50 pm	Event Summary	Mr.R.K.Muthuraman HoD/Aerospace and Head/AOA
3:51 pm-4:30pm	Certificate Distribution	Dr.G.Ramesh, Guest Speaker, Dr.D.Jeyasimmon, Head/Mechanical
	Vote of Thanks	Pathan Khalid Khan Third year/Aerospace, Vice-Chairman (AOA)

Title: Recent Technologies in Aerospace industries

Time: 10:00 AM to 12:30 AM

Mr.R.Sundaram, who is the founder and Managing Director of the Salem Aero Park, Aerospace Engineers Private Limited, Salem. He presented talk on “**Recent Technologies in Aerospace industries**”. He started his speech from make in India scheme. He told,“Make in India, is propaganda initiated for the sole purpose of inviting various commercial sectors from all around the world, to engineer their products in India and sell them anywhere they wish. Due to this fact companies from across the globe making a huge investment in the Make in India project”. And also he noted that India gained much attention globally with the launch of ISRO’s Mars mission called Mangalyaan costing Rs 450 crore, one-tenth of how much NASA spent on its 2013 Maven explorer that it sent to the planet. This has been a

major source of inspiration for entrepreneurs to finally have a little space of their own and get a little closer to the mystery that lies beyond Earth.



Mr.R.Sundaram, delivering his seminar talk

Title: Small UAV's and research opportunities in academics Time: 2:00 to 3:30 PM

Dr.G.Ramesh, who was NAL Chief Scientist and currently working as Dean/HoD for Aeronautical Engineering, GCEM, Bangalore. His talk was about **“Small UAV's and research opportunities in academics”**. His lecture contained applications, Research, Development, Testing and other facilities of drones in various fields. He noted “Major companies like Amazon, UPS, and DHL are in favor of drone delivery. Drones could save a lot of manpower and shift unnecessary road traffic to the sky. Drones provide quick means, after a natural or man-made disaster, to gather information and navigate debris and rubble to look for injured victims. Its high definition cameras, sensors, and radars give rescue teams access to a higher field of view, saving the need to spend resources on manned helicopters. Extended that into aerial photography, Geographical mapping, Precision Agriculture, Search and rescue, Weather forecast, Wildlife monitoring, law enforcement, and Entertainment”. He also encouraged the students to get into the research field. Finally, Mr.Pathan Khalid Khan, Vice-chairman (AOA) proposed the vote of thanks.



Dr.G.Ramesh, delivering the guest address