



VIGNAN'S
Foundation for Science, Technology & Research
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DEPARTMENT OF APPLIED ENGINEERING

REPORT ON WEBINAR on Unmanned Ariel Vehicles (07-06-2021)

With the blessings of Vignans foundation for Science and research Management , having constant encouragements of our respected Vice chancellor Dr.M.Y.S Prasad, a webinar is conducted on Unmanned aerial vehicles to our faculties and students, the department of Applied Engineering has hosted on the following schedule and the topic: Topic: Unmanned Ariel Vehicles Date: June 7th , 2021 resource person:Dr. R.Vasantharaj Chief Scientist Centre for Aerospace research department of aerospace engineering MIT Campus, Anna University. Time: 2.00 PM to 5 PM

About the speaker: Dr.R.Vasantharaj finished his bachelors of engineering in Electronics and Communication from Anna University in 2007 and M.Tech with the specialization to VLSI & Nano Electro Mechanical system in 2009. Currently he is pursuing research in the field of Artificial Intelligence Unmanned Aerial System (Swam UAV). In addition he has more than 10 years of demonstrated experience in the platform of Unmanned Aerial systems & Artificial Intelligence Control. He Handled more than 10 AI-UAV project total worth of 32.9 crores INR funded by government and private entity. He has received many awards for his contribution to the UAV Research, Including international UAV Medical express-2018 award from Government of Queensland, Australia. APJ Abdul Kalam State award from Tamil Nadu, government. Mehar Baba Swarm UAV award from Indian Airforce. BVLOS UAV operations Award from DGCA Government of India. Best ornithopter Designer Award from NDRF, Power Grid UAV Design Award From Power Grid Corporation of India. DRUS & Dare to Dream Innovation Awards from DRDO India. He published many international journals and Conferences. Currently he holds 6 International Patents in the field of artificial intelligent UAV and its Subsystems

Description: During this webinar, he shared the thoughts of his own projects on Unmanned Aerial vehicles such as drones etc. He also shared an idea about applying patent on the projects. He motivated the participants in the way of to improve thinking skills. He presented videos about different operations on UAV'S

Program: For this Webinar, registration link using Zoom ID and password was created. The link was circulated among students. More than 60 participants both Teaching Faculty Members and Students have participated. From the WEBINAR, the participants had the opportunity to know about the tools to develop a innovative projects using science and technology in addition to gained knowledge about patent applied.

Screenshots of the Webinar presentations:

2:42

Venue 4G

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How does a Pilot Control the Plane?



3:24

Venue LTE1 77%

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